# COMPANY PROFILE

Scolmore Middle East

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Scolmore GROUP

# SPECIFICATION SOLUTIONS

ISSUE 3

WWW.SCOLMORE.COM

# CONTENTS


04 **INTRODUCTION**
SCOLMORE® GROUP SPECIFICATION SOLUTIONS INTRODUCTION

11 **RESIDENTIAL**
**13 -** CLICK® I **17 -** OVIA® I **21 -** ESP® I **22 -** SANGAMO I **23 -** UNICRIMP®

25 **HEALTHCARE**
**27 -** CLICK® I **31 -** OVIA® I **35 -** ESP® I **37 -** UNICRIMP®

39 **HOTEL & LEISURE**
**41 -** CLICK® I **45 -** OVIA® I **49 -** ESP® I **51 -** UNICRIMP®

53 **EDUCATION**
**55 -** CLICK® I **57 -** OVIA® I **61 -** ESP® I **62 -** SANGAMO I **63 -** UNICRIMP®

65 **COMMERCIAL**
**67 -** CLICK® I **69 -** OVIA® I **73 -** ESP® I **75 -** UNICRIMP®

77 **INDUSTRIAL**
**79 -** CLICK® I **81 -** OVIA® I **85 -** ESP® I **85 -** SANGAMO I **87 -** UNICRIMP®

89 **DATA CENTRES**
**91 -** CLICK® I **93 -** OVIA® I **97 -** ESP® I **97 -** SANGAMO I **99 -** UNICRIMP®

101 **TRAINING**
SCOLMORE® ACADEMY CPD TRAINING I WEBSITE QR CODES

# SCOLMORE® GROUP

We have a variety of innovative products available for use in multiple applications and environments. Let us add value to your project with our efficient and cost effective solutions.

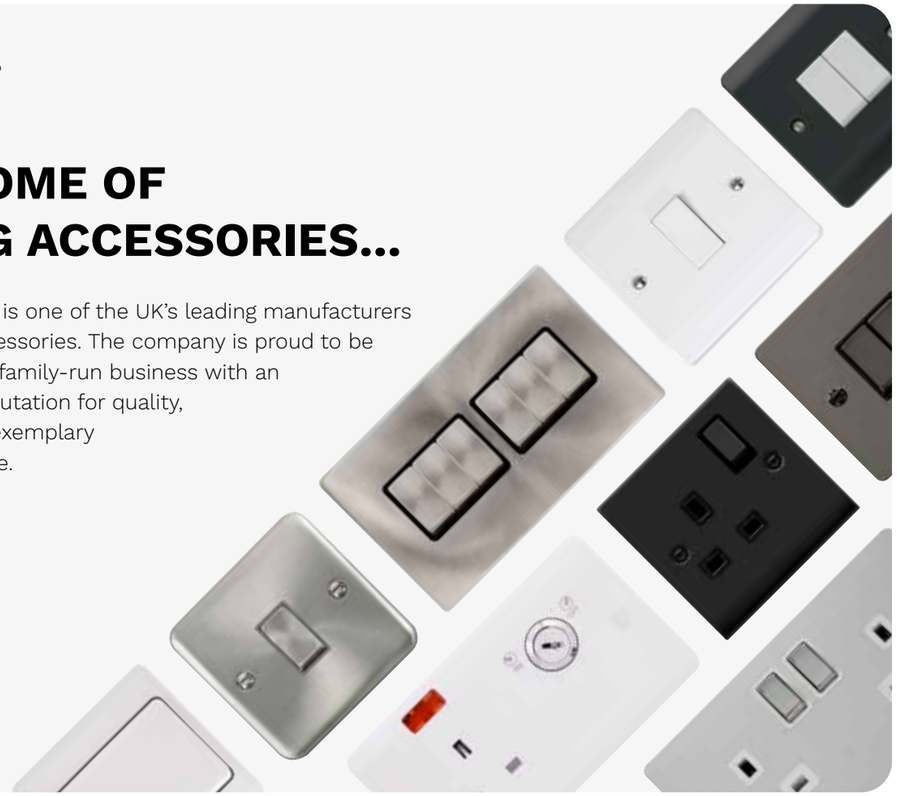
Our group product portfolio is designed and manufactured to meet a variety of industry solutions and applications. At Scolmore® Group we are flexible in our approach and have a team of in-house designers available to assist you in finalising your bespoke specification requirements.

The Specification Solutions Brochure highlights some of the benefits that using our products can bring to your project, providing efficiency, cost reductions and meeting your sustainability objectives.

CLICK® Scolmore GROUP · OVIA® Scolmore GROUP · ESP® Scolmore GROUP · UNICRIMP® Scolmore GROUP · SANGAMO

## THE HOME OF WIRING ACCESSORIES...

Click Scolmore® is one of the UK's leading manufacturers of electrical accessories. The company is proud to be a British-based, family-run business with an international reputation for quality, innovation and exemplary customer service.



## FIRE, SECURITY & EMERGENCY PRODUCTS...

ESP® (Elite Security Products) Ltd is a market-leading supplier of a comprehensive range of electronic security and fire protection products. ESP's comprehensive portfolio includes; Smart Security, CCTV, Access Control, Evac, Fire Protection, Emergency Lighting, Essentials, Sangamo Time Switches and Heating Controls.

## LIGHTING SOLUTIONS...

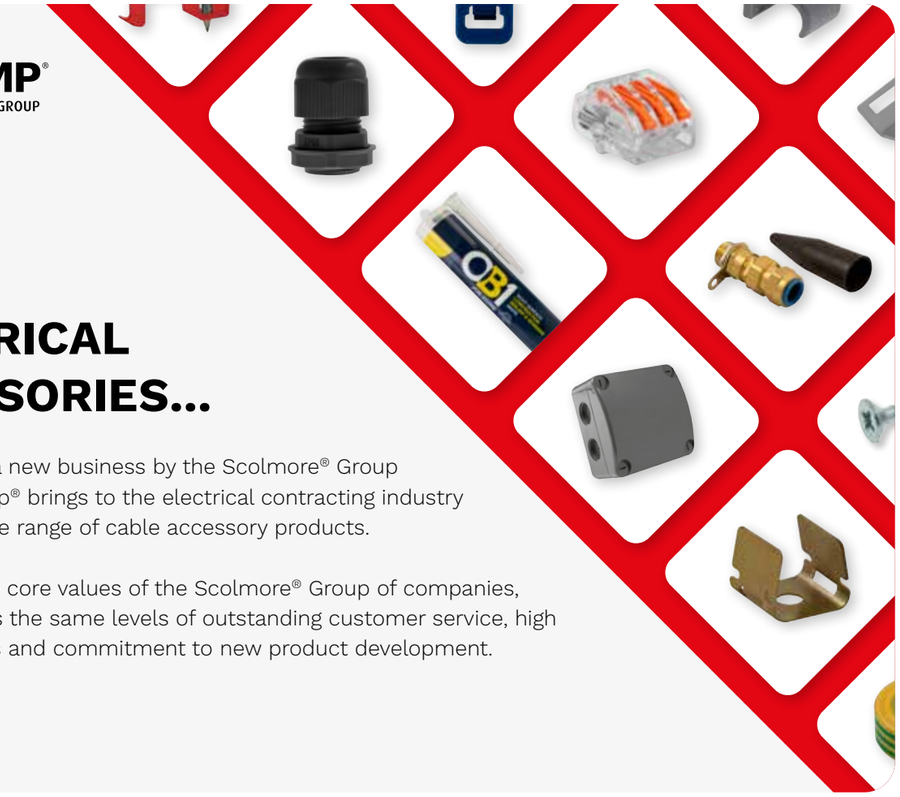
Already synonymous with superior performance and innovation following years of success as a leading name in the lighting industry, the Ovia® brand of lighting solutions has been further developed to meet the growing opportunities that the transformed lighting industry offers.

The comprehensive collection of lighting products from Ovia® will provide solutions for a whole spectrum of projects in a broad variety of sectors, including domestic, commercial, industrial, utility, amenity, emergency lighting and floodlighting.

## ELECTRICAL ACCESSORIES...

Established as a new business by the Scolmore® Group in 2015, Unicrimp® brings to the electrical contracting industry a comprehensive range of cable accessory products.

Aligned with the core values of the Scolmore® Group of companies, Unicrimp® offers the same levels of outstanding customer service, high quality products and commitment to new product development.



PROUD MEMBER OF
INSTITUTE OF HEALTHCARE ENGINEERING AND ESTATE MANAGEMENT

# ANTIBACTERIAL & ANTIVIRAL CERTIFIED

## ANTIBACTERIAL CERTIFIED

Mode® wiring accessories are manufactured using Urea Formaldehyde, which has similar inherent properties to antimicrobial additives that inhibit the growth of infectious diseases.

All products independently tested achieved a 99.99% kill off rate across all four types of the strains of bacteria - MRSA, E-Coli, Salmonella, Klebsiella Pneumonia and enveloped viruses.

## ANTIVIRAL CERTIFIED

After a contact period of 4 hours, Mode® was shown to have a 99.9% kill off rate against enveloped viruses and a 92% kill off rate against non-enveloped viruses. It has also achieved 99.98% kill off rate against Influenza A (H1N1) after a 24 hour period.

ANTIBACTERIAL &
ANTIVIRAL CERTIFIED

# FREE LIGHTING & CONNECTION DESIGN SERVICE

## AVAILABLE TO...

electrical contracting companies, M&E consultants and anyone involved in the specification of lighting and lighting control equipment.

## PROVIDING EXPERTISE...

in selecting the right products and solutions, to create a scheme that meets all the requirements and objectives of the project in question, and that is compliant with all the relevant regulations and standards.

Ovia® have Goniophotometer luminaire testing on-site. This enables efficient 3rd party certified luminaire performance testing, which has been created by the LIA, together with its partner Acal BFi.

# OVIA® LIGHTING LABORATORY

Ovia® has made a significant investment in new testing equipment and a cutting-edge photometry luminaire testing scheme, built around the class-leading Viso systems LapSpion goniometer. Its cutting edge technology eliminates the need for a traditional goniometer and/or integrating sphere and allows manufacturers to perform these tests quickly and accurately on their own premises, without the need for a large dedicated dark room.

PROUD TO BE MEMBERS OF THE LIA AND RELUX

# DESIGN SERVICES OFFERED BY ESP

A COMPILATION OF THE SERVICES ESP OFFER TO AID YOUR PROJECT

## CCTV DESIGN SERVICE

For large commercial premises or tailored systems to suit any requirements.

### PROJECT DESIGNS

All plans are created by our fully qualified design engineers.

### 3D PLANS

Computer generated plans of the intended camera locations are provided.

### LARGE COMMERCIAL PROJECTS

We have the experience and capability to cover some of the UK's biggest sites.

### CAPTURE EVERYTHING

Range of 2mp, 5mp and 8mp cameras to capture every required detail.

### SPECIFICATIONS

Full site specifications and detailed drawings sent out with every design.

### SITE VISITS

Site visits available to determine requirements of our customers.

## FIRE SERVICE OFFERING

### FIRE SYSTEM DESIGN SERVICE

Upon receipt of the required information, our fully qualified design engineers begin work on the scheme

### QUOTATION TO CUSTOMER

ESP quotation sent direct to ESP customer

### SYSTEM COMMISSIONING

ESP ensures that the system is installed and commissioned to meet BS5839-1:2017

### TECHNICAL SUPPORT & ADVICE

Technical support and advice available to all customers, contractors and end users

PROUD TO BE ACCREDITED WITH THE FOLLOWING...

Fire Industry Association

# RESIDENTIAL

Make a home unique with our wide range of products. All of the following products are perfect for a home, apartment or flat. Create a sleek look with decorative wiring accessories and stay secure with our selection of safety and security products.

HOUSING, APARTMENTS & FLATS

CLICK OVIA ESP UNICRIMP SANGAMO

## DECORATIVE

- Click® Wiring Accessories
- Minigrid® Modules
- New Media™ Modules

## ANTIBACTERIAL & ANTIVIRAL

- Mode® Wiring Accessories

## IP66 WATERPROOF

- Aquip66® Outdoor Switches & Sockets

## FLEXIBILITY

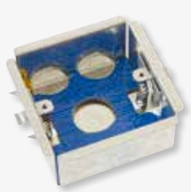
- Elucian Consumer Units
- Elucian AFDDs
- ClickSmart+ Wiring Accessories

## INDOOR & OUTDOOR LIGHTING

- Inceptor® Evo Bulkheads
- Ovia® Garden Lighting
- Ovia® Pathfinder Floodlights
- Inceptor® Intense Strip Lights
- Ovia® Star lights
- Inceptor® Omni V2 & Nano V2 Downlights
- Ovia® Pico FG Downlights

## FIRE SAFETY

FlameGuard® Back Boxes



## CONNECTIVITY & CONTROL

- Flow™ Wiring Accessories
- Sangamo Choice Plus Programmers

## ENERGY SAVING

- OVIA® Control Sensors
- Inceptor® Evo Bulkheads

## SAFETY & SECURITY

- ESP® Nighthawk® Security Lights
- Fort® Smart Security

## ACCESS CONTROL

- Aperta IP® PoE outdoor Station
- CCTV & Access Control

## CABLE ACCESSORIES

- Q-Crimp® Range
- Q-Fire Range
- Q-Nect Range
- OB1™

elucian

# The Complete Consumer Unit

A Comprehensive Circuit Protection & Consumer Unit Range.

- 10 YR — 10 YEAR WARRANTY
- METAL CONSUMER UNITS
- VARIABLE KOCKOUTS
- MAINS SWITCH TAIL CLAMP

elucian

# Increase Protection **with AFDDs**

- 3 YR — 3 YEAR WARRANTY
- B — B CURVE DEVICES
- C — C CURVE DEVICES
- LARGE TERMINAL CAPACITY

ClickSmart+

# A Smarter Home

WORKS WITH alexa

WORKS WITH Hey Google

Every device can be controlled from anywhere using the Click Smart+ app or with Alexa and Hey Google.

## DECORATIVE METAL WIRING ACCESSORIES

Available in 10 distinctive quality finishes. Black and white inserts also available. A selection of stainless steel and satin chrome finishes are now available with grey inserts.

LASER ETCHING

MINIGRID® MODULES

## PREMIUM DECORATIVE WIRING ACCESSORIES

Available in 8 distinctive quality finishes. Black and white inserts also available. A selection of stainless steel and satin chrome finishes are now available with grey inserts.

LASER ETCHING

MINIGRID® MODULES

## DECORATIVE FLAT PLATES

Available in 5 distinctive quality finishes; polished chrome, stainless steel, brushed steel, pearl nickel and black nickel.

LASER ETCHING

MINIGRID® MODULES

## SCREWLESS WIRING ACCESSORIES

Available in 8 distinctive quality finishes; white, metal white, matt black, metal black, brushed stainless, polished chrome, stainless steel and antique brass.

LASER ETCHING

MINIGRID® MODULES

## SMOOTH PROFILE WIRING ACCESSORIES

All Mode® switch plates are modular as standard, allowing you to create virtually any switch plate you require.

MINIGRID® MODULES

ANTIBACTERIAL & ANTIVIRAL CERTIFIED

20 YEAR GUARANTEE

## FLAMEGUARD® DRY LINING BACK BOXES

1 and 2 gang options available with 35mm or 47mm depth.

10 YEAR WARRANTY

90 MINUTE FIRE RATING

## IP66 OUTDOOR SWITCHES AND SOCKETS

10A MiniGrid® or 20A GridPro® modules.

MINIGRID® MODULES

20MM KNOCK-OUTS

GRIDPRO® MODULES

## NEW MEDIA™ MODULES

Flexible build solution to a host of individual media transfer requirements.

ON SINGLE TIER PLATES

CLIP IN MODULES

STANDARD WIDTH EURO MODULE

## FLOW™ CONNECTORS

The Flow™ range offers simple connectivity and control, emphasising on flexibility and ease of installation as many building design projects are now focusing on products and services that can adapt to changing legislation, energy efficiency and the ever changing needs of the client.

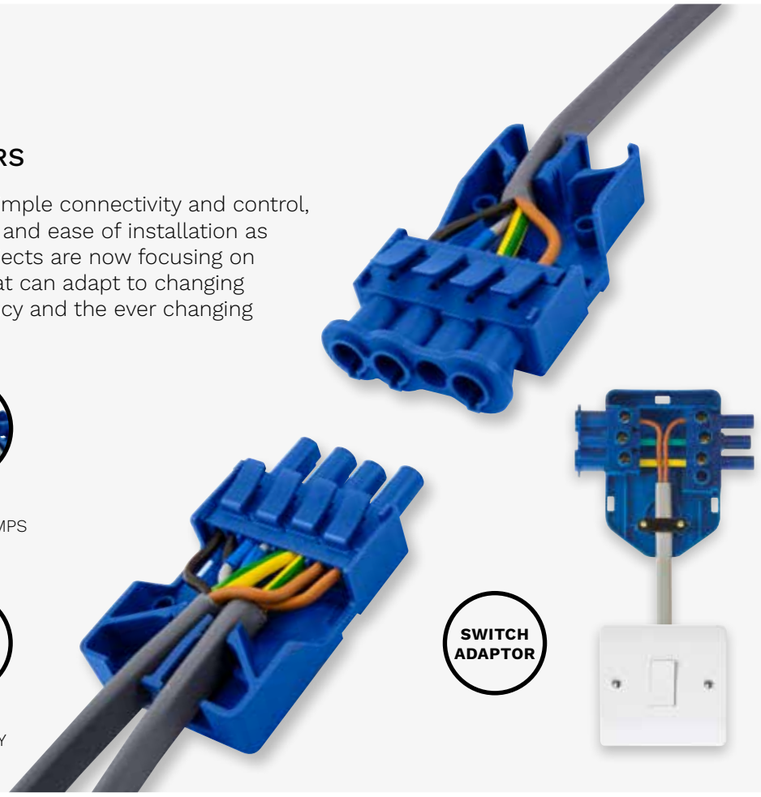
EASY LOCK & RELEASE

FAST FIT CABLE CLAMPS

PUSH FIT CONNECTORS

**10 YR**

10 YEAR WARRANTY



**SWITCH ADAPTOR**

## GARDEN LIGHTING

New Amenity lighting, wall and ground lights.

**3 YR**

3 YEAR WARRANTY

UP TO 50,000 HOUR LIFETIME

## STAR LIGHTS

0.8W 12V IP44 LED plastic star lights and 1.6W 12V IP44 LED cast star lights.

**1 YR**

1 YEAR WARRANTY

**IP44**

IP44 RATED

## INCEPTOR® INTENSE 24V LED STRIPS

Ovia® LED strips come in pre-cut lengths from 0.5m to 5m, offering complete versatility and ensuring a quick and easy installation. This coupled with designated cutting points allows total flexibility for every installation.

**3 YR**

3 YEAR WARRANTY

**IP65**

IP65 RATING AVAILABLE

**3000K 4000K**

COOL OR WARM WHITE

**RGBW**

COLOUR OPTIONS

## INCEPTOR® EVO

LED bulkhead with a pre-installed Flow™ connector. IK08 impact-resistant polycarbonate body. Microwave sensor, emergency and corridor function available.

5 YEAR WARRANTY

IP65 RATED

IK10 ENCLOSURES

## INCEPTOR® NANO$^{V2}$

Fire-rated LED downlight. Shallow recess depth with a powerful SMD light source, paired with a 60° multi-faceted, halogen-effect lens for exceptional light quality.

5 YEAR WARRANTY

30, 60, 90 MIN FIRE RATING

PRE-WIRED FLOW™ CONNECTOR

## INCEPTOR® OMNI$^{V2}$

Fire-rated 6W fixed and adjustable LED downlight. The Omni$^{V2}$ features an integrated 3 Pole Flow™ connector with built in driver and CCT switch which grants the ability to change the colour temperature instantly.

## PICO FG

5.5W fire-rated dimmable IP65 LED fixed downlights. Chrome and satin chrome finishes available.

JOIST FIRE RATED

30, 60, 90 MIN FIRE RATING

IP65 RATED

## CONTROL SENSORS

Recessed 360° low profile, flush PIR sensors.

INFRARED SENSOR

5 YEAR WARRANTY

INDOOR USE

## PATHFINDER FLOODLIGHTS

A versatile range featuring black and white finishes with cool and warm white options available.

IP44 Rated (PIR VERSION)

IP65 RATED

3 YEAR WARRANTY

## FORT® SMART SECURITY PRODUCTS

ESP® create simple, smart solutions for a safer and more comfortable home. Discover a whole range of smart home products. From smart alarm kits, smart cameras, smart sensors and smart door bells, all working together to make any home smarter and safer.

**POWERED BY CLICK SMART+**

**All of ESP's Fort products are compatible with the Click Smart+ app.**

## APERTA® IP POE SINGLE WAY OUTDOOR STATION

Features HD video and duplex audio, IP65 housing, and a variety of different electronic lock interfaces.

APP

APP FUNCTION

IP65

IP65 RATED

PoE

POWER OVER ETHERNET

## APERTA® SINGLE WAY DOOR ENTRY

Aperta® single way systems require only 2 wires throughout. All outdoor stations and monitors are powered by a single power supply.

WHITE OR BLACK MONITORS

IP55

IP55 RATED

## FORT® SMART SECURITY LIGHTS

WI-FI smart security camera with flood lights. Full 1080p HD live view and recording.

2MP

LIVE VIEW & RECORDING

IP65

IP65 RATED

WHITE OR BLACK FINISHES

## NIGHTHAWK® PLUS LOW ENERGY LED SECURITY LIGHTS

10W/800 lumen, 20W/1600 lumen, 30W/2400 lumen and 50W/4000 lumen fittings. Built-in PIR versions available.

4000K

COLOUR TEMPERATURE

IP65

IP65 RATED

1M CABLE

## SANGAMO CHOICE PLUS PROGRAMMER

2 channel programmer. 1 and 3 channel programmers available with a service interval feature.

3 YR

3 YEAR WARRANTY

FIXED WIRING ONLY

## Q-CRIMP®

### A COMPREHENSIVE RANGE OF CABLE ACCESSORIES

All products within the Q-Crimp® range are manufactured under stringent quality control systems and are fully compliant with the very latest industry regulations.

The Q-Crimp® range includes:

- **Cable ties & accessories**
- **Crimp terminals**
- **PVC tape**
- **Copper tube terminals**
- **Cable clips**
- **Brass & nylon glands**
- **Plugs & sleeving**
- **Grommet & cleats**
- **Adhesives**
- **Earthing**

## Q-NECT

### STRONG, QUICK AND RELIABLE SOLUTIONS

The new Q-Nect range offers great versatility for electrical connections. Each product is packed with features which makes your installations quicker and easier.

The Q-Nect range includes:

- **2, 3 & 5 way lever connectors**
- **IP66 weatherproof junction box**
- **2 & 3 way IP connection boxes**
- **5 pole, 3 way IP68 'T' & inline connectors**

## Q-FIRE

### THE COMPLETE FIRE RANGE

The Q-Fire range of fire-rated products provides installers with solutions that will help satisfy the latest IET wiring regulations. Providing everything required to harness cable between the consumer unit and the end accessory.

The Q-Fire range includes:

- **Saddle clips & P-clips**
- **Fire safe cable clips**
- **Stainless steel mounts**
- **All-round banding**
- **Stainless steel cable ties**
- **Fire resistant expanding foam**
- **Fire safe metal cable cleats**

## OB1™ MULTI-SURFACE CONSTRUCTION SEALANT & ADHESIVE

### MULTI-SURFACE SEALANT AND ADHESIVE

The No.1 hybrid sealant and adhesive by the trade, OB1™ bonds and seals a range of materials including aluminium, wood, plastic, metal, steel, mirror, lead, concrete, glass, tile, polycarbon, PVC and felt. OB1™ also works in damp conditions and even under water.

WEATHER RESISTANT

DOES NOT SHRINK

UNIQUE FLEXIBILITY

NO SOLVENTS OR ISOCYANATES

PAINTABLE

# HEALTHCARE

The products selected below are ideal for environments where the safety and security of patients and staff are of paramount importance. All products have innovative features ensuring the facility can operate in a safe and efficient way.

## HOSPITALS, CARE HOMES & SHELTERED ACCOMMODATION

CLiCK OVIA ESP UNICRIMP IEC LOCK

### ANTIBACTERIAL & ANTIVIRAL

- Mode® Wiring Accessories
- Part M™ Visually Contrasting Wiring Accessories

### HARDWARE PROTECTION

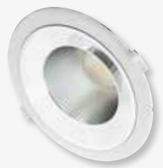
- IEC Lock® Unique Lockable Connectors

### COMPLETE CONTROL

- Key Lockable Switches & Sockets
- Red & Green Outboard Rocker Sockets
- Blue Medical Socket Outlets

### LIGHTING

- Inceptor® Slate Backlit Panels
- Inceptor® Evo Deco XL Bulkheads
- Inceptor® U-Lite Linear Lights
- Ovia® E-Sprite Downlights
- Ovia® Sprite Downlights



### ACCESSIBILITY

- Locating Plug Sockets
- Rocker Sockets & Switches
- Beacon® Disabled Refuge

### DURABILITY

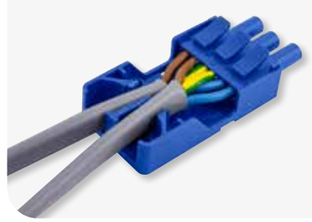
- Essentials™ Metal Clad Solutions

### FIRE SAFETY

- MagDuo® Two Wire Fire Panels
- MagFire® Addressable Fire System Devices

### CONNECTIVITY & CONTROL

- Flow™ Wiring Accessories



### ENERGY SAVING

- OVIA® Control Sensors
- Inceptor® Evo Deco XL Bulkheads

### SAFETY & SECURITY

- Duceri® Emergency Lighting
- HDview IP™ 24/7 Colour CCTV
- HDview IP™ PTZ Camera

### ACCESS CONTROL

- CCTV & Access Control
- Aperta® Proximity Single Door Entry Kits
- Aperta® Contactless Exit Button

### CABLE ACCESSORIES

- Q-Crimp® Range
- Q-Fire Range
- Q-Nect Range
- OB1™

# MODE®

## SMOOTH PROFILE WIRING ACCESSORIES

All Mode® switch plates are modular as standard, allowing you to create virtually any switch plate you require.

20 YEAR GUARANTEE

ANTIBACTERIAL & ANTIVIRAL CERTIFIED

MINIGRID® MODULES

LASER ETCHING

# CLICK® Scolmore GROUP

## EQUIPOTENTIAL BONDING BUSBAR (EBB)

The EBB is designed for ease and speed of installation. It meets the latest BS7671 18th edition electrical installation regulations - Amendment 2 infection control requirement.

62MM SLIM RECESS DEPTH

STRONG & RELIABLE

MEDICAL ENVIRONMENTS

# CLICK® Scolmore GROUP

## KEY LOCKABLE SWITCHES AND SOCKETS

Stop unauthorised or unsupervised use.

CLEAR INDICATION

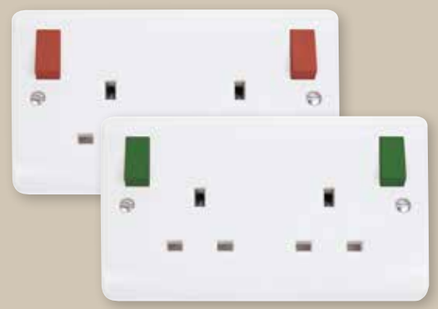
MULTIPLE STYLES & FINISHES

ENERGY EFFICIENT

# CLICK® Scolmore GROUP

## RED AND GREEN OUTBOARD ROCKER SOCKETS

Specialist sockets for healthcare environments.



20 YEAR GUARANTEE

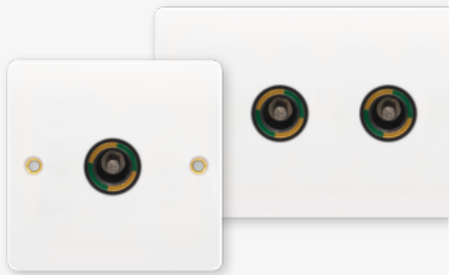
ANTIBACTERIAL & ANTIVIRAL CERTIFIED

LASER ETCHING

# CLICK® Scolmore GROUP

## SUPPLEMENTARY EQUIPOTENTIAL BONDING CONNECTION POINTS

Supplied in a Mode® anti-microbial plate to match their full range of wiring accessories.



20 YEAR GUARANTEE

ANTIBACTERIAL & ANTIVIRAL CERTIFIED

LASER ETCHING

# CLICK® Scolmore GROUP

## BLUE MEDICAL SOCKET OUTLETS

Medical Equipment Only sockets. Strength tested and approved to BS1363 offering assured quality and safety.

20 YEAR GUARANTEE

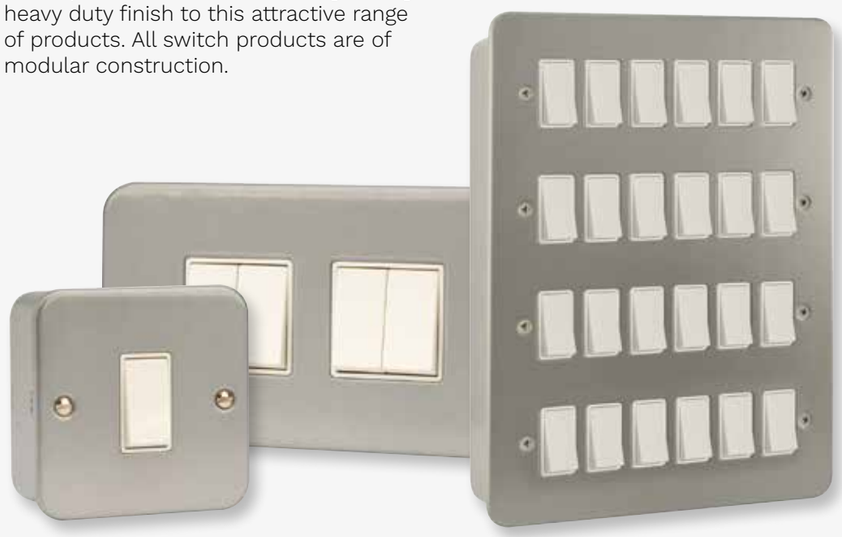
ANTIBACTERIAL & ANTIVIRAL CERTIFIED

LASER ETCHING

# essentials™

## METAL CLAD ACCESSORIES

Electrophoretically coated plates and back boxes provide a durable and long lasting heavy duty finish to this attractive range of products. All switch products are of modular construction.



10 YEAR GUARANTEE

HEAVY DUTY FINISH

NEW MEDIA™ PLATES

MINIGRID® MODULES

# IEC LOCK

## UNIQUE LOCKABLE CONNECTORS

Guards against accidental disconnection of any critical medical equipment and devices.

IEC LOCK C13 TO C14

RELEASE LOCKING MECHANISM

PREVENTS ACCIDENTAL DISCONNECTION

C13 LOCKABLE CONNECTOR

C19 LOCKABLE CONNECTOR

IEC LOCK C13 TO 13A UK PLUG

IEC LOCK C19 TO 13A UK PLUG

# CLiCK® Scolmore GROUP

## WIDE ROCKER SWITCHES

The easily visible wide rockers make them the ideal choice for assisted living installations and to aid with Part M™ compliance.

20 YEAR GUARANTEE

ANTIBACTERIAL & ANTIVIRAL CERTIFIED

# Part M Range™

## VISUALLY CONTRASTING WIRING ACCESSORIES

Solutions that comply with current Building Regulations Part M™.

20 YEAR GUARANTEE

ANTIBACTERIAL & ANTIVIRAL CERTIFIED

MINIGRID® MODULES

# CLiCK® Scolmore GROUP

## LOCATING PLUG SOCKETS

The contoured shape of the front plate guides the earth pin into place for complete ease of use.

20 YEAR GUARANTEE

LOCATING SOCKET

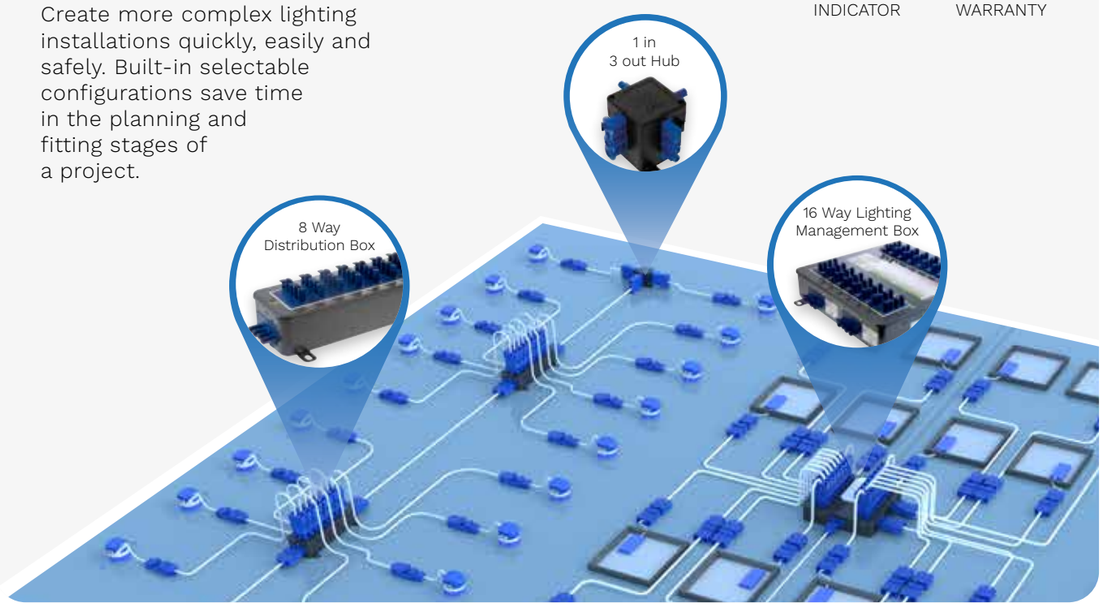
ANTIBACTERIAL & ANTIVIRAL CERTIFIED

## FLOW™ MANAGEMENT BOXES

Create more complex lighting installations quickly, easily and safely. Built-in selectable configurations save time in the planning and fitting stages of a project.

VISIBLE POWER INDICATOR

10 YEAR WARRANTY




## E-SPRITE

Eco Commercial LED Downlights, available in 9W, 15W, 25W or 30W. Supplied with CCT switches as standard and pre-wired with a Fast Fit Flow™ connector or 3 in 1 multi-function dimming option for a quicker and easier installation.

3 YEAR WARRANTY

MULTI-FUNCTION DIMMABLE

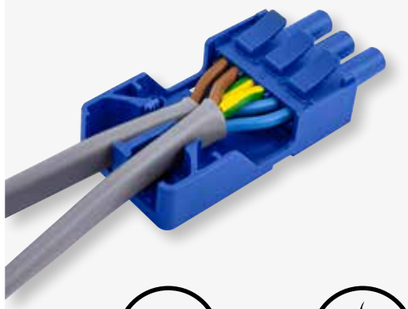
PRE-WIRED FLOW™ CONNECTOR

100° BEAM ANGLE

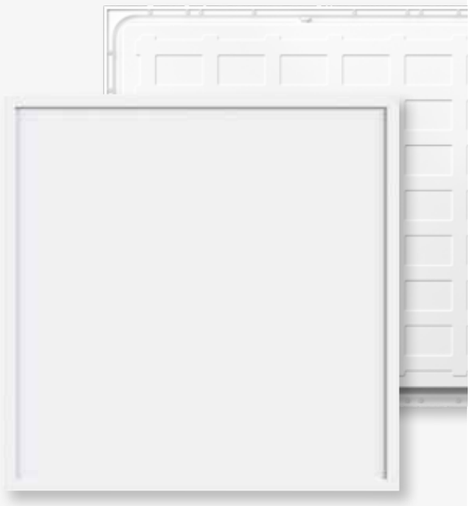
UP TO 30,000 HOUR LIFETIME

## INCEPTOR® SLATE BACKLIT

The Inceptor® Slate Backlit has a low UGR diffuser with a TP(a) thermoplastic rating, making it suitable for all working environments.



Pre-wired Flow™ Connector



5 YEAR WARRANTY

THERMOPLASTIC RATING

DIMMABLE AVAILABLE

120° BEAM ANGLE

UP TO 50,000 HOUR LIFETIME

## SPRITE

Aluminium LED Downlights, supplied with Triac Dimmable Drivers pre-wired with a Fast Fit Flow™ connector or 3 in 1 multi-function dimming option for a quicker and easier installation.

5 YEAR WARRANTY

IP54 RATED

MULTI-FUNCTION DIMMABLE

PRE-WIRED FLOW™ CONNECTOR

60° BEAM ANGLE

UP TO 50,000 HOUR LIFETIME

## FLOW™ CONNECTORS

250V 20A 3 and 4 pole push-fit connectors.

10 YEAR WARRANTY

IP20 RATED

## CONTROL SENSORS

Recessed 360° low profile, flush PIR sensors.

INFRARED SENSOR

5 YEAR WARRANTY

INDOOR USE

## INCEPTOR® U-LITE

These non-corrosive linear LED lights are protected against the elements and self-test as standard. Inceptor® U-Lite fittings are available in 3 different lengths and each length is available in a single fluorescent lamp and a twin lamp equivalent output.

MICROWAVE SENSOR VERSION AVAILABLE

EMERGENCY VERSION AVAILABLE

4000K, 5000K & 6500K

5 YEAR WARRANTY

IP65 RATED

IMPACT PROTECTION

## MULTI-FUNCTION DIMMABLE DRIVERS

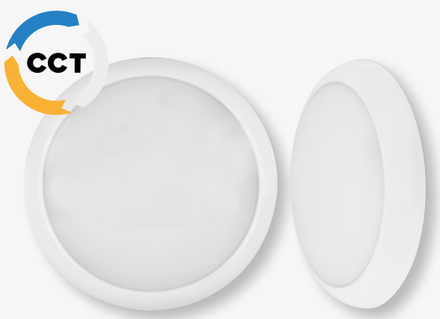
DALI, Switch Dim and 1-10V. 3 dimming options in 1 driver.

5 YEAR WARRANTY

MULTI-FUNCTION DIMMABLE

## INCEPTOR® EVO DECO XL

LED bulkheads with CCT switch. Microwave sensor, emergency and corridor function available.



5 YEAR WARRANTY

IP54 RATED

MICROWAVE SENSOR VERSION AVAILABLE

## DUCERI® EMERGENCY LIGHTING

This comprehensive, contemporary product range includes Exit Signs, Downlights, Twin Spots and Bulkheads as well as the new Self-Test range.

5500K
COLOUR TEMPERATURE

GREEN LED INDICATORS

3HR
EMERGENCY DURATION

## HDVIEW IP™ 24/7 COLOUR CCTV

5MP and 8MP dome or bullet IP PoE CCTV cameras. 24/7 8MP NVRs also available.

8MP
LIVE VIEW & RECORDING

ESP APP
REMOTE MONITORING

PoE
POWER OVER ETHERNET

## HDVIEW IP™ 5MP IP PTZ CAMERA

Full 360° pan, tilt and zoom operation.

5MP
5 MEGAPIXEL

IP66
IP66 RATED

PoE
POWER OVER ETHERNET

## APERTA® PROXIMITY SINGLE DOOR ENTRY

Aperta® single way systems require only 2 wires throughout. All outdoor stations and monitors are powered by a single power supply.

SILVER OR BLACK KEYPAD

IP65
IP65 RATED KEYPAD

## BEACON® DISABLED REFUGE

The Master Station and Assist Call Alarm Kit work in conjuction and are fully compliant to BS8300.

2YR
2 YEAR WARRANTY

EASY TO INSTALL

## MAGDUO® FIRE PANELS

2, 4 and 8 zone two wire fire panels, available in black or grey finishes.

UK
MADE IN THE UK

EUROPEAN QUALITY STANDARD

CPR COMPLIANT
CPR COMPLIANT

## MAGFIRE® FIRE PANELS

Addressable fire panels, available in white and grey finishes.

EN54
CERTIFIED TO EN54

RoHS COMPLIANT 2002/95/EC
ROHS COMPLIANT

CPR COMPLIANT
CPR COMPLIANT

## Q-CRIMP®

### A COMPREHENSIVE RANGE OF CABLE ACCESSORIES

All products within the Q-Crimp® range are manufactured under stringent quality control systems and are fully compliant with the very latest industry regulations.

The Q-Crimp® range includes:

- **Cable ties & accessories**
- **Crimp terminals**
- **PVC tape**
- **Copper tube terminals**
- **Cable clips**
- **Brass & nylon glands**
- **Plugs & sleeving**
- **Grommet & cleats**
- **Adhesives**
- **Earthing**

## Q-NECT

### STRONG, QUICK AND RELIABLE SOLUTIONS

The new Q-Nect range offers great versatility for electrical connections. Each product is packed with features which makes your installations quicker and easier.

The Q-Nect range includes:

- **2, 3 & 5 way lever connectors**
- **IP66 weatherproof junction box**
- **2 & 3 way IP connection boxes**
- **5 pole, 3 way IP68 'T' & inline connectors**

## Q-FIRE

### THE COMPLETE FIRE RANGE

The Q-Fire range of fire-rated products provides installers with solutions that will help satisfy the latest IET wiring regulations. Providing everything required to harness cable between the consumer unit and the end accessory.

The Q-Fire range includes:

- **Saddle clips & P-clips**
- **Fire safe cable clips**
- **Stainless steel mounts**
- **All-round banding**
- **Stainless steel cable ties**
- **Fire resistant expanding foam**
- **Fire safe metal cable cleats**

## OB1™ MULTI-SURFACE CONSTRUCTION SEALANT & ADHESIVE

### MULTI-SURFACE SEALANT AND ADHESIVE

The No.1 hybrid sealant and adhesive by the trade, OB1™ bonds and seals a range of materials including aluminium, wood, plastic, metal, steel, mirror, lead, concrete, glass, tile, polycarbon, PVC and felt. OB1™ also works in damp conditions and even under water.

WEATHER RESISTANT

DOES NOT SHRINK

UNIQUE FLEXIBILITY

NO SOLVENTS OR ISOCYANATES

PAINTABLE

# HOTEL & LEISURE

Maximise productivity whilst reducing operational costs to ensure your hotel project provides a comfortable, safe and efficient experience for all staff and guests.

## HOTELS & GUEST HOUSES

CLiCK OVIA ESP UNICRIMP

### DECORATIVE

- Click® Wiring Accessories
- Minigrid® Modules

### INDOOR & OUTDOOR LIGHTING

- Inceptor® Ace Floodlights
- Inceptor® Murus Wall Packs
- Inceptor® Evo Bulkheads
- Ovia® Gator LED Street Lighting
- Ovia® Garden Lighting
- Inceptor® Intense Strip Lights
- Ovia® Sprite Downlights
- Inceptor® Duo
- Inceptor® Omni V2 & Nano V2 Downlights

### FLEXIBILITY

- Elucian Consumer Units
- Elucian AFDDs
- ClickSmart+ Wiring Accessories

### ACCESSIBILITY

- Beacon® Disabled Refuge

### COMPLETE CONTROL

- Key Lockable Switches & Sockets
- Dual Mode Dimmer
- New Media™ & Gridpro® Hotel Accessories

### FIRE SAFETY

- MagDuo® Two Wire Fire Panels
- MagFire® Addressable Fire System Devices

### CONNECTIVITY & CONTROL

- Flow™ Wiring Accessories

### ENERGY SAVING

- OVIA® Control Sensors
- Inceptor® Evo Bulkheads

### SAFETY & SECURITY

- Duceri® Emergency Lighting
- HDview IP™ PTZ Camera

### ACCESS CONTROL

- Aperta IP® PoE outdoor Station
- CCTV & Access Control

### CABLE ACCESSORIES

- Q-Crimp® Range
- Q-Fire Range
- Q-Nect Range
- OB1™

elucian

# The Complete Consumer Unit

A Comprehensive Circuit Protection & Consumer Unit Range.

10 YR
10 YEAR WARRANTY

METAL CONSUMER UNITS

VARIABLE KOCKOUTS

MAINS SWITCH TAIL CLAMP

CLICK Scolmore GROUP

## KEY LOCKABLE SWITCHES AND SOCKETS

Stop unauthorised or unsupervised use.

CLEAR INDICATION

MULTIPLE STYLES & FINISHES

ENERGY EFFICIENT

elucian

# Increase Protection **with AFDDs**

3 YR
3 YEAR WARRANTY

B
B CURVE DEVICES

C
C CURVE DEVICES

LARGE TERMINAL CAPACITY

ClickSmart+

# A Smarter Home

WORKS WITH alexa

WORKS WITH Hey Google

Every device can be controlled from anywhere using the Click Smart+ app or with Alexa and Hey Google.

## NEW MEDIA™ MODULES

Flexible build solution to a host of individual media transfer requirements.

NO YOKE
ON SINGLE TIER PLATES

CLIP IN MODULES

STANDARD WIDTH EURO MODULE

## HOTEL ACCESSORY PLATE, KEYCARD SWITCH & ILLUMINATED MODULES

Reduce operational costs whilst providing the hotel project with a safe and efficient experience for both staff and guests.

LASER ETCHING

GRIDPRO® MODULES

NEW MEDIA™ MODULES

MULTIPLE STYLES & FINISHES

## CLICK® DECORATIVE WIRING ACCESSORIES

A comprehensive range of premium metal wiring accessories. Available in a wide ranges of styles and finishes. All brands are synonymous with high specification, exceptional quality and unprecedented value.

LASER ETCHING

GRIDPRO® MODULES

MINIGRID® MODULES

## DUAL MODE DIMMER

Eliminate dimmer flickering!

NEVER RE-SETS

EASY TO PROGRAM

ELIMINATE FLICKERING

## GARDEN LIGHTING

New Amenity lighting, wall and ground lights.

3 YEAR WARRANTY

UP TO 50,000 HOUR LIFETIME

## SPRITE

Aluminium LED Downlights, supplied with Triac Dimmable Drivers pre-wired with a Fast Fit Flow™ connector or 3 in 1 multi-function dimming option.

5 YEAR WARRANTY

IP54 RATED

UP TO 50,000 HOUR LIFETIME

## INCEPTOR® DUO

A sleek up and down dimmable linear luminaire. The fitting is available in 2 lengths and 3 different colour options to suit all décor.

UP TO 50,000 HOUR LIFETIME

5 YEAR WARRANTY

EMERGENCY VERSION AVAILABLE

## GATOR

Ideal for lighting larger outdoor areas. The Gator LED street lights are designed to be easy to install via toolless entry.

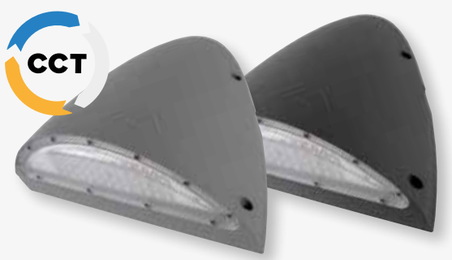
5 YEAR WARRANTY

IP66 RATED

IMPACT PROTECTION

## INCEPTOR® MURUS

A range of LED wall packs, boasting an IK10 rating, ideal for use in outdoor environments. Available in either anthracite grey or light grey finishes.




5 YEAR WARRANTY

IP66 RATED

IMPACT PROTECTION

## E-SPRITE

Eco Commercial LED Downlights, available in 9W, 15W, 25W or 30W. Supplied with CCT switches as standard and pre-wired with a Fast Fit Flow™ connector or 3 in 1 multi-function dimming option.

3 YEAR WARRANTY

UP TO 30,000 HOUR LIFETIME

5 YEAR WARRANTY

30, 60, 90 MIN FIRE RATING

PRE-WIRED FLOW™ CONNECTOR

## INCEPTOR® NANO$^{V2}$

Fire-rated LED downlight. Shallow recess depth with a powerful SMD light source, paired with a 60° multi-faceted, halogen-effect lens for exceptional light quality.

## INCEPTOR® OMNI$^{V2}$

Fire-rated 6W fixed and adjustable LED downlight. The Omni$^{V2}$ features an integrated 3 Pole Flow™ connector with built in driver and CCT switch which grants the ability to change the colour temperature instantly.

## INCEPTOR® INTENSE

These 24V LED strips come in pre-cut lengths from 0.5m to 5m, offering complete versatility and ensuring a quick and easy installation.

- 3 YR — 3 YEAR WARRANTY
- IP65 — IP65 RATING AVAILABLE
- 3000K 4000K — COOL OR WARM WHITE

## INCEPTOR® EVO

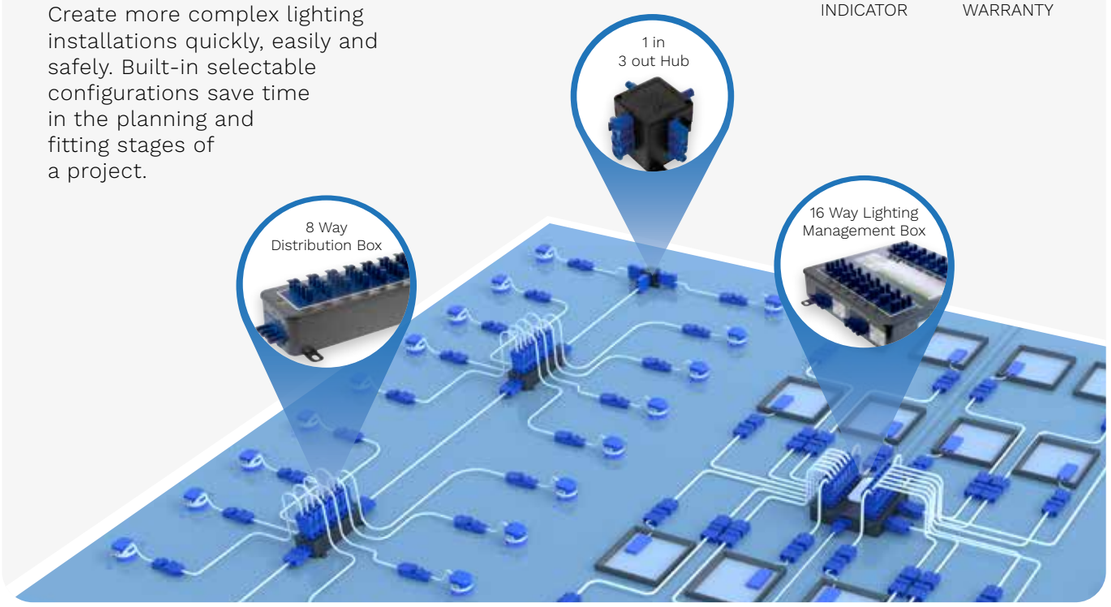
LED bulkhead with a pre-installed Flow™ connector. IK08 impact-resistant polycarbonate body. Microwave sensor, emergency and corridor function available.

- 5 YR — 5 YEAR WARRANTY
- IP65 — IP65 RATED
- IK10 — IK10 ENCLOSURES

## FLOW™ MANAGEMENT BOXES

Create more complex lighting installations quickly, easily and safely. Built-in selectable configurations save time in the planning and fitting stages of a project.

- VISIBLE POWER INDICATOR
- 10 YR — 10 YEAR WARRANTY




## CONTROL SENSORS

Recessed 360° low profile, flush PIR sensors.

- INFRARED SENSOR
- 5 YR — 5 YEAR WARRANTY
- INDOOR USE

## FLOW™ CONNECTORS

250V 20A 3 and 4 pole push-fit connectors.

- 10 YR — 10 YEAR WARRANTY
- IP20 — IP20 RATED

## INCEPTOR® ACE

Inceptor® Ace adjustable LED asymmetric floodlights provide a high quality range of indoor and outdoor lighting with modern aesthetics. Up to 300W versions available in a black finish with 4000K cool white LEDs.

- UP TO 50,000 HOUR LIFETIME
- IK06 — IMPACT PROTECTION
- 5 YR — 5 YEAR WARRANTY
- IP65 — IP65 RATED
- 4000K — COLOUR TEMPERATURE

## DUCERI® EMERGENCY LIGHTING

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5500K
COLOUR TEMPERATURE

GREEN LED INDICATORS

3HR
EMERGENCY DURATION

## HDVIEW IP™ 24/7 COLOUR CCTV

5MP and 8MP dome or bullet IP PoE CCTV cameras. 24/7 8MP NVRs also available.

8MP
LIVE VIEW & RECORDING

ESP APP
REMOTE MONITORING

PoE
POWER OVER ETHERNET

## HDVIEW IP™ 5MP IP PTZ CAMERA

Full 360° pan, tilt and zoom operation.

5MP
5 MEGAPIXEL

IP66
IP66 RATED

PoE
POWER OVER ETHERNET

## MAGDUO® FIRE PANELS

2, 4 and 8 zone two wire fire panels, available in black or grey finishes.

UK
MADE IN THE UK

EUROPEAN QUALITY STANDARD

CPR COMPLIANT
CPR COMPLIANT

## MAGFIRE® FIRE PANELS

Addressable fire panels, available in white and grey finishes.

EN54
CERTIFIED TO EN54

RoHS COMPLIANT 2002/95/EC
ROHS COMPLIANT

CPR COMPLIANT
CPR COMPLIANT

## APERTA® IP POE SINGLE WAY OUTDOOR STATION

Features HD video and duplex audio, IP65 housing, and a variety of different electronic lock interfaces.

APP
APP FUNCTION

IP65
IP65 RATED

PoE
POWER OVER ETHERNET

## BEACON® DISABLED REFUGE

The Master Station and Assist Call Alarm Kit work in conjuction and are fully compliant to BS8300.

2YR
2 YEAR WARRANTY

EASY TO INSTALL

## Q-CRIMP®

### A COMPREHENSIVE RANGE OF CABLE ACCESSORIES

All products within the Q-Crimp® range are manufactured under stringent quality control systems and are fully compliant with the very latest industry regulations.

The Q-Crimp® range includes:

- **Cable ties & accessories**
- **Crimp terminals**
- **PVC tape**
- **Copper tube terminals**
- **Cable clips**
- **Brass & nylon glands**
- **Plugs & sleeving**
- **Grommet & cleats**
- **Adhesives**
- **Earthing**

## Q-NECT

### STRONG, QUICK AND RELIABLE SOLUTIONS

The new Q-Nect range offers great versatility for electrical connections. Each product is packed with features which makes your installations quicker and easier.

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- **IP66 weatherproof junction box**
- **2 & 3 way IP connection boxes**
- **5 pole, 3 way IP68 'T' & inline connectors**

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### THE COMPLETE FIRE RANGE

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- **Fire safe cable clips**
- **Stainless steel mounts**
- **All-round banding**
- **Stainless steel cable ties**
- **Fire resistant expanding foam**
- **Fire safe metal cable cleats**

## OB1 MULTI-SURFACE CONSTRUCTION SEALANT & ADHESIVE

### MULTI-SURFACE SEALANT AND ADHESIVE

The No.1 hybrid sealant and adhesive by the trade, OB1™ bonds and seals a range of materials including aluminium, wood, plastic, metal, steel, mirror, lead, concrete, glass, tile, polycarbon, PVC and felt. OB1™ also works in damp conditions and even under water.

WEATHER RESISTANT

DOES NOT SHRINK

UNIQUE FLEXIBILITY

NO SOLVENTS OR ISOCYANATES

PAINTABLE

# EDUCATION

We have a portfolio of products that are ideal for environments where improved safety features are beneficial, giving your project ultimate electrical protection.

SCHOOL, COLLEGE & UNIVERSITY

CLiCK OVIA ESP UNICRIMP SANGAMO

## ANTIBACTERIAL & ANTIVIRAL

- Mode® Wiring Accessories
- Part M™ Visually Contrasting Wiring Accessories

## FLEXIBILITY

- GridPro® Front Plates
- New Media™ Cable Solutions

## LIGHTING

- Inceptor® A-Lite & B-Lite
- Inceptor® Ace Floodlights
- Ovia® Evo Orb
- Inceptor® Intense Strip Lights
- Inceptor® Slate Backlit Panels
- Ovia® Alupanel & Polypanel

## COMPLETE CONTROL

- Key Lockable Switches & Sockets
- Dual Mode Dimmer

## DURABILITY

- Essentials™ Metal Clad Solutions

## FIRE SAFETY

- MagDuo® Two Wire Fire Panels
- MagFire® Addressable Fire System Devices

## CONNECTIVITY & CONTROL

- Flow™ Wiring Accessories
- Sangamo Round Pattern Time Switches
- Sangamo Powersaver Controller

## ENERGY SAVING

- OVIA® Control Sensors

## SAFETY & SECURITY

- Duceri® Emergency Lighting
- HDview IP™ 24/7 Colour CCTV

## ACCESS CONTROL

- CCTV & Access Control
- Aperta® Proximity Single Door Entry Kits
- Aperta® Contactless Exit Button

## CABLE ACCESSORIES

- Q-Crimp® Range
- Q-Fire Range
- Q-Nect Range
- OB1™

GRIDPRO®

## MEDIA MODULES

Interchangeable with the GridPro® front plates.

NO YOKE

1-4 GANG FRONT PLATES

CLIP ON MODULES

MINIGRID®

## DUAL MODE DIMMER

Eliminate dimmer flickering!

NEVER RE-SETS

EASY TO PROGRAM

ELIMINATE FLICKERING

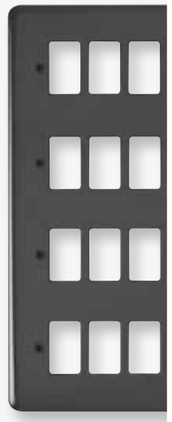
GRIDPRO®

## FRONT PLATES

1 - 24 gang front plates designed for GridPro® are available from each of the existing Click® wiring accessory ranges.

CLIP ON MODULES

MULTIPLE STYLES & FINISHES



new media™

## CABLE SOLUTIONS

Media and power modules; providing the installer with a host of solutions for all manner of media cabling problems.

essentials™

## METAL CLAD ACCESSORIES

Electrophoretically coated plates and back boxes. All switch products are of modular construction.

10 YR

10 YEAR GUARANTEE

HEAVY DUTY FINISH

CLICK® Scolmore GROUP

## KEY LOCKABLE SWITCHES AND SOCKETS

Stop unauthorised or unsupervised use.

CLEAR INDICATION

MULTIPLE STYLES & FINISHES

ENERGY EFFICIENT

MODE®

## SMOOTH PROFILE WIRING ACCESSORIES

All Mode® switch plates are modular as standard, allowing you to create virtually any switch plate you require.

MINIGRID® MODULES

ANTIBACTERIAL & ANTIVIRAL CERTIFIED

20 YR

20 YEAR GUARANTEE

Part M Range™

## VISUALLY CONTRASTING WIRING ACCESSORIES

Solutions that comply with current Building Regulations Part M™.

20 YR

20 YEAR GUARANTEE

ANTIBACTERIAL & ANTIVIRAL CERTIFIED

MINIGRID® MODULES

## INCEPTOR® B-LITE

Linear batten multi-current LED light. Microwave sensor and emergency versions available.

- 5 YEAR WARRANTY
- IP20 RATED
- IMPACT PROTECTION

## ALUPANEL

IP44 recessed LED downlights. Dimmable when utilising the multi-function dimmable driver.

- 3 YEAR WARRANTY
- 120° BEAM ANGLE
- COOL OR WARM WHITE

## POLYPANEL

6W, 12W and 18W recessed LED downlights.

- 2 YEAR WARRANTY
- 110° BEAM ANGLE
- COOL OR WARM WHITE

## INCEPTOR® A-LITE

College LED linear batten. Microwave sensor and emergency versions available.

- 5 YEAR WARRANTY
- IP20 RATED
- THERMOPLASTIC RATING

## INCEPTOR® ACE

Adjustable LED asymmetric floodlights. Up to 300W versions available in a black finish with 4000K cool white LEDs.

- 5 YEAR WARRANTY
- IP65 RATED
- UP TO 50,000 HOUR LIFETIME

## FLOW™ MANAGEMENT BOXES

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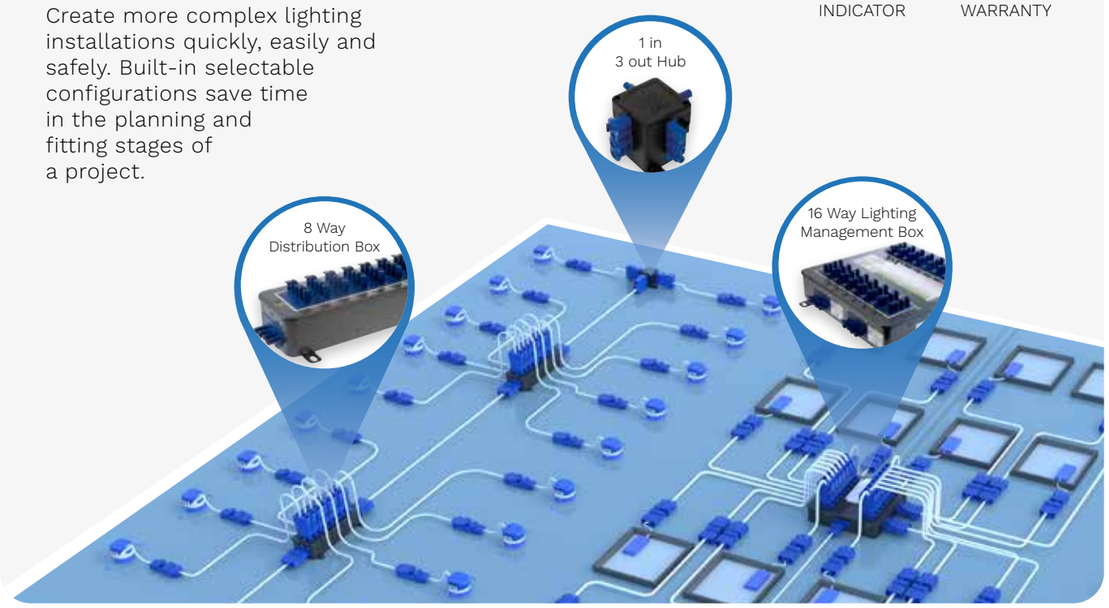
- 10 YEAR WARRANTY



## INCEPTOR® INTENSE 24V LED STRIPS

Ovia® LED strips come in pre-cut lengths from 0.5m to 5m, offering complete versatility and ensuring a quick and easy installation. This coupled with designated cutting points allows total flexibility for every installation.

3 YEAR WARRANTY

IP65 RATING AVAILABLE

3000K 4000K

COOL OR WARM WHITE

RGBW

COLOUR OPTIONS

## INCEPTOR® DUO

A sleek up and down dimmable linear luminaire. The fitting is available in 2 lengths and 3 different colour options to suit all décor.

UP TO 50,000 HOUR LIFETIME

5 YEAR WARRANTY

EMERGENCY VERSION AVAILABLE

## EVO ORB

LED bulkheads. Microwave sensor, emergency, corridor function and self test available.

5 YEAR WARRANTY

IP65 RATED

IK08 BEZELS

## INCEPTOR® SLATE BACKLIT UGR

Low-glare backlit LED panels.

5 YEAR WARRANTY

<19 UGR

UNIFIED GLARE RATING

TP(a)

THERMOPLASTIC RATING

## FLOW™ CONNECTORS

250V 20A 3 and 4 pole push-fit connectors.

10 YEAR WARRANTY

IP20 RATED

## CONTROL SENSORS

Recessed 360° low profile, flush PIR sensors.

INFRARED SENSOR

5 YEAR WARRANTY

INDOOR USE

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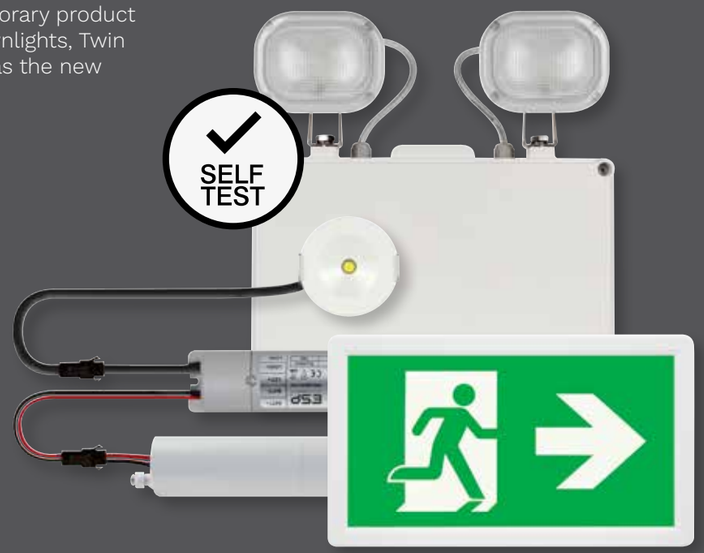


5500K
COLOUR TEMPERATURE

GREEN LED INDICATORS

3HR
EMERGENCY DURATION

## APERTA® PROXIMITY SINGLE DOOR ENTRY KITS

- Easy install, simple self-contained programming
- Up to 1,010 key tag holders or pin numbers
- 2 separate user groups
- 2 relay outputs
- Anti-tamper option
- Weather/dust proof
- IP65 robust construction
- Complete with 10 tags

IP65
IP65 RATED

EASY TO INSTALL

SILVER OR BLACK KEYPAD

## HDVIEW IP™ 24/7 COLOUR CCTV

5MP and 8MP dome or bullet IP PoE CCTV cameras. 24/7 8MP NVRs also available.

8MP
LIVE VIEW & RECORDING

ESP APP
REMOTE MONITORING

PoE
POWER OVER ETHERNET

## SANGAMO

### TIME SWITCHES AND HEATING CONTROLS

Sangamo offers a wide range of time switches and heating controls designed for industrial use.

24HR
24 HOUR DISPLAY

## MAGDUO® FIRE PANELS

2, 4 and 8 zone two wire fire panels, available in black or grey finishes.

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MADE IN THE UK

EUROPEAN QUALITY STANDARD

CPR COMPLIANT
CPR COMPLIANT

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WEATHER RESISTANT

DOES NOT SHRINK

UNIQUE FLEXIBILITY

NO SOLVENTS OR ISOCYANATES

PAINTABLE

# COMMERCIAL

We have a range of products designed to help you deliver solutions to make commercial settings more sustainable, efficient, smart and connected. Maximise on comfort and life cycle flexibility by taking advantage of what we can offer.

OFFICES & RETAIL

CLiCK OVIA ESP UNICRIMP

## ANTIBACTERIAL & ANTIVIRAL

- Mode® Wiring Accessories
- Part M™ Visually Contrasting Wiring Accessories

## FLEXIBILITY

- GridPro® & Minigrid® Front Plates & Modules

## ACCESSIBILITY

- Beacon® Disabled Refuge

## LIGHTING

- Inceptor® Slate Backlit Panels
- Inceptor® Skylar Panels
- Inceptor® Evo Bulkheads
- Inceptor® Apto Downlights
- OVIA® Sprite Downlights
- Inceptor® Duo
- Inceptor® A-Lite

## DURABILITY

- Essentials™ Metal Clad Solutions

## FIRE SAFETY

- MagDuo® Two Wire Fire Panels
- MagFire® Addressable Fire System Devices

## CONNECTIVITY & CONTROL

- Flow™ Wiring Accessories

## ENERGY SAVING

- OVIA® Control Sensors
- Inceptor® Evo Bulkheads

## SAFETY & SECURITY

- Duceri® Emergency Lighting
- HDview IP™ PTZ Camera
- HDview IP™ 24/7 Colour CCTV

## ACCESS CONTROL

- Aperta IP® PoE outdoor Station
- CCTV & Access Control

## CABLE ACCESSORIES

- Q-Crimp® Range
- Q-Fire Range
- Q-Nect Range
- OB1™

# MODE®

## SMOOTH PROFILE WIRING ACCESSORIES

All Mode® switch plates are modular as standard, allowing you to create virtually any switch plate you require.

MINIGRID® MODULES

ANTIBACTERIAL & ANTIVIRAL CERTIFIED

20 YEAR GUARANTEE

# essentials™

## METAL CLAD ACCESSORIES

Electrophoretically coated plates and back boxes provide a durable and long lasting heavy duty finish to this attractive range of products. All switch products are of modular construction.

10 YEAR GUARANTEE

NEW MEDIA™ MODULES

GRIDPRO® MODULES

# MINIGRID®

## MODULAR DESIGN

All MiniGrid® modules are easily and quickly mounted or installed onto unfurnished plates by a simple single screw fixing.

LASER ETCHING

# GRIDPRO®

## FRONT PLATES

1 - 24 gang front plates designed for GridPro® are available from each of the existing Click® wiring accessory ranges.

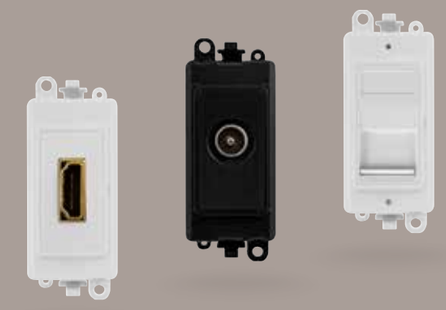
CLIP ON MODULES

MULTIPLE STYLES & FINISHES

# GRIDPRO®

## MEDIA MODULES

Interchangeable with the GridPro® front plates.



1-4 GANG FRONT PLATES

CLIP ON MODULES

SCREW-IN MODULES

# Part M Range™

## VISUALLY CONTRASTING WIRING ACCESSORIES

Solutions that comply with current Building Regulations Part M™.

20 YEAR GUARANTEE

ANTIBACTERIAL & ANTIVIRAL CERTIFIED

MINIGRID® MODULES

LASER ETCHING

## INCEPTOR® SLATE BACKLIT

TP(a) rated backlit panel lights. Burgess ceiling bracket also available.

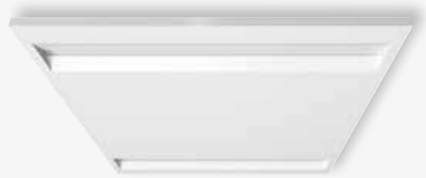
5 YEAR WARRANTY

IP20 RATED

THERMOPLASTIC RATING

## INCEPTOR® SKYLAR UGR16

Features an ultra low UGR diffuser which minimises glare and focuses the light towards the object of illumination with its narrow 70° beam angle.



5 YEAR WARRANTY

IP20 RATED

UNIFIED GLARE RATING

## SPRITE

Aluminium LED Downlights, supplied with Triac Dimmable Drivers pre-wired with a Fast Fit Flow™ connector or 3 in 1 multi-function dimming option.

5 YEAR WARRANTY

IP54 RATED

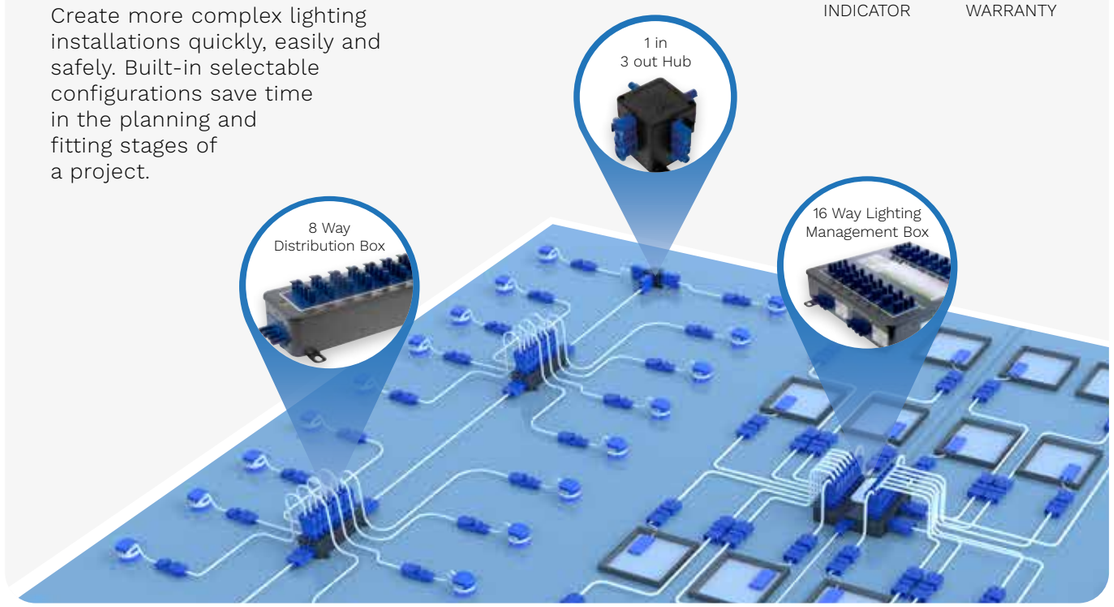
UP TO 50,000 HOUR LIFETIME

## FLOW™ MANAGEMENT BOXES

Create more complex lighting installations quickly, easily and safely. Built-in selectable configurations save time in the planning and fitting stages of a project.

VISIBLE POWER INDICATOR

10 YEAR WARRANTY




## INCEPTOR® DUO

A sleek up and down dimmable linear luminaire. The fitting is available in 2 lengths and 3 different colour options to suit all décor.

UP TO 50,000 HOUR LIFETIME

5 YEAR WARRANTY

EMERGENCY VERSION AVAILABLE

## E-SPRITE

Eco Commercial LED Downlights, available in 9W, 15W, 25W or 30W. Supplied with CCT switches as standard and pre-wired with a Fast Fit Flow™ connector or 3 in 1 multi-function dimming option.

3 YEAR WARRANTY

IP20 RATED

UP TO 30,000 HOUR LIFETIME

## INCEPTOR® EVO

LED bulkhead with a pre-installed Flow™ connector. IK08 impact-resistant polycarbonate body. Microwave sensor, emergency and corridor function available.

5 YEAR WARRANTY

IP65 RATED

IK10 ENCLOSURES

## METAL ENCLOSURES

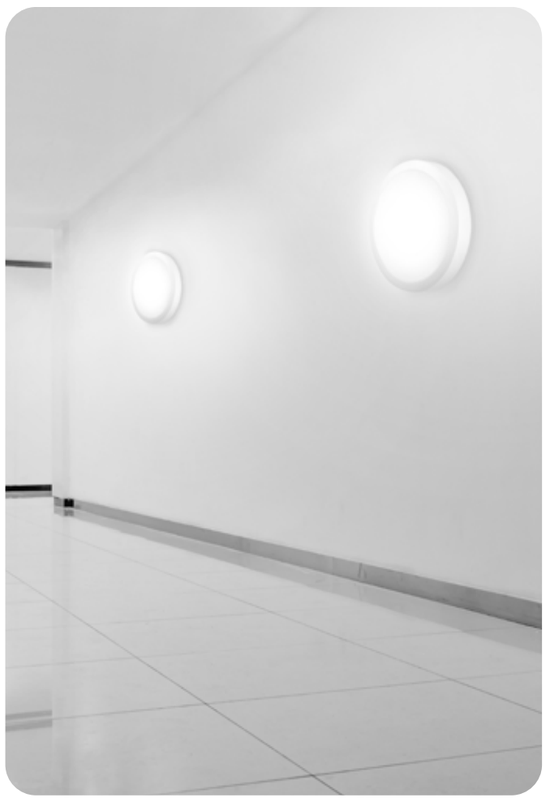
The robust polycarbonate construction (IK08) can be enhanced further by encasing the body in an additional metal enclosure, providing excellent vandal resistant protection (IK10).

*METAL HOUSING SOLD SEPARATELY.

5 YEAR WARRANTY

IP65 RATED

IMPACT RATING



## FLOW™ CONNECTORS

250V 20A 3 and 4 pole push-fit connectors.

10 YEAR WARRANTY

IP20 RATED

## INCEPTOR® A-LITE

LED linear batten. Microwave sensor and emergency versions available.

5 YEAR WARRANTY

IP20 RATED

THERMOPLASTIC RATING

## INCEPTOR® APTO

Adaptable downlight with CCT switch.

VENTED THERMAL MANAGEMENT

3 YEAR WARRANTY

MAGNETIC BEZEL & DIFFERENT FINISHES

## CONTROL SENSORS

Recessed 360° low profile, flush PIR sensors.

INFRARED SENSOR

5 YEAR WARRANTY

INDOOR USE

## DUCERI® EMERGENCY LIGHTING

This comprehensive, contemporary product range includes Exit Signs, Downlights, Twin Spots and Bulkheads as well as the new Self-Test range.

5500K
COLOUR TEMPERATURE

GREEN LED INDICATORS

3HR
EMERGENCY DURATION

## APERTA® IP POE SINGLE WAY OUTDOOR STATION

Features HD video and duplex audio, IP65 housing, and a variety of different electronic lock interfaces.

APP
APP FUNCTION

IP65
IP65 RATED

PoE
POWER OVER ETHERNET

## HDVIEW IP™ 5MP IP PTZ CAMERA

Full 360° pan, tilt and zoom operation.

5MP
5 MEGAPIXEL

IP66
IP66 RATED

PoE
POWER OVER ETHERNET

## MAGDUO® FIRE PANELS

2, 4 and 8 zone two wire fire panels, available in black or grey finishes.

UK
MADE IN THE UK

EUROPEAN QUALITY STANDARD

CPR COMPLIANT
CPR COMPLIANT

## MAGFIRE® FIRE PANELS

Addressable fire panels, available in white and grey finishes.

EN54
CERTIFIED TO EN54

RoHS COMPLIANT 2002/95/EC
ROHS COMPLIANT

CPR COMPLIANT
CPR COMPLIANT

## BEACON® DISABLED REFUGE

The Master Station and Assist Call Alarm Kit work in conjuction and are fully compliant to BS8300.

2YR
2 YEAR WARRANTY

EASY TO INSTALL

## HDVIEW IP™ 24/7 COLOUR CCTV

5MP and 8MP dome or bullet IP PoE CCTV cameras. 24/7 8MP NVRs also available.

8MP
LIVE VIEW & RECORDING

ESP APP
REMOTE MONITORING

PoE
POWER OVER ETHERNET

# Q-CRIMP®

## A COMPREHENSIVE RANGE OF CABLE ACCESSORIES

All products within the Q-Crimp® range are manufactured under stringent quality control systems and are fully compliant with the very latest industry regulations.

The Q-Crimp® range includes:

- **Cable ties & accessories**
- **Crimp terminals**
- **PVC tape**
- **Copper tube terminals**
- **Cable clips**
- **Brass & nylon glands**
- **Plugs & sleeving**
- **Grommet & cleats**
- **Adhesives**
- **Earthing**

# Q-NECT

## STRONG, QUICK AND RELIABLE SOLUTIONS

The new Q-Nect range offers great versatility for electrical connections. Each product is packed with features which makes your installations quicker and easier.

The Q-Nect range includes:

- **2, 3 & 5 way lever connectors**
- **IP66 weatherproof junction box**
- **2 & 3 way IP connection boxes**
- **5 pole, 3 way IP68 'T' & inline connectors**

# Q-FIRE

## THE COMPLETE FIRE RANGE

The Q-Fire range of fire-rated products provides installers with solutions that will help satisfy the latest IET wiring regulations. Providing everything required to harness cable between the consumer unit and the end accessory.

The Q-Fire range includes:

- **Saddle clips & P-clips**
- **Fire safe cable clips**
- **Stainless steel mounts**
- **All-round banding**
- **Stainless steel cable ties**
- **Fire resistant expanding foam**
- **Fire safe metal cable cleats**

# OB1™ MULTI-SURFACE CONSTRUCTION SEALANT & ADHESIVE

## MULTI-SURFACE SEALANT AND ADHESIVE

The No.1 hybrid sealant and adhesive by the trade, OB1™ bonds and seals a range of materials including aluminium, wood, plastic, metal, steel, mirror, lead, concrete, glass, tile, polycarbon, PVC and felt. OB1™ also works in damp conditions and even under water.

WEATHER RESISTANT

DOES NOT SHRINK

UNIQUE FLEXIBILITY

NO SOLVENTS OR ISOCYANATES

PAINTABLE

# INDUSTRIAL

With the emphasis on flexibility and ease of installation, many building design projects focus on products and services that can adapt to changing legislation, energy efficiency and the ever changing needs of the client. Our range of products designed with an industrial setting in mind help to maximise on higher levels of efficiency and productivity.

## INDUSTRIAL APPLICATIONS

CLICK® OVIA® ESP UNICRIMP® SANGAMO

### DURABILITY

- Essentials™ Metal Clad Solutions
- GridPro® Front Plates

### IP66 WATERPROOF

- Aquip66® Outdoor Switches & Sockets

### LIGHTING

- Inceptor® Hi-Lite Highbay
- Inceptor® B-Lite Linear Lights
- Ovia® U-Lite Linear Lights
- Inceptor® Ace LED Floodlighting
- Inceptor® Gator LED Street Lighting
- Inceptor® Murus LED Wall Packs

### COMPLETE CONTROL

- Click® Key Lockable Switches & Sockets

### FIRE SAFETY

- MagDuo® Two Wire Fire Panels
- MagFire® Addressable Fire System Devices

### CONNECTIVITY & CONTROL

- Flow™ Wiring Accessories
- Sangamo Bluetooth Din Rail Time Switches
- Sangamo Round Pattern Time Switches

### ENERGY SAVING

- OVIA® Control Sensors
- OVIA® Microwave Sensors

### SAFETY & SECURITY

- Duceri® Emergency Lighting
- HDview IP™ 24/7 Colour CCTV

### ACCESS CONTROL

- Aperta® Video Door Entry & Trades Button
- CCTV & Access Control

### CABLE ACCESSORIES

- Q-Crimp® Range
- Q-Fire Range
- Q-Nect Range
- OB1™

essentials™

## METAL CLAD ACCESSORIES

Electrophoretically coated plates and back boxes provide a durable and long lasting heavy duty finish to this attractive range of products. All switch products are of modular construction.

10 YR
10 YEAR GUARANTEE

HEAVY DUTY FINISH

NEW MEDIA™ PLATES

MINIGRID® MODULES

GRIDPRO®

## GRIDPRO® FRONT PLATES

1 - 24 gang front plates designed for GridPro® are available from each of the existing Click® wiring accessory ranges.

CLIP ON MODULES

MULTIPLE STYLES & FINISHES

CLICK® Scolmore GROUP

## KEY LOCKABLE SWITCHES AND SOCKETS

Stop unauthorised or unsupervised use.

STANDARD BRITISH PLUG

MULTIPLE STYLES & FINISHES

ENERGY EFFICIENT

SAFE & SECURE

CLEAR INDICATION

KEYS SUPPLIED

Aquip66®

## IP66 OUTDOOR SWITCHES AND SOCKETS

10A MiniGrid® or 20A GridPro® modules.

IP66
IP66 RATED

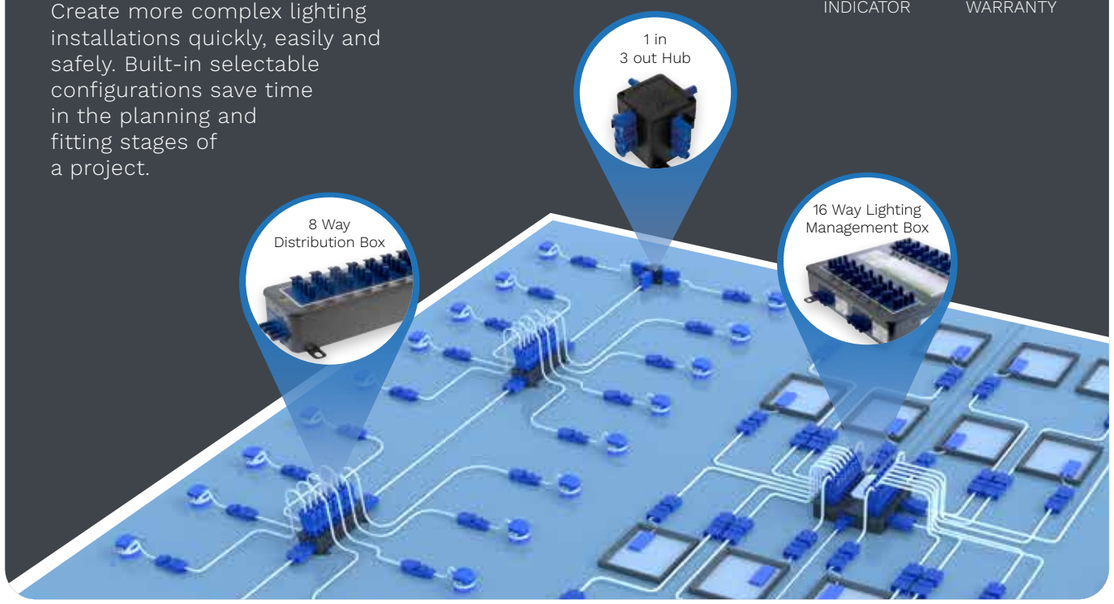
20MM
20MM KNOCK-OUTS

## FLOW™ MANAGEMENT BOXES

Create more complex lighting installations quickly, easily and safely. Built-in selectable configurations save time in the planning and fitting stages of a project.

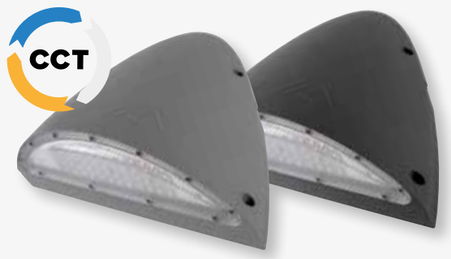
VISIBLE POWER INDICATOR

10 YEAR WARRANTY




## INCEPTOR® MURUS

A range of LED wall packs, boasting an IK10 rating, ideal for use in outdoor environments. Available in either anthracite grey or light grey finishes.




5 YEAR WARRANTY

IP66 RATED

IMPACT PROTECTION

## INCEPTOR® B-LITE

Linear batten multi-current LED light. Microwave sensor and emergency versions available.

5 YEAR WARRANTY

IP20 RATED

IMPACT PROTECTION

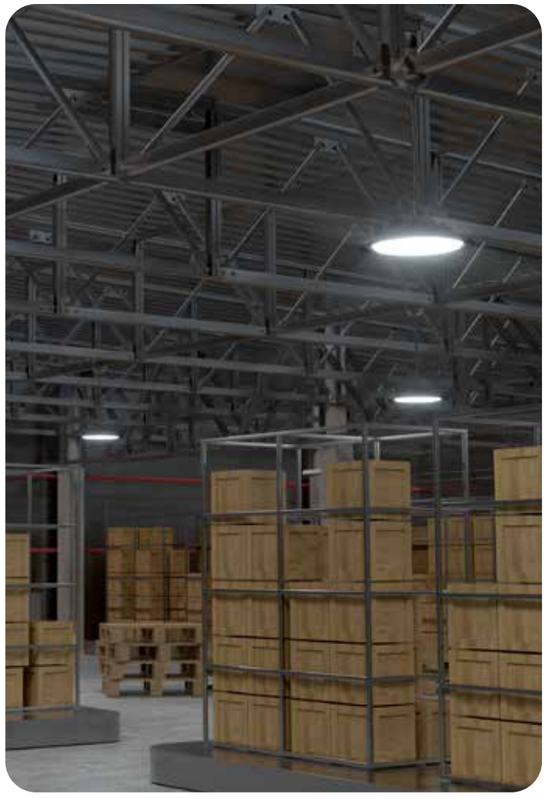
## GATOR

Ideal for lighting larger outdoor areas. The Gator LED street lights are designed to be easy to install via toolless entry.

5 YEAR WARRANTY

IP66 RATED

IMPACT PROTECTION



## INCEPTOR® HI-LITE

LED dimmable highbay. A 0(1)-10V dimmable and a microwave sensor version available. Both boast an IP65 and IK10 rating. IK10 is one of the highest degree of mechanical protection defined by BS EN 62262: 2002 standard.

6 YEAR WARRANTY

IP65 RATED

IMPACT PROTECTION

DIMMABLE

90° BEAM ANGLE

MOUNTING BRACKET

## INCEPTOR® U-LITE

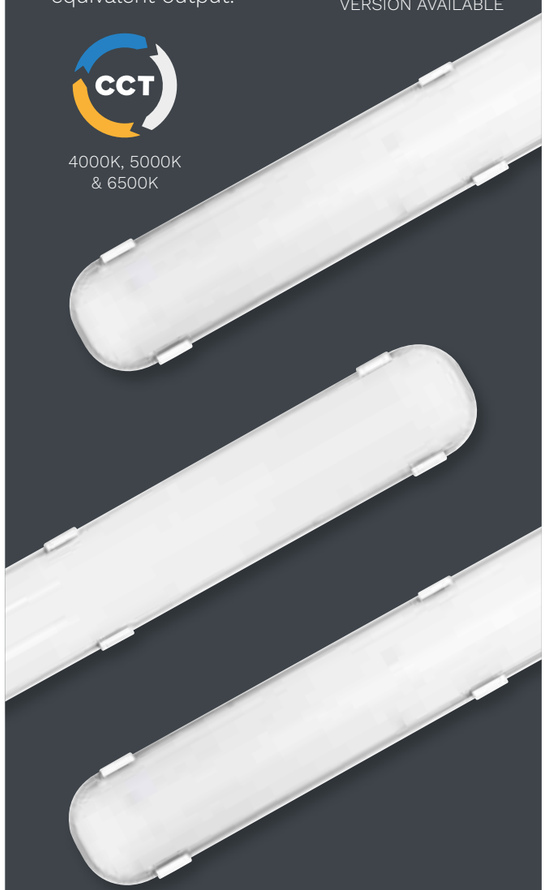
These non-corrosive linear LED lights are protected against the elements and self-test as standard. Inceptor® U-Lite fittings are available in 3 different lengths and each length is available in a single fluorescent lamp and a twin lamp equivalent output.

MICROWAVE SENSOR VERSION AVAILABLE

EMERGENCY VERSION AVAILABLE

CCT

4000K, 5000K & 6500K



5YR — 5 YEAR WARRANTY

IP65 — IP65 RATED

IK08 — IMPACT PROTECTION

## CONTROL SENSORS

Recessed 360° low profile, flush PIR sensors.

INFRARED SENSOR

5YR — 5 YEAR WARRANTY

INDOOR USE

## FLOW™ CONNECTORS

250V 20A 3 and 4 pole push-fit connectors.

10YR — 10 YEAR WARRANTY

IP20 — IP20 RATED

## MICROWAVE SENSOR

360° surface mounted dimmable IP65 microwave sensor.

5YR — 5 YEAR WARRANTY

IP65 — IP65 RATED

DIMMABLE

## INCEPTOR® ACE

Adjustable LED asymmetric floodlights. Up to 300W versions available in a black finish with 4000K cool white LEDs.

5YR — 5 YEAR WARRANTY

IP65 — IP65 RATED

UP TO 50,000 HOUR LIFETIME

## DUCERI® EMERGENCY LIGHTING

This comprehensive, contemporary product range includes Exit Signs, Downlights, Twin Spots and Bulkheads as well as the new Self-Test range.

5500K
COLOUR TEMPERATURE

GREEN LED INDICATORS

3HR
EMERGENCY DURATION

## MAGDUO® FIRE PANELS

2, 4 and 8 zone two wire fire panels, available in black or grey finishes.

UK
MADE IN THE UK

EUROPEAN QUALITY STANDARD

CPR COMPLIANT
CPR COMPLIANT

## HDVIEW IP™ 24/7 COLOUR CCTV

5MP and 8MP dome or bullet IP PoE CCTV cameras. 24/7 8MP NVRs also available.

8MP
LIVE VIEW & RECORDING

ESP APP
REMOTE MONITORING

PoE
POWER OVER ETHERNET

## ROUND PATTERN AND DIN RAIL TIME SWITCHES

Sangamo offers a wide range of time switches designed for industrial use.

LED
LED DISPLAY

## APERTA® ACCESS CONTROL

High quality door entry equipment and simple installation.

CLEAR INDICATION

EASY TO INSTALL

## MAGFIRE® FIRE PANELS

Addressable fire panels, available in white and grey finishes.

EN54
CERTIFIED TO EN54

RoHS COMPLIANT 2002/95/EC
ROHS COMPLIANT

CPR COMPLIANT
CPR COMPLIANT

## Q-CRIMP®

### A COMPREHENSIVE RANGE OF CABLE ACCESSORIES

All products within the Q-Crimp® range are manufactured under stringent quality control systems and are fully compliant with the very latest industry regulations.

The Q-Crimp® range includes:

- **Cable ties & accessories**
- **Crimp terminals**
- **PVC tape**
- **Copper tube terminals**
- **Cable clips**
- **Brass & nylon glands**
- **Plugs & sleeving**
- **Grommet & cleats**
- **Adhesives**
- **Earthing**

## Q-NECT

### STRONG, QUICK AND RELIABLE SOLUTIONS

The new Q-Nect range offers great versatility for electrical connections. Each product is packed with features which makes your installations quicker and easier.

The Q-Nect range includes:

- **2, 3 & 5 way lever connectors**
- **IP66 weatherproof junction box**
- **2 & 3 way IP connection boxes**
- **5 pole, 3 way IP68 'T' & inline connectors**

## Q-FIRE

### THE COMPLETE FIRE RANGE

The Q-Fire range of fire-rated products provides installers with solutions that will help satisfy the latest IET wiring regulations. Providing everything required to harness cable between the consumer unit and the end accessory.

The Q-Fire range includes:

- **Saddle clips & P-clips**
- **Fire safe cable clips**
- **Stainless steel mounts**
- **All-round banding**
- **Stainless steel cable ties**
- **Fire resistant expanding foam**
- **Fire safe metal cable cleats**

## OB1™ MULTI-SURFACE CONSTRUCTION SEALANT & ADHESIVE

### MULTI-SURFACE SEALANT AND ADHESIVE

The No.1 hybrid sealant and adhesive by the trade, OB1™ bonds and seals a range of materials including aluminium, wood, plastic, metal, steel, mirror, lead, concrete, glass, tile, polycarbon, PVC and felt. OB1™ also works in damp conditions and even under water.

WEATHER RESISTANT

DOES NOT SHRINK

UNIQUE FLEXIBILITY

NO SOLVENTS OR ISOCYANATES

PAINTABLE

# DATA CENTRES

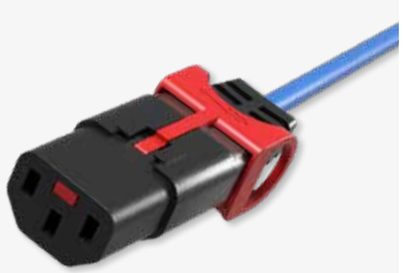
We have a range of products designed to help deliver solutions to data centres, enabling them to be more sustainable, efficient, smart and connected. Maximise on risk management, flexibility, and scalability by taking advantage of what we can offer.

WHITE & GREY SPACES

CLiCK OVIA ESP UNICRIMP SANGAMO IEC LOCK

## HARDWARE PROTECTION

- IEC Lock® Dual Locking Connector
- IEC Lock+ C13 Connector



## WIRING ACCESSORIES

- Click® Wiring Accessories
- Essentials™ Metal Clad Solutions
- Click® Decorative Plates

## LIGHTING

- Inceptor® Evo Bulkheads
- Inceptor® Hi-Lite Highbay
- Inceptor® U-Lite Linear Lights
- Inceptor® Duo Linear Lights
- Inceptor® Ace LED Floodlighting
- Inceptor® Gator LED Street Lighting

## CABLE ACCESSORIES

- Q-Crimp® Range
- Q-Fire Range

## FIRE SAFETY

- MagDuo® Two Wire Fire Panels
- MagFire® Addressable Fire System Devices

## CONNECTIVITY & CONTROL

- Flow™ Wiring Accessories
- Sangamo Round Pattern Time Switches

## ENERGY SAVING

- OVIA® Control Sensors
- Inceptor® Evo Bulkheads

## SAFETY & SECURITY

- Ovia® Emergency Lighting
- Beacon® Assistance Alarms

## ACCESS CONTROL

- Aperta® Proximity Single Door Entry Kits
- HDview IP™ 24/7 Colour CCTV

deco®

## DECORATIVE METAL WIRING ACCESSORIES

Available in 10 distinctive quality finishes. Black and white inserts also available. A selection of stainless steel and satin chrome finishes are now available with grey inserts.

LASER ETCHING

MINIGRID® MODULES

deco PLUS®

## PREMIUM DECORATIVE WIRING ACCESSORIES

Available in 8 distinctive quality finishes. Black and white inserts also available. A selection of stainless steel and satin chrome finishes are now available with grey inserts.

LASER ETCHING

MINIGRID® MODULES

essentials™

## METAL CLAD ACCESSORIES

Electrophoretically coated plates and back boxes provide a durable and long lasting heavy duty finish to this attractive range of products. All switch products are of modular construction.

10 YR

10 YEAR GUARANTEE

new media™

NEW MEDIA™ MODULES

GRIDPRO®

GRIDPRO® MODULES

define®

## DECORATIVE FLAT PLATES

Available in 5 distinctive quality finishes; polished chrome, stainless steel, brushed steel, pearl nickel and black nickel.

LASER ETCHING

MINIGRID® MODULES

definity™ COMPLETE

## SCREWLESS WIRING ACCESSORIES

Available in 8 distinctive quality finishes; white, metal white, matt black, metal black, brushed stainless, polished chrome, stainless steel and antique brass.

LASER ETCHING

MINIGRID® MODULES

flow™

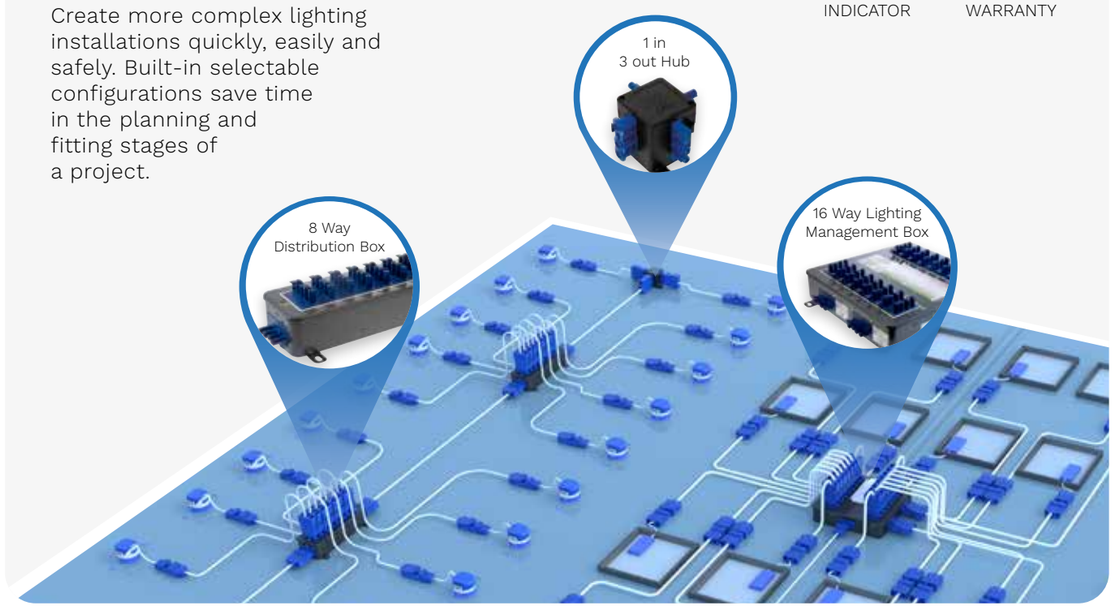
## FLOW™ MANAGEMENT BOXES

Create more complex lighting installations quickly, easily and safely. Built-in selectable configurations save time in the planning and fitting stages of a project.

VISIBLE POWER INDICATOR

10 YR

10 YEAR WARRANTY



## INCEPTOR® EVO

LED bulkhead with a pre-installed Flow™ connector. IK08 impact-resistant polycarbonate body. Microwave sensor, emergency and corridor function available.

5 YEAR WARRANTY

IP65 RATED

IK10 ENCLOSURES

## INCEPTOR® DUO

A sleek up and down dimmable linear luminaire. The fitting is available in 2 lengths and 3 different colour options to suit all décor. Available in standard and emergency.

UP TO 50,000 HOUR LIFETIME

EMERGENCY VERSION AVAILABLE

5 YEAR WARRANTY

IP20 RATED

DIMMABLE AVAILABLE

CCT

## INCEPTOR® U-LITE

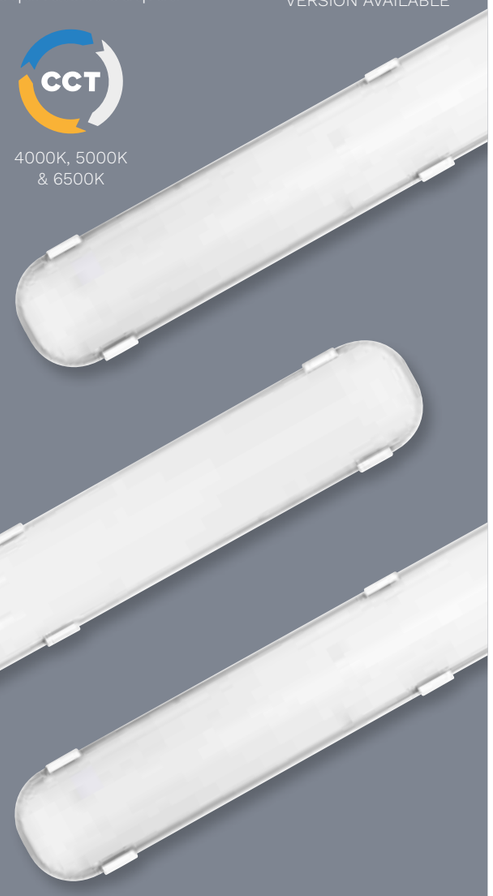
These non-corrosive linear LED lights are protected against the elements and self-test as standard. Inceptor® U-Lite fittings are available in 3 different lengths and each length is available in a single fluorescent lamp and a twin lamp equivalent output.

MICROWAVE SENSOR VERSION AVAILABLE

EMERGENCY VERSION AVAILABLE

CCT

4000K, 5000K & 6500K



5 YEAR WARRANTY

IP65 RATED

IMPACT PROTECTION

## CONTROL SENSORS

Recessed 360° low profile, flush PIR sensors.

INFRARED SENSOR

5 YEAR WARRANTY

INDOOR USE

## INCEPTOR® HI-LITE

LED dimmable highbay. A 0(1)-10V dimmable and a microwave sensor version available. Both boast an IP65 and IK10 rating. IK10 is one of the highest degree of mechanical protection defined by BS EN 62262: 2002 standard.

- 6 YEAR WARRANTY
- IP65 RATED
- IMPACT PROTECTION
- DIMMABLE
- 90° BEAM ANGLE
- MOUNTING BRACKET

## GATOR

Ideal for lighting larger outdoor areas. The Gator LED street lights are designed to be easy to install via toolless entry.

- 5 YEAR WARRANTY
- IP66 RATED
- IMPACT PROTECTION

## INCEPTOR® ACE

Adjustable LED asymmetric floodlights. Up to 300W versions available in a black finish with 4000K cool white LEDs.

- 5 YEAR WARRANTY
- IP65 RATED
- UP TO 50,000 HOUR LIFETIME

## EMERGENCY LIGHTING

This comprehensive, contemporary product range includes Exit Signs, Downlights, Twin Spots and Bulkheads as well as the new Self-Test range.

- BATTERY WARRANTY
- GREEN LED INDICATORS
- 4 YEAR WARRANTY

## HDVIEW IP™ 24/7 COLOUR CCTV

5MP and 8MP dome or bullet IP PoE CCTV cameras. 24/7 8MP NVRs also available.

8MP — LIVE VIEW & RECORDING

ESP APP — REMOTE MONITORING

PoE — POWER OVER ETHERNET

## APERTA® PROXIMITY SINGLE DOOR ENTRY KITS

Easy install, simple self-contained programming. Complete with 10 tags.

IP65 — IP65 RATED

EASY TO INSTALL

SILVER OR BLACK KEYPAD

## ROUND PATTERN TIME SWITCHES

All models can switch up to 20A and are famous for their high capacity, quality and reliability.

5YR — 5 YEAR WARRANTY

## MAGDUO® FIRE PANELS

2, 4 and 8 zone two wire fire panels, available in black or grey finishes.

UK — MADE IN THE UK

EUROPEAN QUALITY STANDARD

CPR COMPLIANT — CPR COMPLIANT

## MAGFIRE® FIRE PANELS

Addressable fire panels, available in white and grey finishes.

EN54 — CERTIFIED TO EN54

RoHS COMPLIANT 2002/95/EC — ROHS COMPLIANT

CPR COMPLIANT — CPR COMPLIANT

## BEACON ASSISTANCE ALARM KIT

3 Part Kit - Indication Module, Pull Cord Module & Reset Module. Available in white or stainless steel.

M — PART M™ BUILDING REGULATIONS

EASY TO INSTALL

ANTI MICROBIAL CERTIFIED

# Q-CRIMP®

## A COMPREHENSIVE RANGE OF CABLE ACCESSORIES

All products within the Q-Crimp® range are manufactured under stringent quality control systems and are fully compliant with the very latest industry regulations.

The Q-Crimp® range includes:

- **Cable ties & accessories**
- **Crimp terminals**
- **PVC tape**
- **Copper tube terminals**
- **Cable clips**
- **Brass & nylon glands**
- **Plugs & sleeving**
- **Grommet & cleats**
- **Adhesives**
- **Earthing**

# Q-FIRE

## THE COMPLETE FIRE RANGE

The Q-Fire range of fire-rated products provides installers with solutions that will help satisfy the latest IET wiring regulations. Providing everything required to harness cable between the consumer unit and the end accessory.

The Q-Fire range includes:

- **Saddle clips & P-clips**
- **Fire safe cable clips**
- **Stainless steel mounts**
- **All-round banding**
- **Stainless steel cable ties**
- **Fire resistant expanding foam**
- **Fire safe metal cable cleats**

# IEC LOCK

## DUAL LOCKING C14 IEC LOCK CONNECTOR

- Secure locking side and bottom tabs
- C14 Connector cannot be accidentally pulled or vibrated out of the outlet
- A European, USA & Canada, Australian, and Japanese approved Dual Locking C14 IEC LOCK Connector that will lock into most C13 outlets

RELEASE LOCKING MECHANISM

PREVENTS ACCIDENTAL DISCONNECTION

C13 LOCKABLE CONNECTOR

# IEC LOCK+

## IEC LOCK+ C13 LOCKING CONNECTOR

- Protects appliances that are vulnerable to vibration
- Connector cannot be accidentally pulled or vibrated out of the inlet
- Release from the rear when space is limited
- Increased visibility in narrow or tight spaces

SUITABLE FOR USE WITH ANY C14

REAR RELEASE LOCKING MECHANISM

SPACE SAVING

PREVENTS ACCIDENTAL DISCONNECTION

NYLON LSZH

C13 LOCKABLE CONNECTOR

# CPD TRAINING / MODULES AVAILABLE

At Scolmore® Group we are dedicated to the proactive development of our products and simultaneously understand our responsibilities to support the growth of individuals professional development in order for us all to keep up to date in this fast paced industry. Therefore we have established training and support not only for our own staff but also the specifiers and installers of our products.

**WE ARE PROUDLY CERTIFIED BY THE CPD CERTIFICATION SERVICE AND CIBSE SO YOU CAN BE ASSURED OUR CONTENT CONFORMS TO ALL OF THE RELEVANT STANDARDS.**

Scolmore® Group provides learning activities which professionals can engage in to develop and enhance their abilities. It provides education that is conscious and proactive, such as training workshops, conferences and events, e-learning programs, best practice techniques and ideas sharing, all focused for an individual to improve and have effective continuous professional development.

# TECHNICAL SPECIFICATION & BUILDING INFORMATION MODELLING

**SCAN THE REQUIRED QR CODE BELOW TO GO DIRECTLY TO THE WEB PAGE WITH THE RELEVANT INFORMATION.**

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OVIA Scolmore GROUP

ESP Scolmore GROUP

UNICRIMP Scolmore GROUP

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CLICK®
Scolmore GROUP

# WIRING ACCESSORIES & CIRCUIT PROTECTION

ISSUE 15

SCOLMORE.COM

# Welcome to Click®

## Wiring Accessories & Circuit Protection

Scolmore® Group is one of the UK's leading manufacturers of electrical accessories. The company is proud to be a British-based, family-run business with an international reputation for quality, innovation and exemplary customer service.

# The complete range of Electrical Accessories.

elucian

ClickSmart+

deco PLUS

deco

define

definity COMPLETE

definity

MODE

polar

Part M™

GRIDPRO

MINIGRID®

new media™

curva

essentials™

flow™

From our Head Office in the Midlands, we design, develop and manufacture an ever expanding product range for distribution throughout the UK and worldwide.

The Click® Wiring Accessories range remains the number one choice of electricians and contractors who value the flexibility of the modular based range, as well as the one-stop solution that the comprehensive offer allows.

Our online ordering service is supported by automated order picking and processing procedures which enables us to offer service levels we believe are unprecedented in the industry.

The company is committed to harnessing the very latest technologies and developing superior-performing, competitively-priced products which allow installation projects to be completed quickly and easily.

Scan to view the **Click® Wiring Accessories & Circuit Protection Pricelist**

# Product Warranties

Feel at ease with our new and improved warranties

MODE

25 YR WARRANTY

Part M™

polar

25 YR WARRANTY

elucian

10 YR WARRANTY

Consumer Units

elucian

3 YR WARRANTY

Protective Devices

GRIDPRO

20 YR WARRANTY

MINIGRID®

20 YR WARRANTY

ClickSmart+

3 YR WARRANTY

deco PLUS

20 YR WARRANTY

deco®

new media™

2 YR WARRANTY

Aquip66®

20 YR WARRANTY

METAL CLAD

definity™

20 YR WARRANTY

definity™

define®

20 YR WARRANTY

curva®

10 YR WARRANTY

flow™

20 YR WARRANTY

# **Complete** the look

with the **Definity™ Complete** range.
Cover plates & Inserts are now supplied complete as one code.
Now includes **Antique Brass.**

definity™
COMPLETE

Definity™ Complete provides the installer with a complete all in one solution.

Offering push-fit cover plates in 8 assorted finishes and comprehensive range of electrical inserts, with both compatible cover plate and insert supplied within a single package.

The flexibility of Definity™ Complete is further enhanced with the range of cover plates and electrical inserts also being available independently of each other.

# Matt Black Finishes

New Matt Black finishes are available within the Deco® & Deco Plus® ranges of wiring accessories.

deco deco PLUS

# Matt Black Modules

A selection of Gridpro® and MiniGrid® modules are available in Metal Matt Black finish to complete your Click® installation.

MINIGRID® GRIDPRO

# Medical Solutions

NHS Hospitals, Health Centres, Care Homes and GP Practices

ANTIBACTERIAL
& ANTIVIRAL
Certified Products

## Supplementary Equipotential Bonding Connection Points

Supplied in a Mode® anti-microbial plate to match our full range of wiring accessories.

## Red & Green Outboard Rocker Switched Socket Outlets

The new two-gang sockets provide installers with a colour differential for supply being switched.

## Blue Medical Socket Outlets

This helps ensure medical equipment is plugged into IPS sockets and non-medical equipment is plugged into non-IPS sockets.

## GridPro Red Switch Modules

Designed to work alongside Part M regulations, perfect for areas where clear and quick identification is required.

# Equipotential Bonding Busbar (EBB)

- For use in any medical environments (Hospitals, GP & Dental Practices)
- High quality finish with a sturdy and reliable box design
- Smooth cover designed with infection control in mind
- Perfect depth to recess into partition walls
- Option of recessed or surface mounted design
- Tested to BS EN 61439-1

62MM
SLIM RECESS DEPTH

STRONG & RELIABLE

MEDICAL ENVIRONMENTS

CLICK®
Scolmore GROUP

# Type A & C USB Sockets

Explore our range of 1 & 2 Gang Type A & C USB Sockets.
Available throughout our Click® Wiring Accessory ranges.

new media™

# Type A & C New Media™ Modules

Introducing our new Type A & C USB New Media™ **modules, available in** Black, Grey & White finishes. This cutting-edge module combines the **best of both worlds, featuring a harmonious fusion of USB Type A and** Type C ports to cater to all your device connectivity needs.

All New Media™ **modules can be inserted into single or double wall** plates, fitted into standard switch and socket boxes.

elucian

## A Full Range Of
# Consumer Units

Elucian now offer a new range of unpopulated Metal Consumer Units ideal for those projects that need custom configuration without limitations on module placement.

Tail Clamp
Pre-Installed

## Increase Protection
# With AFDDs

The smart way to detect arc faults in your circuit. With the amendment 2 of the 18th Edition it is now required for AFDDs to be installed for circuits supplying socket outlets in 4 areas;

- High Risk Residential Buildings (18m or 6 Storeys +)
- Houses of Multiple Occupancy (HMO),
- Purpose Built Student Accommodation
- Care Homes

3YR — 3 Year Warranty

B — B Curve Devices

C — C Curve Devices

Large Terminal Capacity

## Slim Size,
# Big Protection

The New Slimline SPD from Elucian.

- 2 Pole 275Uc (V~) 40kA
- Type 2 SPD
- Single Module (18mm width)
- Supplied as standard with:
  230mm Live Tail
  230mm Neutral Tail
  400mm Earth Tails

3YR — 3 Year Warranty

Large Terminal Capacity

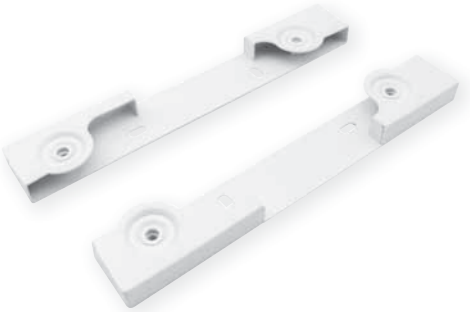
elucian

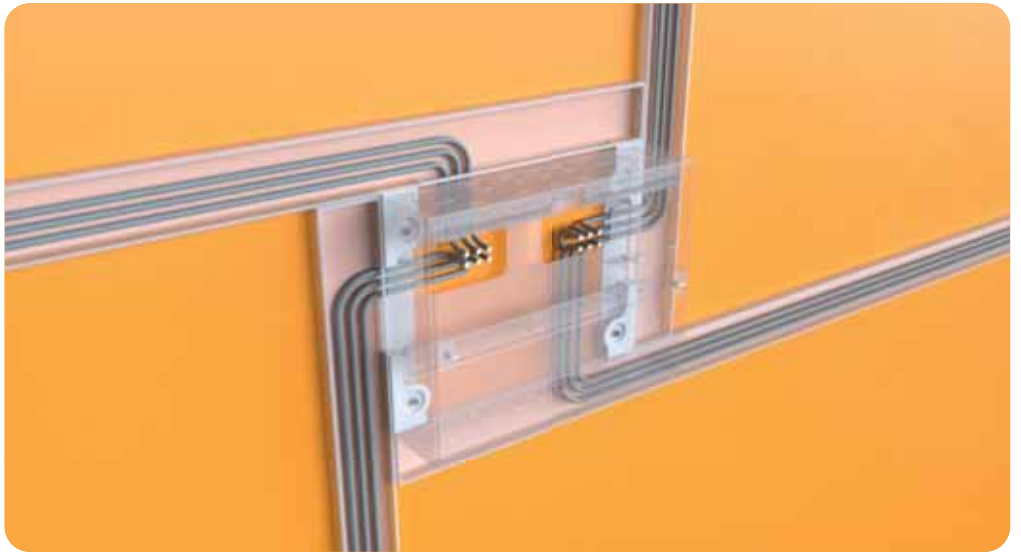
# Recessed Frames

Designed to fit around 16, 18 and 22 Way Elucian Consumer Units.

## Rear & Side
# Pattress Mounts

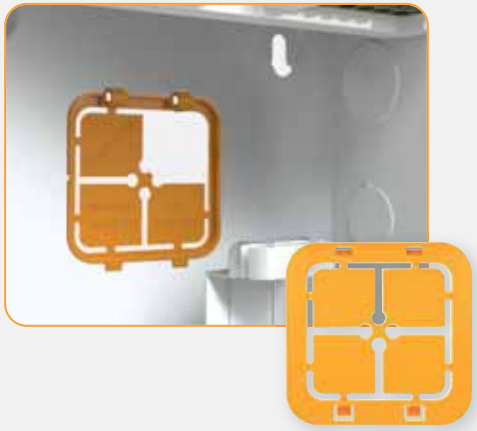
Introducing our new Rear & Side Consumer Unit Pattress Mounts. Developed to allow the installer to easily use trunking to neatly install the consumer unit. The new mounts will provide access to feed cables from the top and sides.





# Cable Entry Plates

Protect your cables against sharp edges with the new Cable Entry Plates. The plates provide greater protection when pulling cables through the back of the consumer unit. Available in a 69mm and 109mm widths.



# Flush Lid

Available for 18 Way Consumer Units.

# BIM

Building Information Modelling (BIM) is changing how buildings, infrastructure and utilities are planned, designed and built. Having started life as a three-dimensional modelling system in the 1980s, BIM was originally used by architects and concentrated solely on construction elements. Today the latest generation of BIM software includes all the components of a building, including MEP (mechanical, electrical, plumbing) services and it provides contractors with the ability to deliver a quality service, reduce waste and minimise inefficiencies.

Since 4 April 2016, all centrally-procured public sector construction projects require the implementation of BIM at Level 2. As the industry continues to collaborate to implement BIM, Scolmore has been working behind the scenes and has now developed and provided direct access to a newly created BIM library. The company has also developed Technical Specification Brochures to cover all products across the entire wiring accessories and lighting ranges. All the information is in downloadable format from the website www.scolmore.com.

CPD MEMBER
The CPD Certification Service

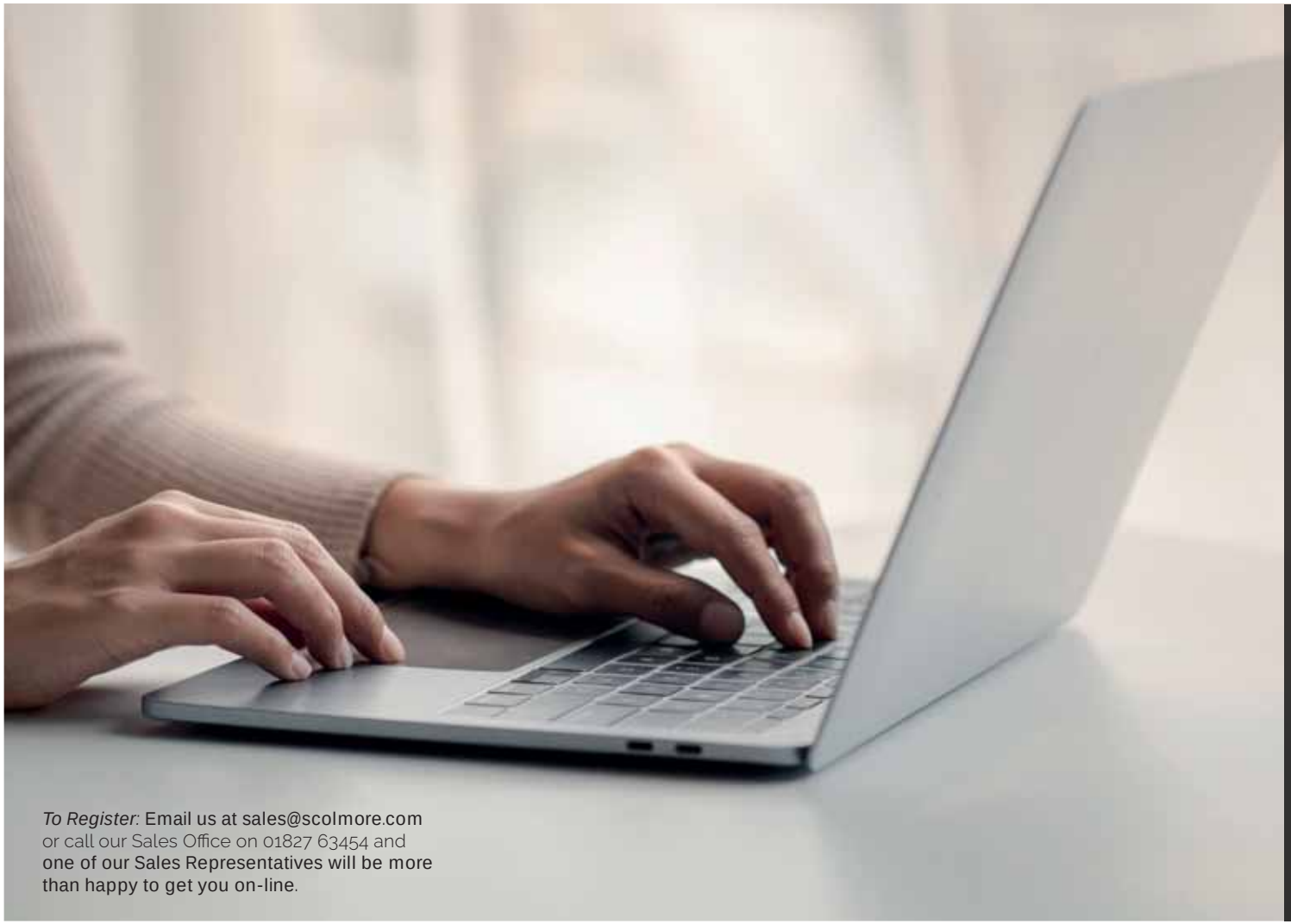
# CPD Training

Maintaining a competitive edge is vital to stay ahead in the fast moving professional electrical industry. Scolmore Group has a wealth of CPD accredited training modules available to keep you up to date with the latest regulations, technologies, and product innovations.

# Online Ordering

**www.scolmoreonline.com**

Our updated site now incorporates a number of improved features that allow users to access new information directly and easily:



*To Register*: Email us at sales@scolmore.com or call our Sales Office on 01827 63454 and one of our Sales Representatives will be more than happy to get you on-line.

- Our PDF upload feature eliminates the need for time consuming manual data entry, simply upload your purchase order PDF and we will extract the information for you so you can add the products straight to your basket within seconds
- Ordering 24 hours a day 7 days a week with the ability to check current stock levels as required, meaning you are not restricted to ordering during normal office hours
- Access to on-line catalogues will keep you fully updated with the complete product range and provide information on new products as and when they become available
- The order tracking service keeps you up to date with the progress of your shipment
- Managing your administration paper work is now even easier with instant access to reports and essential documents at the click of a button
- A 'quick buy tab' and the ability to store the most common orders for repeated use, adds to the versatility and flexibility of the revised system.

# Scolmore® App

Need to set up an account?
Call: 01827 63454 or Email: sales@scolmore.com

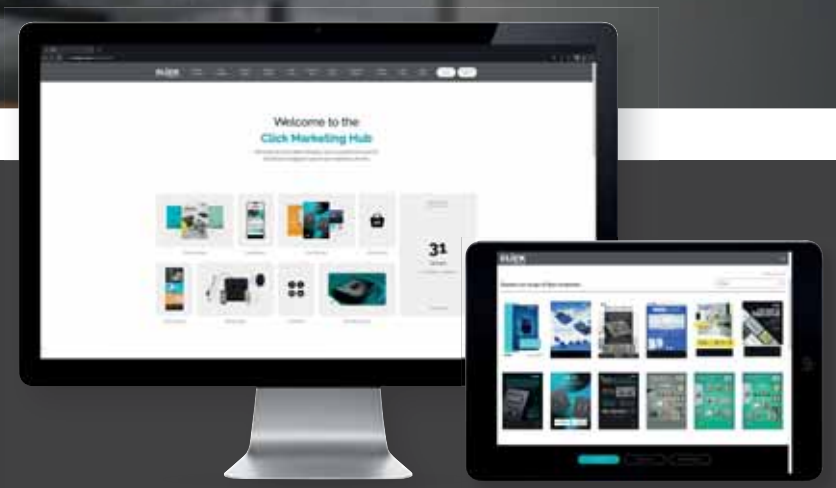
The Click® Scolmore app allows you to use your smart phone to browse our complete range of products, add products to your Favourites or to the Quote Basket.

The app then allows you to email the contents of the basket back to yourself providing all the information you need to obtain any quotations.

With over 6000 products currently available you can use the search facility to easily locate the products required and if you require further information there's an option to email us or find us on the map straight from the app.

An added bonus is the app being 100% native means you don't have to be connected to the internet to use it.

# Marketing Hub




## Are you a Click® stockist?

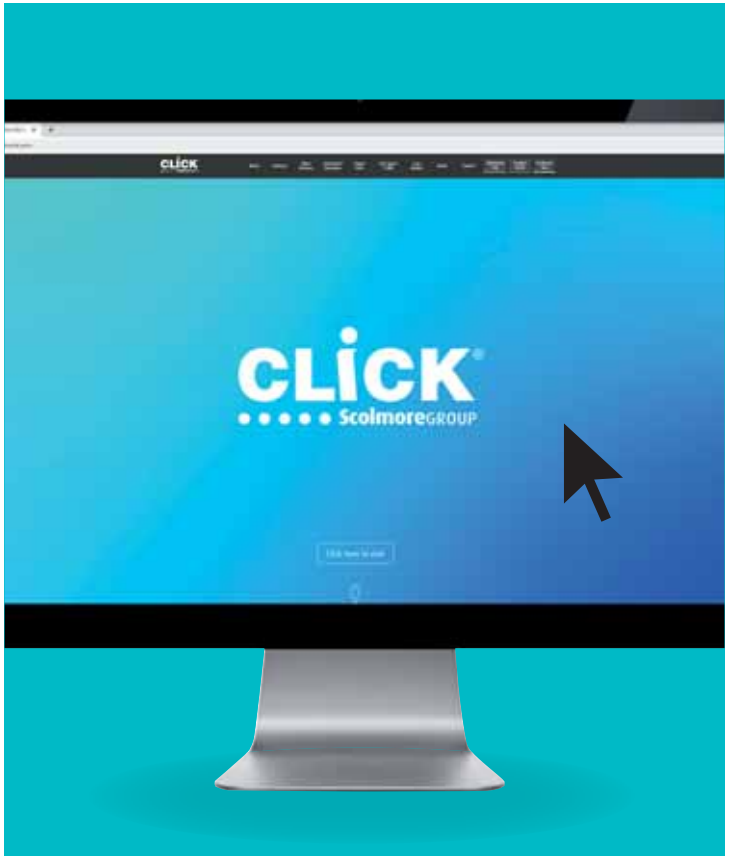
If so, you automatically have access to the Marketing Hub.
Download all our latest literature, flyers to personalise and our full range of images for use on your website or artwork. Follow the links from scolmore.com for more information.

**Need to set up an account?**
**Call: 01827 63454 or Email: sales@scolmore.com**

# Have you CLICK®ed yet?

www.scolmore.com

Visit www.scolmore.com to see our new website, packed with new features and easier navigation.



# CONTENTS

| | |
|---|---|
| Consumer Units | **A15** |
| Protective Devices | **A29** |
| Technical Information | **A47** |
| Installation Info | **A80** |

| | |
|---|---|
| Smart Hub | **B11** |
| Smart Controller | **B13** |
| Smart GridPro Modules | **B16** |
| Smart Camera | **B17** |
| Smart Sensors | **B19** |
| Smart Switching Receivers | **B21** |
| Smart Dimming Receivers | **B22** |
| Switching Sockets | **B23** |
| Smart Kits | **B29** |
| Switching FCU | **B31** |
| Plug-in Socket | **B34** |

| | |
|---|---|
| Switches | **C10** |
| Yokes & Back Boxes | **C19** |
| Power Socket Outlets | **C22** |
| Socket & Blank Plates | **C24** |
| Fused Connection Units | **C25** |
| Control Switches | **C26** |
| Key Lockable Switch / Socket | **C28** |
| Telephone Outlets | **C30** |
| TV & Satellite | **C31** |
| New Media™ Plates | **C33** |
| Back Boxes | **C34** |

| | |
|---|---|
| Switches | **D5** |
| Yokes & Back Boxes | **D9** |
| Power Socket Outlets | **D14** |
| Fused Connection Units | **D18** |
| Control Switches | **D20** |
| Socket & Blank Plates | **D25** |
| Telephone Outlets | **D28** |
| TV & Satellite | **D29** |
| New Media™ Plates | **D30** |
| Galvanised Boxes | **D31** |
| Dry Lining Boxes | **D32** |

| | |
|---|---|
| Switches | **E5** |
| Power Socket Outlets | **E11** |
| Fused Connection Units | **E13** |
| Control Switches | **E14** |
| Socket & Blank Plates | **E17** |
| Telephone Outlets | **E20** |
| TV & Satellite | **E21** |
| New Media™ Plates | **E22** |
| Galvanised Boxes | **E23** |
| Dry Lining Boxes | **E24** |

| | |
|---|---|
| Switches | **F6** |
| Power Socket Outlets | **F14** |
| Fused Connection Units | **F18** |
| 50A Switches | **F22** |
| Control Switches | **F24** |
| Socket & Blank Plates | **F27** |
| Satellite & Coaxial Outlets | **F29** |
| Telephone Outlets | **F30** |

| | |
|---|---|
| Switches | **F36** |
| Socket Outlets | **F50** |
| Fused Connection Units | **F56** |
| Red Fused Connection Units | **F60** |
| 45A Switches | **F61** |
| RJ11 Outlet | **F62** |
| UK Telephone Outlet | **F63** |
| Satellite & Coaxial Outlets | **F64** |
| New Media™ Plates | **F66** |
| Galvanised Boxes | **F67** |
| Dry Lining Boxes | **F68** |

| | |
|---|---|
| Switches | **G5** |
| Back Boxes | **G9** |
| Power Socket Outlets | **G14** |
| Fused Connection Units | **G20** |
| Control Switches | **G22** |
| Ceiling Accessories | **G28** |
| Connection & Flex Outlets | **G29** |
| Telephone & Data Sockets | **G32** |
| TV & Satellite | **G33** |
| New Media™ Plates | **G34** |
| Pattress Boxes | **G35** |
| Dry Lining Boxes | **G36** |

| | |
|---|---|
| Switches | **H5** |
| Back Boxes | **H9** |
| Power Socket Outlets | **H13** |
| Fused Connection Units | **H16** |
| Control Switches | **H17** |
| Ceiling Accessories | **H20** |
| Connection Plates | **H21** |
| Socket & Blank Plates | **H22** |
| Telephone Outlets | **H24** |
| TV & Satellite | **H25** |
| New Media™ Plates | **H26** |
| Pattress Boxes | **H27** |
| Dry Lining Boxes | **H28** |

| | |
|---|---|
| Switches | **I7** |
| Yokes & Back Boxes | **I10** |
| Power Socket Outlets | **I12** |
| Control Switches | **I15** |
| Ceiling Accessories | **I16** |
| New Media™ Plates | **I17** |
| Dry Lining Boxes | **I20** |

| | |
|---|---|
| Modules | **J26** |
| Dimmer Mounting Kits | **J80** |
| Frontplates | **J87** |
| Yokes & Back Boxes | **J145** |

| | |
|---|---|
| Unfurnished Plates | **K5** |
| Yokes & Back Boxes | **K7** |
| Click® Unfurnished Plates | **K9** |
| 1 & 2 Way Modules | **K18** |
| Intermediate Module | **K19** |
| 2 Way Paddle Module | **K20** |
| 2 Way Retractive Module | **K21** |
| DP Module | **K22** |
| 2 Way Key Module | **K23** |
| DP Key 'Emergency Test' Module | **K24** |
| DP Key Module | **K25** |
| Indicator & Blank Modules | **K26** |
| Fused Connection Module | **K27** |
| Flex Outlet Module | **K28** |
| 1 Way Retractive 'Bell' Module | **K29** |
| 3 Position Modules | **K30** |
| Fan Isolation Module | **K32** |
| 2 Way Module | **K33** |
| 20A DP Modules | **K34** |
| Dimmer Module Mounting Kit | **K36** |
| 2 Way Toggle Modules | **K38** |

| | |
|---|---|
| New Media™ Plates | **L5** |
| Click® Unfurnished Plates | **L9** |
| New Media™ Modules | **L16** |
| Typical Sky+ Installation | **L24** |
| Typical Sky+ HD Installation | **L25** |
| Technical Details | **L26** |

| | |
|---|---|
| Switches | **M5** |
| Socket Outlets | **M8** |
| Fused Connection Units | **M9** |
| Control Switches | **M10** |
| Shaver Socket & Blank Plates | **M12** |
| Telephone Outlets | **M14** |
| TV & Satellite | **M15** |
| Pattress Boxes | **M16** |
| Dry Lining Boxes | **M17** |

| | |
|---|---|
| Galvanised Steel Boxes | **N4** |
| Dry Lining Boxes | **N7** |
| IP66 Weatherproof | **N12** |
| Metal Clad Accessories | **N20** |
| Red Accessories | **N34** |
| Floor Accessories | **N36** |
| Ceiling Accessories | **N37** |
| Adaptors & Extension Sockets | **N41** |
| Junction & Link Boxes | **N42** |
| Connection & Flex Outlet | **N44** |
| Fused Main Switch | **N45** |
| Rewireable Plug Tops | **N46** |
| Plug Top Fuses | **N47** |
| Equipotential Bonding Busbar | **N48** |

| | |
|---|---|
| Lighting Management Box | **O4** |
| Switch Adaptors, Splitters & Hub | **O5** |
| Flow™ Connectors | **O6** |
| Flow™ Extension Cables | **O9** |
| Flow™ Connectors with Link Cables (Pre-Wired) | **O9** |
| Ceiling Rose | **O10** |

elucian

elucian

The complete consumer unit

Elucian by Click® brings to market a comprehensive Consumer Unit and Circuit Protection range.

Following months of extensive research and consultation with contractors and installers, we developed a range of products that best suits their requirements and that are compliant with all the latest regulations.

Designed with the installer in mind, Elucian is an extensive range of metal consumer units that will cover a broad range of installations and offers a number of features and benefits that will enhance the products' convenience, flexibility and safety properties.

## Contents


| | |
|---|---|
| Regulations | **A5** |
| Consumer Units | **A15** |
| Protective Devices | **A29** |
| Technical Information | **A47** |
| Installation Information | **A80** |


10 YR WARRANTY

# 10 Year Warranty

All Elucian® Consumer Units are covered by our 10 year warranty against any fault in materials or manufacture experienced at any time within 10 years of the date of supply.

# Keeping Up with **Regulations...**

The Elucian consumer units range has been designed to ensure compliance with BS 7671. Our engineers have considered how installers need to comply with the UK wiring regulation when installing consumer units in properties across the UK. The Elucian range has comprehensive options for every installation. These consist of Main Switch units, Split Load units and our Combination units.

## Overload Protection
### (536.4.3.2) & (536.4.202)

Overload protection must be considered when RCCBs have the ability to become overloaded due to the total amount of current being taken by the final circuits being offered protection.

The designer and installer must therefore select the correct rated device from the options we have made available; 63Amp, 80Amp or 100Amp. To make this process easer we have installed 80Amp devices as standard.

## Types of RCD
### (531.3.3)

Many different types of RCD exist. BS 7671 recognises types AC, A, F and B. Currently AC RCDs are recognised as acceptable for general purpose. However, if the installation has any DC components or frequency alterations due to connected loads one of the other types must be selected.

As most installations in the UK now have some DC components, it would be prudent to select a type A RCD that has the ability to work with DC fault current. We have produced type A RCDs only as they comply with the requirements of the AC type, and include added benefits of the DC threshold.

## Overcurrent Protection
### (Section 443) & (Section 553)

SPDs offer very effective protection against overvoltage. Section 443 covers the requirements for consideration when selecting SPDs in the electrical system. Section 533 confirms what types are required and where they must be installed within the electrical system.

We have designed our SPD consumer unit to incorporate a type 2 device. These devices offer protection from man-made overvoltages or lightning strikes within the vicinity of the installation.

Having SPDs installed adjacent to the main switch allows for compliance with the maximum cable length from the SPD to Earth.

## Division of Installation
### (Section 314)

This regulation set requires the designer and installer to ensure the installation is divided up as necessary to:

(i) Avoid danger and minimise inconvenience in the event of a fault.

(ii) Facilitate safe inspection, testing and maintenance.

(iii) Take account of hazards that may arise from the failure of a single circuit such as a lighting circuit.

(iv) Reduce the possibility of unwanted tripping of RCDs due to excessive protective conductor current or due to fault.

(v) Mitigate the effects of electromagnetic disturbances.

(vi) Prevent the indirect energization of a circuit intended to be isolated.

# Overload
# Protection of RCDs...

These devices have the ability to be overloaded if the combined outgoing current from the final circuits is greater than the rating of the RCCB. Therefore, we provide an 80Amp device as standard with the ability to change this to a 100Amp, or reduce to a 63Amp if required.

## (536.4.3.2)

"RCCBs & switches do not provide protection against overload, therefore they shall be protected by an overcurrent protective device."

## (536.4.202)

" ... overload protection shall not solely be based on the use of diversity factors of the downstream circuits. To achieve overload protection of RCCBs or switches, the rated current of the overcurrent protective device (OCPD) shall be selected according to the manufacturers instructions".



# Comply with
# the regs...

Regulations 536.4.3.2 and 536.4.202 require the designer to understand the loading profile of the RCCBs within the consumer unit. RCCBs will protect a number of outgoing circuits at the same time.

### Method 1

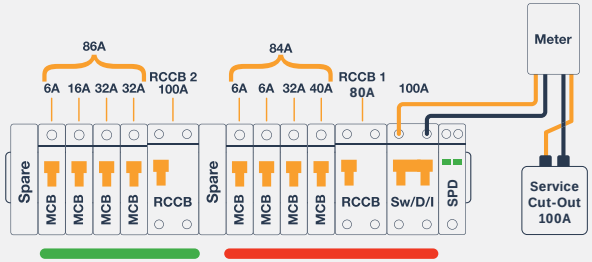
Ensure the full load of all final circuits being protected are less than the rating of the RCCB. The installer will need to consider diversity for the final circuits, but not use diversity as the sole factor for calculating the total current downstream of the device.

### Method 2

Ensure the main protective device is of a size to limit the total amount of amps upstream of the devices.

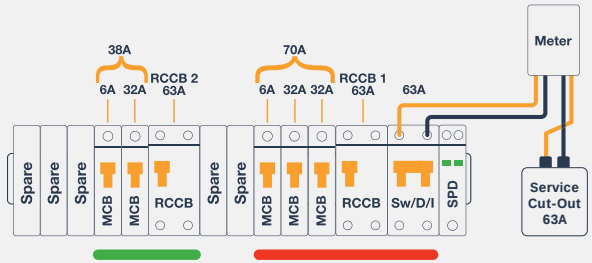
## Example 1:

This install would not comply.
RCCB1 could be subject to overload.



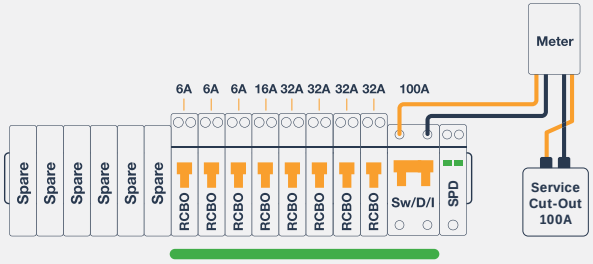

## Example 2:

This installation would comply.
Although RCCB1 could potentially become overloaded, the protective device at the origin would offer overload protection.




## Example 3:

RCBOs offer comprehensive protection as each device is rated to the circuit.



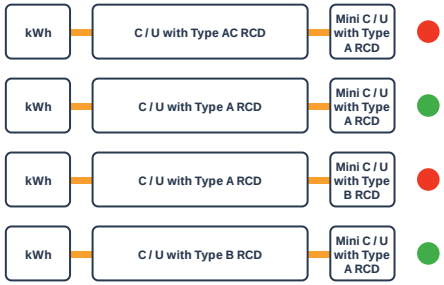
# RCD & RCBO
# Protective Devices...

RCDs are available in a number of common types; AC, A, F or B. Dependant on the characteristics of the final circuit/s being controlled, the type of RCD selected is very important. If it is believed DC current could be present in the protected circuit/s due to the equipment connected, the designer should select a device capable of working with that DC current present.

General RCDs are designed to operate instantaneously without intentional delay; because of this they are not designed to discriminate in the event of a fault. Therefore, if two general RCDs were to be installed in series, both may operate when a fault presents itself. To avoid this, selectivity is essential between the installed devices to reduce the unintentional operation of a device upstream from the leakage to Earth.

Installing the correct type of device is essential if it is believed DC fault current could be present within the installation.
It is important not to install an RCD type that is capable of handling DC fault current ahead of a device that isn't able to operate with these currents.

Such as:



Type A

## Type A RCD

In today's installations the majority of equipment does have some residual DC current due to the internal electronics. The magnitude of this current can have a detrimental effect on the effectiveness of the protective device. Therefore, we have taken the decision to manufacture Type A devices only.

Type A devices have the ability to continue to work with up to 6mA of DC fault current present. This amount of fault current has been shown to stop AC Type RCDs/RCBOs from working within the maximum time permitted in BS76761.

**RCCB** - Residual Current Operated Circuit Breaker, without integrated overcurrent protection.

## RCBO Protection

These devices combine the functionality of an MCB and RCD into one single device/module. Available as a type A RCD with different inrush curve types B or C, these protective devices have been miniaturised to maximise the available space above for termination or final circuits.

The Neutral fly lead has been made long enough to ensure safe connection to the dedicated Neutral bars.

**RCBO** - Residual Current Operated Circuit Breaker, with integrated overcurrent protection.

# Increase Protection with AFDDs...

## What is an AFDD?

An AFDD is a device that is installed in your consumer unit to protect against arc faults. It does this by monitoring the waveform of electricity being used to detect unusual signatures that would signify an arc.

When an arc is detected, power to the circuit is cut off and the threat of fire is minimised. They are specifically designed to be more sensitive to arcs than regular circuit protection devices.

3YR
3 Year Warranty

B
B Curve Devices

C
C Curve Devices

Large Terminal Capacity

## Enhanced Protection Against Arc Faults

The smart way to detect arc faults in your circuit. With the amendment 2 of the 18th Edition it is now required for AFDDs to be installed for circuits supplying socket outlets in 4 areas;

- High Risk Residential Buildings (18M or 6 Storeys +)
- Houses of Multiple Occupancy (HMO),
- Purpose Built Student Accommodation
- Care Homes

## AFDD Detection

| Condition | Repeat for 25 Seconds |
|---|---|
| Series Arc Fault | 1.5 sec |
| Parallel Arc Fault | 1.5 sec |
| Over Voltage Fault | 1.5 sec |
| Self Test Fault | |
| No Fault | |

**Self Test Overview:**

- The Self Test feature is carried out automatically within each hour.
- In the event of a Self-Test failure, the AFDD will trip with the fault identified by the LED flashing sequence.

## What can an AFDD Detect?

- **A series arc fault**
  Is where the arc happens between two parts of the same conductor, such as a broken line conductor or a poorly terminated line conductor.

- **A parallel arc fault**
  Is where the arc occurs between the line conductor and either the neutral or earth conductors. If an arc fault occurs between line and earth there is quite a high likelihood that the RCD part of the AFDD will also operate.

- **Over Voltage Detection**
  This may indicate that the property has had a surge in voltage, if this continues you would need to contact the Electricity provider for your property.

# Surge Protection...

## Transient Overvoltages

Many installations across the UK have electronic components within them. Surge protection will offer those devices and appliances protection from overvoltage.

Products such as computers, printers, flat screen televisions, alarms, microwaves and washing machines are commonplace. These can all be vulnerable to transient overvoltages, which can significantly reduce the equipment's lifespan through degradation and damage.

A transient overvoltage or surge is a short duration increase in voltage measured between two or more conductors. In short, this means anything from microseconds (millionths of a second) to a few milliseconds (thousandths of a second) in duration.

## Example

A domestic consumer unit with 500m of LV supply overhead (Lpal) and 500m of supply underground (Lpcl);

**CRL = $f_{env}$ / ($L_p$ x $N_g$)**

**CRL = 85 / (2X0.5) x 0.5**

**CRL = 170**

Which means that surge protection will be required.

## Covers Overvoltage Control (443.5)

Calculated risk level (CRL) is used to determine if protection against overvoltages of atmospheric origin is required. The CRL is found by the following formula:

**CRL = $f_{env}$ / ($L_p$ x $N_g$)**

**$f_{env}$** - is an environmental factor selected according to Table 443.1 (Rural/Suburban or Urban)

**$L_p$** - is the risk assessment length in km

**$N_g$** - is the lightning ground flash density (flashes per km$^2$ per year) relevant to the location of the power line and connected structure (see figure 44.2).

If the CRL value is less than 1000 then SPD protection should be installed.
If the CRL value is 1000 or more then SPD protection is not required.



## Covers Overvoltage Control (443.4)

Protection against overvoltages shall be provided where the consequence caused by overvoltage could:

**(i)** Result in serious injury to, or loss of, human life.

**(ii)** Result in the interruption of public services and/or damage to cultural heritage.

**(iii)** Result in interruption of commercial or industrial activity.

**(iv)** Affect a large number of co-located individuals.

For all other cases, a risk assessment according to regulation 443.5 shall be performed to determine if protection against transient over-voltage is required. If the risk assessment is not performed, the electrical installation shall be provided with protection against transient over-voltages, except for single dwelling units where the total value of the installation and equipment therein does not justify such protection.

Protection against switching overvoltages shall be considered in the case of equipment likely to produce switching overvoltages or disturbances exceeding the values according to the voltage category of the installation, e.g. where an LV generator supplies the installation or where inductive or capacitive loads (e.g. motors, transformers, capacitor banks) storage units or high-current loads are installed.

## SPD Type 2

SPD which can prevent the spread of over-voltages in the electrical installations and protects equipment connected to it. It usually employs metal oxide varistor (MOV) technology and is characterised by an 8/20 µs current wave.

## Terminology

**$I_{imp}$** – Impulse current of 10/350 µs waveform.

**$I_n$** – Surge current of 8/20 µs waveform associated with Type 2 SPDs.

**$U_p$** - The residual voltage that is measured across the terminal of the SPD when In is applied.

**$U_c$** - The maximum voltage which may be continuously applied to the SPD without it conducting.

**$I_{max}$** - Maximum short circuit current of the device.

# Consumer Units

Functional, stylish, and innovative, our Elucian range of consumer units provides an exceptional option for any residential or light commercial environment. Packed with features making installation quick and simple for electricians, with a clear labelling kit for easy identification for the customer. A great range of configurations and sizes makes Elucian perfect for any installation requirement.

elucian

# Features & Benefits...

## Metal Consumer Units

All Elucian consumer units are constructed using non combustible and robust metal housings. They ensure compliance against the third amendment which was added to the BS 7671 wiring regulations in 2015 requiring consumer units in domestic premises to have a non-combustible enclosure.

## Mains Switch Tail Clamp

Each consumer and mini unit come supplied and pre-fitted with a Mains Switch Tail Clamp for added stress relief to ensure the Mains Tail terminations do not come loose and to help fix the Mains Switch Isolator more securely to prevent any rocking or movement. The Mains Switch Tail Clamp will accept a maximum of 25mm² double insulated tails.

## Retrofit Locking Device

Can be installed on the left or right of the enclosure.

## Variable Knockout Sizes

The units all come supplied with a wide range of 40mm, 32mm, 25mm and 20mm knockouts making each board universally adaptable for all installation and cable types.

## Rear Knockouts

The units also come supplied with rear knockouts to provide ample cabling capacity for any installation type. Each knockout will be supplied with a 0.5M grommet strip to allow a smooth entry into the board, protecting cable from any potential sharp edges.

## Shrouded Live Bus Bar

Our live bus bar comes supplied with the shroud pre-fitted for extra safety and convenience. Our Neutral and Earth Bus Bars are supplied with backed off screws allowing a faster installation

## Accessories Pack

Contains a Sticker Set for clear circuit identification and caution warnings, Grommet Knockout Strips, 2 x Blank Modules, a detailed instruction sheet for all recommended installation details and a Live Bus Bar, Cover and Caps for added insulation and installation completion.

# Consumer Unit
# Breakdown...

## Large Space for Wiring

Each consumer unit has a large space for wiring, suitable for the increasing demands and circuit ways on a consumer unit.

## Non-Combustible Enclosures

Non-combustible and robust metal housings ensure compliance against the third amendment added to the BS 7671 wiring regulations.

## Earth and Neutral Bar

Each unit has its own specifically configured Earth and Neutral Bar to allow for best practice installation of each board type.

## Torque Rating Label

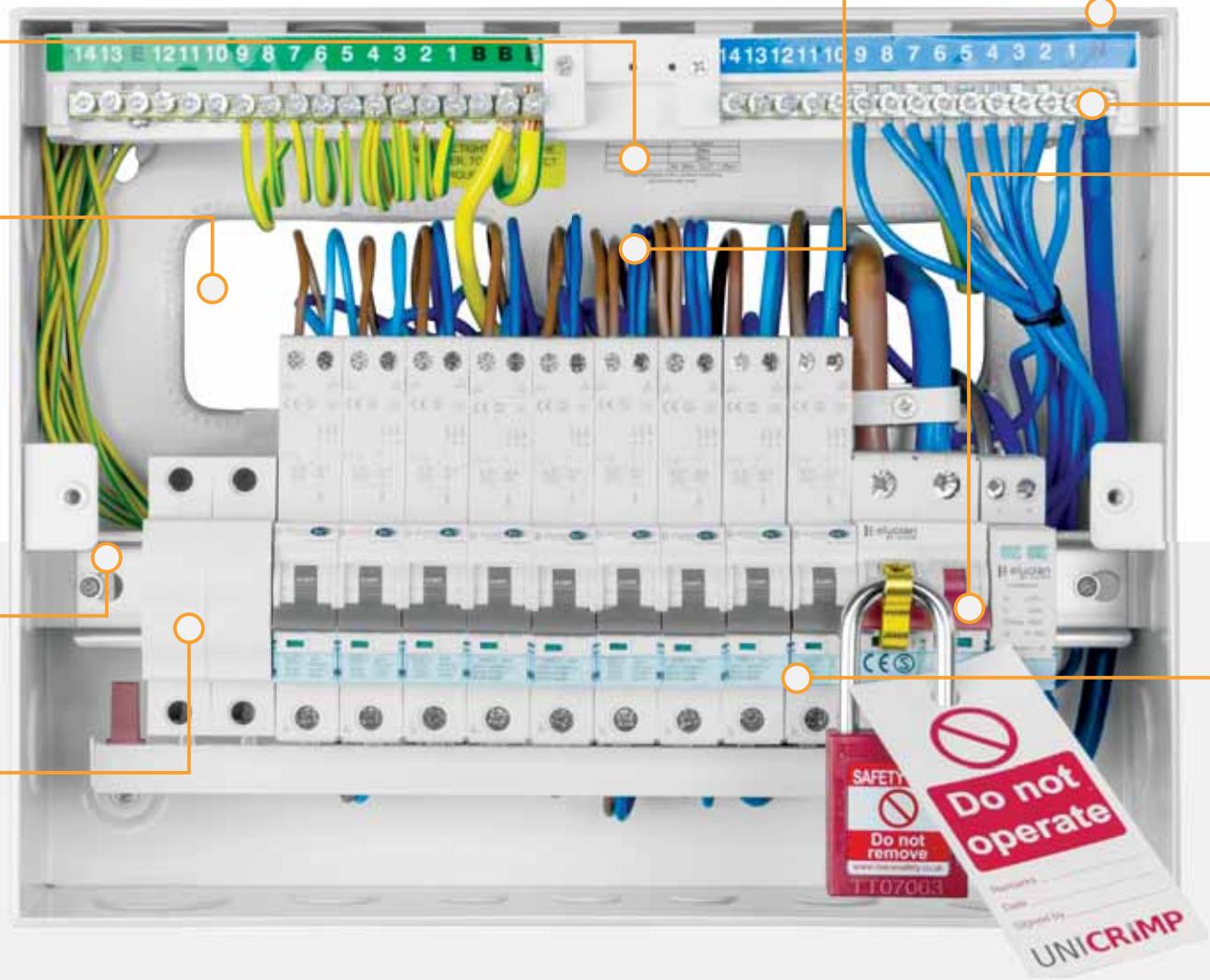
There is a handy Torque rating label inside every consumer unit, allowing you to make all terminations with ease.

## Grommet Strip

Each knockout will be supplied with a 0.5M grommet strip to allow a smooth entry into the board, protecting cable from any potential sharp edges.

## Compact RCBOs

The latest design in compact RCBOs leaves more than sufficient space for cabling and terminating.




## Lock Off Capabilities

Lockout devices are designed to attach to the moving part of the protective device, usually a switch toggle (rocker switch) which moves from the on to off position.

## Keyway DIN Rail

A fast release Keyway DIN Rail allows for ease of installation.

## MCB Style Solid Blanks

These are DIN Rail mountable and can only be removed when the cover is removed, thus providing additional safety. Other types of blanks can easily fall out or become dislodged.

## Enhanced Protection with AFDDs with integrated RCBO

The smart way to detect arc faults in your circuits.

Tail Clamp
Pre-Installed

### Unpopulated Consumer Units

| | |
|---|---|
| CUEB6 | 6 Way Unpopulated Metal Consumer Unit |
| CUEB8 | 8 Way Unpopulated Metal Consumer Unit |
| CUEB10 | 10 Way Unpopulated Metal Consumer Unit |
| CUEB12 | 12 Way Unpopulated Metal Consumer Unit |
| CUEB14 | 14 Way Unpopulated Metal Consumer Unit |
| CUEB16 | 16 Way Unpopulated Metal Consumer Unit |
| CUEB18 | 18 Way Unpopulated Metal Consumer Unit |
| CUEB22 | 22 Way Unpopulated Metal Consumer Unit |

### Unpopulated Garage Units

| | |
|---|---|
| GUEB5 | 5 Way Unpopulated Metal Garage Unit |

Supplied with complete complement of earth and neutral terminals along with marking labels, busbar, blank(s), grommet strip and instruction leaflet.

**Warranty (Years):** 10
**Standards:** BS EN 61439-3
**Dimensions (mm): 5 Way:** 168 (W) x 260 (H) x 115 (D) **6 Way:** 185 (W) x 260 (H) x 115 (D) **8 Way:** 222 (W) x 260 (H) x 115 (D)
**10 Way:** 258 (W) x 260 (H) x 115 (D) **12 Way:** 294 (W) x 260 (H) x 115 (D) **14 Way:** 330 (W) x 260 (H) x 115 (D)
**16 Way:** 366 (W) x 260 (H) x 115 (D) **18 Way:** 402 (W) x 260 (H) x 115 (D) **22 Way:** 474 (W) x 260 (H) x 115 (D)

RCD Fitted

Tail Clamp
Pre-Installed

### Mini Units (Garage)

| | |
|---|---|
| GUEB563RCD3 | 5 Way Unit with 63A 30mA RCD (3 Free Ways) |
| GUEB580RCD3 | 5 Way Unit with 80A 30mA RCD (3 Free Ways) |

Supplied with complete complement of earth and neutral terminals along with marking labels, busbar and instruction leaflet.

**Warranty (Years):** 10
**Warranty - Devices (Years):** 3
**Standards:** BS EN 61439-3 BS EN 61008-1
**Dimensions (mm):** 168 (W) x 260 (H) x 115 (D)

Straight Mains Board

100A
Mains Switch Fitted

Tail Clamp Pre-Installed

Supplied with complete complement of earth and neutral terminals along with marking labels, busbar and instruction leaflet.

### Switch-Disconnector Units

| | |
|---|---|
| CUEB8MS6 | 8 Way Unit with 100A Mains Switch (6 Free Ways) |
| CUEB10MS8 | 10 Way Unit with 100A Mains Switch (8 Free Ways) |
| CUEB12MS10 | 12 Way Unit with 100A Mains Switch (10 Free Ways) |
| CUEB14MS12 | 14 Way Unit with 100A Mains Switch (12 Free Ways) |
| CUEB16MS14 | 16 Way Unit with 100A Mains Switch (14 Free Ways) |
| CUEB18MS16 | 18 Way Unit with 100A Mains Switch (16 Free Ways) |
| CUEB22MS20 | 22 Way Unit with 100A Mains Switch (20 Free Ways) |

**Warranty (Years):** 10
**Warranty - Devices (Years):** 3
**Standards:** BS EN 61439-3 BS EN 60947-3
**Dimensions (mm): 8 Way:** 222 (W) x 260 (H) x 115 (D) **10 Way:** 258 (W) x 260 (H) x 115 (D)
**12 Way:** 294 (W) x 260 (H) x 115 (D) **14 Way:** 330 (W) x 260 (H) x 115 (D) **16 Way:** 366 (W) x 260 (H) x 115 (D)
**18 Way:** 402 (W) x 260 (H) x 115 (D) **22 Way:** 474 (W) x 260 (H) x 115 (D)

Straight Mains Board

100A
Mains Switch Fitted

Tail Clamp Pre-Installed

SPD
SPD Fitted

Supplied with complete complement of earth and neutral terminals along with marking labels, busbar and instruction leaflet.

### Switch-Disconnector Units Including Surge Protection

| | |
|---|---|
| CUEB10MSSP7 | 10 Way Unit with 100A Mains Switch & SPD (7 Free Ways) |
| CUEB12MSSP9 | 12 Way Unit with 100A Mains Switch & SPD (9 Free Ways) |
| CUEB14MSSP11 | 14 Way Unit with 100A Mains Switch & SPD (11 Free Ways) |
| CUEB16MSSP13 | 16 Way Unit with 100A Mains Switch & SPD (13 Free Ways) |
| CUEB18MSSP15 | 18 Way Unit with 100A Mains Switch & SPD (15 Free Ways) |
| CUEB22MSSP19 | 22 Way Unit with 100A Mains Switch & SPD (19 Free Ways) |

**Warranty (Years):** 10
**Warranty - Devices (Years):** 3
**Standards:** BS EN 61439-3 BS EN 60947-3 BS EN 61643-1-11
**Dimensions (mm): 10 Way:** 258 (W) x 260 (H) x 115 (D) **12 Way:** 294 (W) x 260 (H) x 115 (D) **14 Way:** 330 (W) x 260 (H) x 115 (D)
**16:** 366 (W) x 260 (H) x 115 (D) **18 Way: 402** (W) x 260 (H) x 115 (D) **22 Way:** 474 (W) x 260 (H) x 115 (D)

Split Load Board

100A

Mains Switch Fitted

Tail Clamp Pre-Installed

RCD

RCD Fitted

Supplied with complete complement of earth and neutral terminals along with marking labels, busbar and instruction leaflet.

### Split Load Units

| | |
|---|---|
| CUEB14MSRCD8 | 14 Way Unit with 100A Mains Switch + 2 x 80A 30mA RCD (4+4 Free Ways) |
| CUEB16MSRCD10 | 16 Way Unit with 100A Mains Switch + 2 x 80A 30mA RCD (5+5 Free Ways) |
| CUEB18MSRCD12 | 18 Way Unit with 100A Mains Switch + 2 x 80A 30mA RCD (6+6 Free Ways) |
| CUEB22MSRCD16 | 22 Way Unit with 100A Mains Switch + 2 x 80A 30mA RCD (8+8 Free Ways) |

**Warranty (Years):** 10
**Warranty - Devices (Years):** 3
**Standards:** BS EN 61439-3 BS EN 60947-3 BS EN 61008-1
**Dimensions (mm): 14 Way:** 330 (W) x 260 (H) x 115 (D) **16 Way:** 366 (W) x 260 (H) x 115 (D) **18 Way:** 402 (W) x 260 (H) x 115 (D)
**22 Way:** 474 (W) x 260 (H) x 115 (D)

Split Load Board With Surge Protection

100A

Mains Switch Fitted

Tail Clamp Pre-Installed

RCD

RCD Fitted

SPD

SPD Fitted

Supplied with complete complement of earth and neutral terminals along with marking labels, busbar and instruction leaflet.

### Split Load Units Including Surge Protection

| | |
|---|---|
| CUEB14MSRCDSP6 | 14 Way Unit with 100A Mains Switch + 2 x 80A 30mA RCD + 2 Pole SPD (3+3 Free Ways) |
| CUEB16MSRCDSP8 | 16 Way Unit with 100A Mains Switch + 2 x 80A 30mA RCD + 2 Pole SPD (4+4 Free Ways) |
| CUEB18MSRCDSP10 | 18 Way Unit with 100A Mains Switch + 2 x 80A 30mA RCD + 2 Pole SPD (5+5 Free Ways) |
| CUEB22MSRCDSP14 | 22 Way Unit with 100A Mains Switch + 2 x 80A 30mA RCD + 2 Pole SPD (7+7 Free Ways) |

**Warranty (Years):** 10
**Warranty - Devices (Years):** 3
**Standards:** BS EN 61439-3 BS EN 60947-3 BS EN 61008-1 BS EN 61643-1-11
**Dimensions (mm): 14 Way:** 330 (W) x 260 (H) x 115 (D) **16 Way:** 366 (W) x 260 (H) x 115 (D) **18 Way:** 402 (W) x 260 (H) x 115 (D)
**22 Way:** 474 (W) x 260 (H) x 115 (D)

Supplied with complete complement of earth and neutral terminals along with marking labels, busbar and instruction leaflet.

HIGH
High Integrity Board

100A
Mains Switch Fitted

Tail Clamp Pre-Installed

RCD
RCD Fitted

### Combination Units (High Integrity)

| | |
|---|---|
| CUEHIB14MSRCD8 | 14 Way Unit with 100A Mains Switch + 2 x 80A RCD (8 Free Ways) |
| CUEHIB16MSRCD10 | 16 Way Unit with 100A Mains Switch + 2 x 80A RCD (10 Free Ways) |
| CUEHIB18MSRCD12 | 18 Way Unit with 100A Mains Switch + 2 x 80A RCD (12 Free Ways) |
| CUEHIB22MSRCD16 | 22 Way Unit with 100A Mains Switch + 2 x 80A RCD (16 Free Ways) |

**Warranty (Years):** 10
**Warranty - Devices (Years):** 3
**Standards:** BS EN 61439-3 BS EN 60947-3 BS EN 61008-1
**Dimensions (mm): 14 Way:** 330 (W) x 260 (H) x 115 (D) **16 Way:** 366 (W) x 260 (H) x 115 (D) **18 Way:** 402 (W) x 260 (H) x 115 (D)
**22 Way:** 474 (W) x 260 (H) x 115 (D)

Supplied with complete complement of earth and neutral terminals along with marking labels, busbar and instruction leaflet.

HIGH
High Integrity Board

100A
Mains Switch Fitted

Tail Clamp Pre-Installed

RCD
RCD Fitted

SPD
SPD Fitted

### Combination Units (High Integrity) Including Surge Protection

| | |
|---|---|
| CUEHIB14MSRCDSP6 | 14 Way Unit with 100A Mains Switch + 2 x 80A RCD & SPD (6 Free Ways) |
| CUEHIB16MSRCDSP8 | 16 Way Unit with 100A Mains Switch + 2 x 80A RCD & SPD (8 Free Ways) |
| CUEHIB18MSRCDSP10 | 18 Way Unit with 100A Mains Switch + 2 x 80A RCD & SPD (10 Free Ways) |
| CUEHIB22MSRCDSP14 | 22 Way Unit with 100A Mains Switch + 2 x 80A RCD & SPD (14 Free Ways) |

**Warranty (Years):** 10
**Warranty - Devices (Years):** 3
**Standards:** BS EN 61439-3 BS EN 60947-3 BS EN 61008-1 BS EN 61643-1-11
**Dimensions (mm): 14 Way:** 330 (W) x 260 (H) x 115 (D) **16 Way:** 366 (W) x 260 (H) x 115 (D) **18 Way:** 402 (W) x 260 (H) x 115 (D)
**22 Way:** 474 (W) x 260 (H) x 115 (D)

100A
Mains
Switch Fitted

In & Out Tail Clamps
Pre-Installed

SPD
SPD Fitted

Switch-Disconnector Units Including Surge Protection

RECEB3MSSP 3 Way Metal REC Unit with 100A Main Switch & SPD

- Installs between the meter and consumer unit
- 2-part anti-tamper lockable lid

**Warranty (Years):** 10
**Warranty - Devices (Years):** 3
**Standards:** BS EN 61439-3 BS EN 60947-3 BS EN 61643-1-11
**Dimensions (mm):** 110 (W) x 260 (H) x 115 (D)

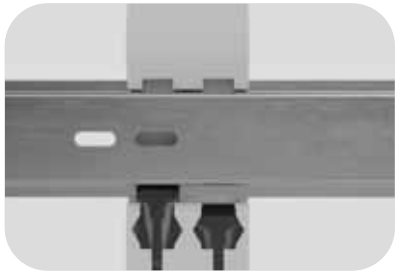


# Protective Devices

Our Elucian range of Protective Devices are easy to install, suitable for residential and light commercial environments, they provide protection against earth faults to ensure people's safety against electrocution and fires.

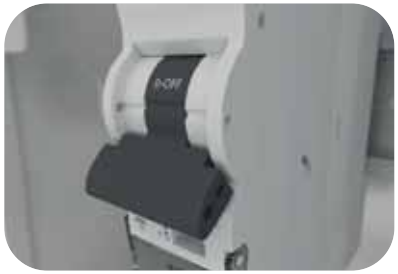
elucian

# Features & Benefits...



## Clip in Devices

The Elucian Protective Devices simply click onto the DIN Rail and can be secured with this locking mechanism.
This means work can be carried out quicker and without dealing with tight spaces.



## Lock Off Capabilities

Lockout devices (available at Unicrimp®) are designed to attach to the moving part of the protective device, usually a switch toggle (rocker switch) which moves from the on to off position. This ensures the switch cannot be switched back on while work is being carried out.

## Clear Indication

Each protective device has clear and visible trip indication along with clear product information which is easily visible whatever the switch position.

## 3 Year Product Warranty

We take pride in leading the market and our 3 year warranty offers the best peace of mind available as standard today. It reflects the confidence we have in our products and the benefit of years of continuous engineering improvement.

Lockable switch (with compatible kit)
Thermal / Magnetic Trip Release

**B**

B curve

MCB's Single Pole B Curve

| | |
|---|---|
| CU1MCB6B | 6A B Curve True 6kA MCB |
| CU1MCB10B | 10A B Curve True 6kA MCB |
| CU1MCB16B | 16A B Curve True 6kA MCB |
| CU1MCB20B | 20A B Curve True 6kA MCB |
| CU1MCB25B | 25A B Curve True 6kA MCB |
| CU1MCB32B | 32A B Curve True 6kA MCB |
| CU1MCB40B | 40A B Curve True 6kA MCB |
| CU1MCB50B | 50A B Curve True 6kA MCB |
| CU1MCB63B | 63A B Curve True 6kA MCB |

**C**

C curve

MCB's Single Pole C Curve

| | |
|---|---|
| CU1MCB6C | 6A C Curve True 6kA MCB |
| CU1MCB10C | 10A C Curve True 6kA MCB |
| CU1MCB16C | 16A C Curve True 6kA MCB |
| CU1MCB20C | 20A C Curve True 6kA MCB |
| CU1MCB25C | 25A C Curve True 6kA MCB |
| CU1MCB32C | 32A C Curve True 6kA MCB |
| CU1MCB40C | 40A C Curve True 6kA MCB |
| CU1MCB50C | 50A C Curve True 6kA MCB |
| CU1MCB63C | 63A C Curve True 6kA MCB |

Single Pole

6kA

True 6ka

Large Terminal Capacity (mm²)

**Warranty (Years):** 3
**Standards:** BS EN 60898-1
**Dimensions (mm):** 17.8 (W) x 85.3 (H) x 76.6 (D)

Lockable switch (with compatible kit)

B

B curve

RCBO's Type A Single Pole B Curve

| | |
|---|---|
| CU1RCBO6B | 6A 30mA B Curve True 6kA RCBO |
| CU1RCBO10B | 10A 30mA B Curve True 6kA RCBO |
| CU1RCBO16B | 16A 30mA B Curve True 6kA RCBO |
| CU1RCBO20B | 20A 30mA B Curve True 6kA RCBO |
| CU1RCBO25B | 25A 30mA B Curve True 6kA RCBO |
| CU1RCBO32B | 32A 30mA B Curve True 6kA RCBO |
| CU1RCBO40B | 40A 30mA B Curve True 6kA RCBO |

C

C curve

RCBO's Type A Single Pole C Curve

| | |
|---|---|
| CU1RCBO6C | 6A 30mA C Curve True 6kA RCBO |
| CU1RCBO10C | 10A 30mA C Curve True 6kA RCBO |
| CU1RCBO16C | 16A 30mA C Curve True 6kA RCBO |
| CU1RCBO20C | 20A 30mA C Curve True 6kA RCBO |
| CU1RCBO25C | 25A 30mA C Curve True 6kA RCBO |
| CU1RCBO32C | 32A 30mA C Curve True 6kA RCBO |
| CU1RCBO40C | 40A 30mA C Curve True 6kA RCBO |

A — Type A

30mA — Trip Current

Large Terminal Capacity (mm²)

6kA — True 6ka

Single Pole + Neutral

**Warranty (Years):** 3
**Standards:** BS EN 61009-1
**Neutral Flylead (mm):** 450
**Dimensions (mm):** 17.8 (W) x 91.8 (H) x 76.6 (D)

Lockable switch (with compatible kit)

B

B curve

RCBO's Type A 2 Module Double Pole B Curve

| | |
|---|---|
| CU2RCBO45B | 45A 30mA B Curve True 6kA RCBO |
| CU2RCBO50B | 50A 30mA B Curve True 6kA RCBO |
| CU2RCBO63B | 63A 30mA B Curve True 6kA RCBO |

C

C curve

RCBO's Type A 2 Module Double Pole C Curve

| | |
|---|---|
| CU2RCBO45C | 45A 30mA C Curve True 6kA RCBO |
| CU2RCBO50C | 50A 30mA C Curve True 6kA RCBO |
| CU2RCBO63C | 63A 30mA C Curve True 6kA RCBO |

A — Type A

30mA — Trip Current

Large Terminal Capacity (mm²)

6kA — True 6ka

Double Pole

**Warranty (Years):** 3
**Standards:** BS EN 61009-1
**Dimensions (mm):** 35.6 (W) x 84 (H) x 76.6 (D)

63A | 80A

100A

Lockable switch (with compatible kit)

| RCD's | | Time Delay RCD's | |
|---|---|---|---|
| CU2RCD63A | 63A 30mA 2 Pole RCD | CU2RCDTD63A | 63A 100mA 2 Pole Time Delay RCD |
| CU2RCD80A | 80A 30mA 2 Pole RCD | CU2RCDTD80A | 80A 100mA 2 Pole Time Delay RCD |
| CU2RCD100A | 100A 30mA 2 Pole RCD | CU2RCDTD100A | 100A 100mA 2 Pole Time Delay RCD |

Type A | Type S (Time Delay) | Large Terminal Capacity (mm²) | Double Pole

**Warranty (Years):** 3
**Standards:** BS EN 61008-1
**Dimensions (mm):** 35.5 (W) x 85.2 (H) x 73 (D) **100:** 35.6 (W) x 87 (H) x 74 (D)

CU1SPD275T

| SPD | |
|---|---|
| CU1SPD275T | 40kA 275Uc (V~) 2 Pole Type 2 SPD with Tails |

Replaceable cartridge: CU1SPDC275, see page A75.

Protection Level (Up) | Response Time | Large Terminal Capacity (mm²) | Max Discharge Current | Double Pole

**Warranty (Years):** 3
**Standards:** BS EN 61643-1-11
**Dimensions (mm):** 18 (W) x 90 (H) x 70 (D)

B

B curve

AFDD RCBO's B Curve

| | |
|---|---|
| CU1AFDD6B | 6A 30mA 1P B Curve True 6kA AFDD & RCBO |
| CU1AFDD10B | 10A 30mA 1P B Curve True 6kA AFDD & RCBO |
| CU1AFDD16B | 16A 30mA 1P B Curve True 6kA AFDD & RCBO |
| CU1AFDD20B | 20A 30mA 1P B Curve True 6kA AFDD & RCBO |
| CU1AFDD32B | 32A 30mA 1P B Curve True 6kA AFDD & RCBO |
| CU1AFDD40B | 40A 30mA 1P B Curve True 6kA AFDD & RCBO |

C

C curve

AFDD RCBO's C Curve

| | |
|---|---|
| CU1AFDD6C | 6A 30mA 1P C Curve True 6kA AFDD & RCBO |
| CU1AFDD10C | 10A 30mA 1P C Curve True 6kA AFDD & RCBO |
| CU1AFDD16C | 16A 30mA 1P C Curve True 6kA AFDD & RCBO |
| CU1AFDD20C | 20A 30mA 1P C Curve True 6kA AFDD & RCBO |
| CU1AFDD32C | 32A 30mA 1P C Curve True 6kA AFDD & RCBO |
| CU1AFDD40C | 40A 30mA 1P C Curve True 6kA AFDD & RCBO |

A — Type A

30mA — Trip Current

Large Terminal Capacity (mm²)

6kA — True 6ka

Single Pole + Switched Neutral

**Warranty (Years):** 3
**Standards:** BS EN 61009-1 BS EN 62606
**Dimensions (mm):** 17.8 (W) x 118 (H) x 76.6 (D)

2 Pole 20A Contactors (1 Module)

| | |
|---|---|
| MC20202 | 2P 20A Contactor, 2 x 'NC' Contacts |
| MC20211 | 2P 20A Contactor, 1 x 'NO', 1 x 'NC' Contacts |
| MC20220 | 2P 20A Contactor, 2 x 'NO' Contacts |

4 Pole 25A Contactors (2 Module)

| | |
|---|---|
| MC25404 | 4P 25A Contactor, 4 x 'NC' Contacts |
| MC25422 | 4P 25A Contactor, 2 x 'NO', 2 x 'NC' Contacts |
| MC25431 | 4P 25A Contactor, 3 x 'NO', 1 x 'NC' Contacts |
| MC25440 | 4P 25A Contactor, 4 x 'NO' Contacts |

4 Pole 40A Contactors (3 Module)

| | |
|---|---|
| MC40404 | 4P 40A Contactor, 4 x 'NC' Contacts |
| MC40422 | 4P 40A Contactor, 2 x 'NO', 2 x 'NC' Contacts |
| MC40431 | 4P 40A Contactor, 3 x 'NO', 1 x 'NC' Contacts |
| MC40440 | 4P 40A Contactor, 4 x 'NO' Contacts |

4 Pole 63A Contactors (3 Module)

| | |
|---|---|
| MC63404 | 4P 63A Contactor, 4 x 'NC' Contacts |
| MC63422 | 4P 63A Contactor, 2 x 'NO', 2 x 'NC' Contacts |
| MC63431 | 4P 63A Contactor, 3 x 'NO', 1 x 'NC' Contacts |
| MC63440 | 4P 63A Contactor, 4 x 'NO' Contacts |

**Warranty (Years):** 3
**Standards:** BS EN 60947-4-1 BS EN 61095
**Dimensions (mm): 1 Module:** 18 (W) x 81 (H) x 68 (D) **2 Module:** 36 (W) x 81 (H) x 68 (D) **3 Module:** 54 (W) x 85 (H) x 68 (D)

Lockable switch (with compatible kit)

Mains Switch-Disconnector

| | |
|---|---|
| CU2MS100 | 100A 2 Pole Disconnector-Switch |

Large Terminal Capacity (mm²)

Rated

Double Pole

**Warranty (Years):** 3
**Standards:** BS EN 60947-3
**Dimensions (mm):** 35.9 (W) x 85.3 (H) x 76.6 (D)

CU1BLANK

CU2EMID

Blank Modules

| | |
|---|---|
| CU1BLANK | Single Way Din Rail Blank Module |

Energy Meters

| | |
|---|---|
| CU2EMID | 100A Single Phase Modbus Multifunction Energy Meter - MID certified |

**Warranty (Years):** 3
**Dimensions (mm): Blank Modules:** 18 (W) x 81 (H) x 70 (D) **Energy Meters:** 35 (W) x 90 (H) x 47 (D)

DB700 | DB750

DB701 | DB751

Suitable for use with CLICK DB981 cable shroud

## Fused Main Switch

| | |
|---|---|
| DB700 | 80A Fused Main Switch (80A HRC Fuse Fitted) |
| DB701 | 80A Fused Main Switch (80A HRC Fuse Fitted) - Lockable |
| DB750 | 100A Fused Main Switch (80A HRC Fuse Fitted) |
| DB751 | 100A Fused Main Switch (80A HRC Fuse Fitted) - Lockable |

80A
HRC fuse supplied

For more information on compatible fuses, see page A82.

**Standards:** BS 60947-03
**Cable Size (mm²): 700 701:** 25 & 16 **750 751:** 35 & 25
**Dimensions (mm): 700 701:** 127.5 (W) x 53.5 (D) x 80.5 (H) **750 751:** 133 (W) x 60 (D) x 101 (H)

DB790 | DB791

DB981

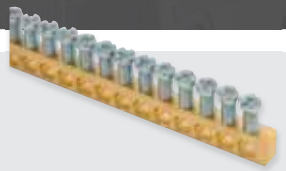
## Fused Main Switch Accessories

**DB790** Metal Enclosure for Fused Main Switch (DB700/701)
Suitable for DB700 / 701 80A fused main switch

**DB791** Metal Enclosure for Fused Main Switch (DB750/751)
Suitable for DB701 / 751 100A fused main switch

**DB981** Elongated Cable Shroud (Packaged Individually)
Enables surface and rear entry cable access
Suitable for use with the Fused Main Switch range (DB700, DB701, DB750 & DB751)

**Cable Size (mm²): 790:** 25 & 16 **791 981:** 35
**Dimensions (mm): 790 791:** 168 (W) x 94.5 (D) x 133 (H) **981:** 80 (W) x 90 (D) x 45 (H)



Terminal Bar

Support Clip & Screws

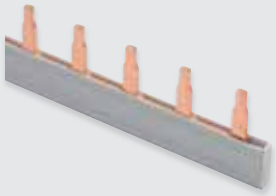
Terminal Bars

| | |
|---|---|
| CUTB4 | 4 Way Terminal Bar |
| CUTB6 | 6 Way Terminal Bar |
| CUTB7 | 7 Way Terminal Bar |
| CUTB8 | 8 Way Terminal Bar |
| CUTB9 | 9 Way Terminal Bar |
| CUTB10 | 10 Way Terminal Bar |
| CUTB12 | 12 Way Terminal Bar |
| CUTB15 | 15 Way Terminal Bar |
| CUTB16 | 16 Way Terminal Bar |
| CUTB17 | 17 Way Terminal Bar |
| CUTB18 | 18 Way Terminal Bar |
| CUTB19 | 19 Way Terminal Bar |
| CUTB20 | 20 Way Terminal Bar |
| CUTB22 | 22 Way Terminal Bar |
| CUTB23 | 23 Way Terminal Bar |
| CUTB26 | 26 Way Terminal Bar |
| CUTBSC | Terminal Bar Support Clip & Scews (PK5) |
| CUTBSCSL | Split Load Terminal Bar Support Clip & Screws (PK 5) |

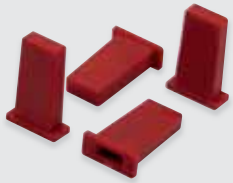
*All accessories are for use on Elucian Consumer Units only and are not suitable for Consumer Unit conversions.







Busbars

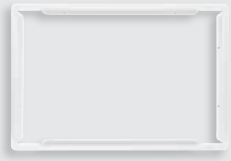


Busbar Caps

Busbar & Cover Sets

| | |
|---|---|
| CUBUS3 | 3 Way Busbar & Cover Set |
| CUBUS4 | 4 Way Busbar & Cover Set |
| CUBUS5 | 5 Way Busbar & Cover Set |
| CUBUS6 | 6 Way Busbar & Cover Set |
| CUBUS7 | 7 Way Busbar & Cover Set |
| CUBUS8 | 8 Way Busbar & Cover Set |
| CUBUS12 | 12 Way Busbar & Cover Set |
| CUBUS20 | 20 Way Busbar & Cover Set |
| CUCAP | Busbar Caps (PK 10) |

DIN Rail



Recess Frame

DIN Rails

| | |
|---|---|
| CUDR10 | 10 Way DIN Rail |
| CUDR12 | 12 Way DIN Rail |
| CUDR14 | 14 Way DIN Rail |
| CUDR16 | 16 Way DIN Rail |
| CUDR18 | 18 Way DIN Rail |
| CUDR22 | 22 Way DIN Rail |

Recess Frames

| | |
|---|---|
| CUEBRF16 | Recess Frames |
| CUEBRF18 | Recess Frames |
| CUEBRF22 | Recess Frames |

*All accessories are for use on Elucian Consumer Units only and are not suitable for Consumer Unit conversions.

SPD Cartridge

SPD Cartridge
CU1SPDC275 275V~ 40kA SPD Cartridge
CU2SPDC275 275V~ 40kA SPD Cartridge

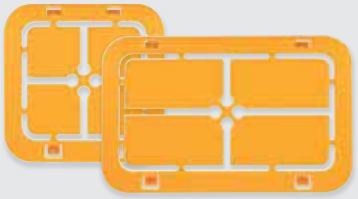
Retrofit Locking Device

Retrofit Locking Device
CUELOCK Retrofit Locking Device
Can be installed on the left or right of the enclosure. Padlock not supplied

Neutral Link Cable

Combined Live Link Cable

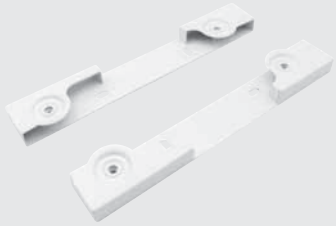
Link Cables
CUCNL210 Neutral Link Cable (210mm)
CUCNL285 Neutral Link Cable (285mm)
CUCNL325 Neutral Link Cable (325mm)
CUCLL Combined Live Link Cable (285mm & 355mm)



CUCEPS

CUCEPL

Cable Entry Plate
CUCEPS Knockout Cable Entry Plate - Small (PK 5)
CUCEPL Knockout Cable Entry Plate - Large (PK 5)

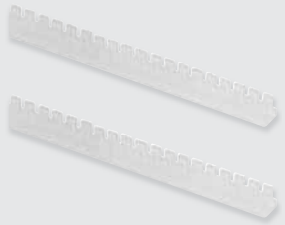


Pattress Mount
CUEBPM Pattress Mount

*All accessories are for use on Elucian Consumer Units only and are not suitable for Consumer Unit conversions.







Grommet Strip

Mains Clamp & Screw

Grommet Strip
CUGS1 500mm Grommet Strip (PK 3)

Mains Cable Clamp Components
CUCLAMP Mains Cable Clamp & Screw

Mains Clamp Plate

Adhesive Labels

Mains Cable Clamp Components
CUPLATE Mains Cable Clamp Plate

Adhesive Labels
CULAB1 Set of Adhesive Labels

Flush Lid
CUEB18FL Flush Lid (18 Way Consumer Units)

*All accessories are for use on Elucian Consumer Units only and are not suitable for Consumer Unit conversions.

UNICRIMP Scolmore GROUP

The Unicrimp® range includes cable ties, crimp terminals, PVC tape, copper tube terminals, cable clips, and brass and nylon glands – providing everything required to harness cable between the consumer unit and the end accessory.

For more information check out the latest Unicrimp® Electrical accessories catalogue or visit unicrimp.com

### Grommets

Standard and quick fit grommets available in 20mm and 25mm.

### Lock Off Kit

Basic and contractor Lock Off Kits available.

### Nylon & Brass Glands

Nylon available in black, grey, red & white in sizes ranging from 12mm-63mm. 32mm & 40mm brass meter tail glands with plug.

## Bluetooth DIN Rail Time Switches

Bluetooth is a wireless communication protocol that allows programming of the switch using the free APP available on Android and IOS smart phones and tablets. This works the same way as contactless bank cards, oyster travel cards and mobile payment systems. The program is setup on the APP and transfers to the switch when the smart device is held in close proximity.

## NFC DIN Rail Time Switches

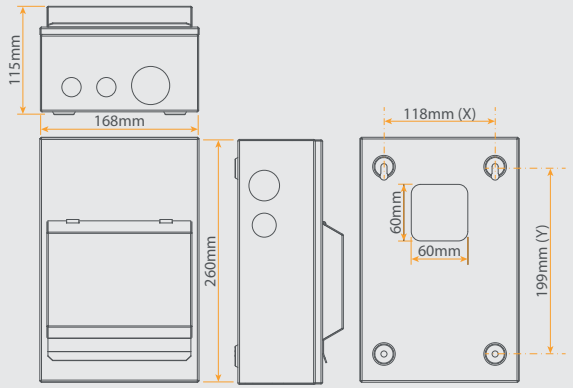
NFC (Near Field Communication) is a wireless communication protocol that allows you to program the switch using the free Sangamo Connect app on an Android NFC Smart phone. This works the same way as contactless bank cards,oyster travel cards and mobile payment systems. You set the program up on the app and hold the phone next to the switch to read, write or transfer programming times.

## DIN Rail Time Switches

SANGAMO

All Sangamo's DIN Rail mountable time switches are designed for 35mm "Top Hat" rail. Switches come in 1, 2 or 4 modules, each module is 17.5mm wide, which fits the required width in the DIN enclosure.

Using the 25195 USB Hub and Easy Vue software or 25196 USB Hub with bluetooth and connect app programs can be transferred to a 25193 data key and then to one or multiple switches. 1 module switches do not require a Data Key as the fascia can be removed and slotted into the Hub directly.

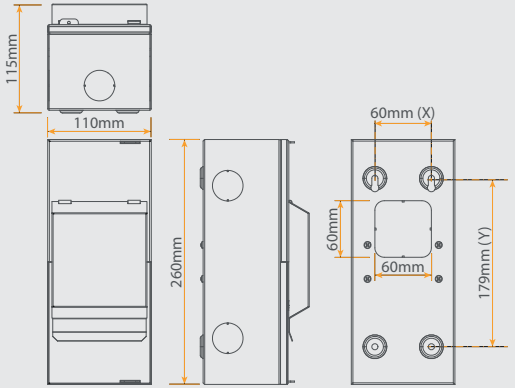



## Mini (Garage) Units

| Board Product Code | GUEB563RCD3 | GUEB580RCD3 | GUEB5 |
|---|---|---|---|
| Ingress Protection | IP20 | | |
| IK Rating | IK05 | | |
| Operational Temperature (°C) | -5 to +40 | | |
| Tail Clamp Capacity (mm²) | 25 | | |
| Tail Clamp Torque (Nm) | 1.5 | | |
| CPC & N Bars Capacity (mm²) | 16 | | |
| CPC & N Bars Torque (Nm) | 2 | | |
| Switch-Disconnector Fitted | - | - | - |
| RCD Fitted | 1 x 63A 30mA RCD (CU2RCD63A) | 1 x 80A 30mA RCD (CU2RCD80A) | - |
| SPD Fitted | - | - | - |
| Free Ways | 3 | 3 | 5 |
| Nett Weight (kg) | 3.168 | 3.168 | 2.8 |

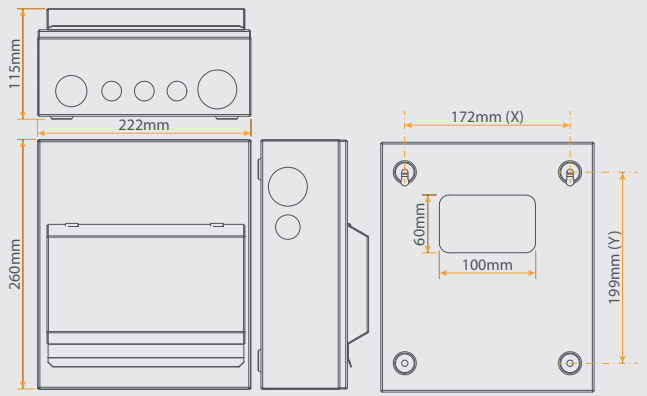






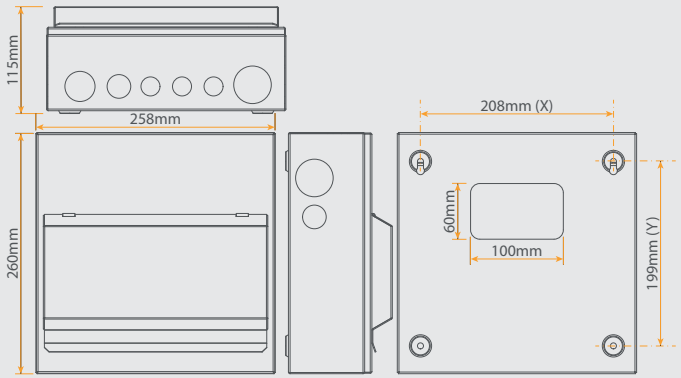

## REC 3 Way Unit

| Board Product Code | RECEB3MSSP |
|---|---|
| Ingress Protection | IP20 |
| IK Rating | IK05 |
| Operational Temperature (°C) | -5 to +40 |
| Tail Clamp Capacity (mm²) | 25 |
| Tail Clamp Torque (Nm) | 1.5 |
| CPC & N Bars Capacity (mm²) | 16 |
| CPC & N Bars Torque (Nm) | 2 |
| Switch-Disconnector Fitted | 1 x 100A (CU2MS100) |
| RCD Fitted | - |
| SPD Fitted | 1 x 40kA SPD (CU1SPD275) |
| Free Ways | 0 |
| Nett Weight (kg) | 1.6 |




## 8 Way Units

| Board Product Code | CUEB8MS6 | CUEB8 |
|---|---|---|
| Ingress Protection | IP20 | |
| IK Rating | IK05 | |
| Operational Temperature (°C) | -5 to +40 | |
| Tail Clamp Capacity (mm²) | 25 | |
| Tail Clamp Torque (Nm) | 1.5 | |
| CPC & N Bars Capacity (mm²) | 16 | |
| CPC & N Bars Torque (Nm) | 2 | |
| Switch-Disconnector Fitted | 1 x 100A (CU2MS100) | - |
| RCD Fitted | - | - |
| SPD Fitted | - | - |
| Free Ways | 6 | 8 |
| Nett Weight (kg) | 3.3 | 2.5 |

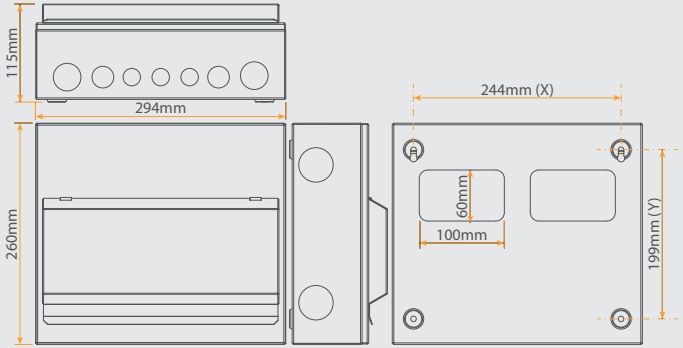



## 10 Way Units

| Board Product Code | CUEB10MS8 | CUEB10MSSP7 | CUEB10 |
|---|---|---|---|
| Ingress Protection | IP20 | | |
| IK Rating | IK05 | | |
| Operational Temperature (°C) | -5 to +40 | | |
| Tail Clamp Capacity (mm²) | 25 | | |
| Tail Clamp Torque (Nm) | 1.5 | | |
| CPC & N Bars Capacity (mm²) | 16 | | |
| CPC & N Bars Torque (Nm) | 2 | | |
| Switch-Disconnector Fitted | 1 x 100A (CU2MS100) | | - |
| RCD Fitted | - | | - |
| SPD Fitted | - | 1 x 40kA SPD (CU1SPD275) | - |
| Free Ways | 8 | 7 | 10 |
| Nett Weight (kg) | 3.6 | 3.86 | 2.8 |



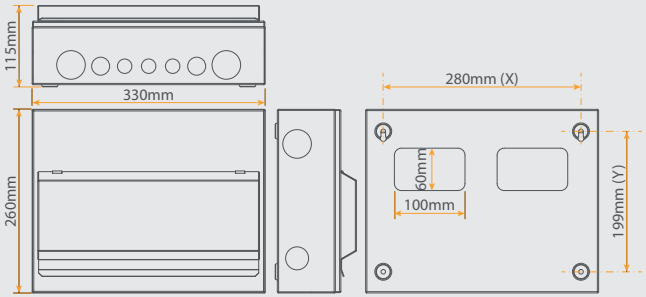





## 12 Way Units

| Board Product Code | CUEB12MS10 | CUEB12MSSP9 | CUEB12 |
|---|---|---|---|
| Ingress Protection | IP20 | | |
| IK Rating | IK05 | | |
| Operational Temperature (°C) | -5 to +40 | | |
| Tail Clamp Capacity (mm²) | 25 | | |
| Tail Clamp Torque (Nm) | 1.5 | | |
| CPC & N Bars Capacity (mm²) | 16 | | |
| CPC & N Bars Torque (Nm) | 2 | | |
| Switch-Disconnector Fitted | 1 x 100A (CU2MS100) | | - |
| RCD Fitted | - | | - |
| SPD Fitted | - | 1 x 40kA SPD (CU1SPD275) | - |
| Free Ways | 10 | 9 | 12 |
| Nett Weight (kg) | 3.9 | 4.16 | 3.1 |

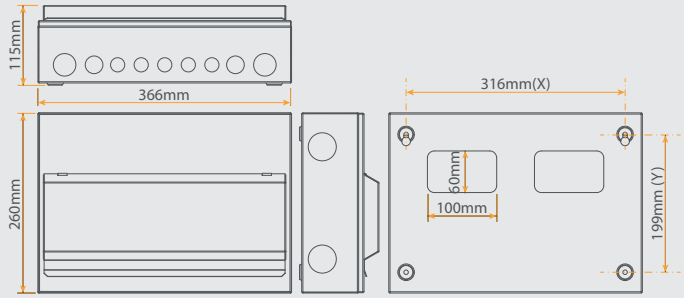
Technical Information




## 14 Way Units

| Board Product Code | CUEB14MS12 | CUEB14MSRCD8 | CUEB14MSRCDSP6 | | Board Product Code | CUEHIB14MSRCD8 | CUEB14MSSP11 | CUEHIB14MSRCDSP6 | CUEB14 |
|---|---|---|---|---|---|---|---|---|---|
| Ingress Protection | IP20 | IP20 | IP20 | | Ingress Protection | IP20 | IP20 | IP20 | IP20 |
| IK Rating | IK05 | IK05 | IK05 | | IK Rating | IK05 | IK05 | IK05 | IK05 |
| Operational Temperature (°C) | -5 to +40 | -5 to +40 | -5 to +40 | | Operational Temperature (°C) | -5 to +40 | -5 to +40 | -5 to +40 | -5 to +40 |
| Tail Clamp Capacity (mm²) | 25 | 25 | 25 | | Tail Clamp Capacity (mm²) | 25 | 25 | 25 | 25 |
| Tail Clamp Torque (Nm) | 1.5 | 1.5 | 1.5 | | Tail Clamp Torque (Nm) | 1.5 | 1.5 | 1.5 | 1.5 |
| CPC & N Bars Capacity (mm²) | 16 | 16 | 16 | | CPC & N Bars Capacity (mm²) | 16 | 16 | 16 | 16 |
| CPC & N Bars Torque (Nm) | 2 | 2 | 2 | | CPC & N Bars Torque (Nm) | 2 | 2 | 2 | 2 |
| Switch-Disconnector Fitted | 1 x 100A (CU2MS100) | 1 x 100A (CU2MS100) | 1 x 100A (CU2MS100) | | Switch-Disconnector Fitted | 1 x 100A (CU2MS100) | 1 x 100A (CU2MS100) | 1 x 100A (CU2MS100) | - |
| RCD Fitted | - | 2 x 80A 30mA RCD (CU2RCD80A) | 2 x 80A 30mA RCD (CU2RCD80A) | | RCD Fitted | 2 x 80A 30mA RCD (CU2RCD80A) | - | 2 x 80A 30mA RCD (CU2RCD80A) | - |
| SPD Fitted | - | - | 1 x 40kA SPD (CU2SPD275) | | SPD Fitted | - | 1 x 40kA SPD (CU1SPD275) | 1 x 40kA SPD (CU2SPD275) | - |
| Free Ways | 12 | 8 (4+4) | 6 (3+3) | | Free Ways | 8 | 11 | 6 | 14 |
| Nett Weight (kg) | 3.844 | 4.634 | 5.4 | | Nett Weight (kg) | 5.25 | 4.56 | 5.46 | 3.5 |

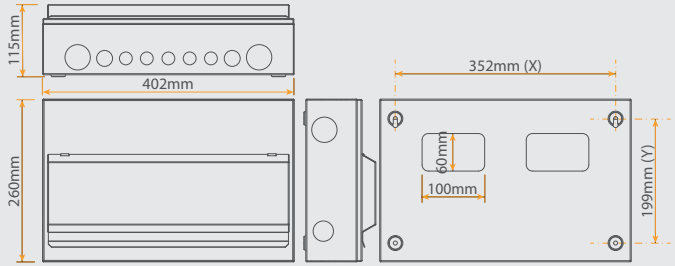
Technical Information




## 16 Way Units

| Board Product Code | CUEB16MS14 | CUEB16MSSP13 | CUEB16MSRCD10 | CUEB16MSRCDSP8 | | Board Product Code | CUEHIB16MSRCD10 | CUEHIB16MSRCDSP8 | CUEB16 |
|---|---|---|---|---|---|---|---|---|---|
| Ingress Protection | IP20 | IP20 | IP20 | IP20 | | Ingress Protection | IP20 | IP20 | IP20 |
| IK Rating | IK05 | IK05 | IK05 | IK05 | | IK Rating | IK05 | IK05 | IK05 |
| Operational Temperature (°C) | -5 to +40 | -5 to +40 | -5 to +40 | -5 to +40 | | Operational Temperature (°C) | -5 to +40 | -5 to +40 | -5 to +40 |
| Tail Clamp Capacity (mm²) | 25 | 25 | 25 | 25 | | Tail Clamp Capacity (mm²) | 25 | 25 | 25 |
| Tail Clamp Torque (Nm) | 1.5 | 1.5 | 1.5 | 1.5 | | Tail Clamp Torque (Nm) | 1.5 | 1.5 | 1.5 |
| CPC & N Bars Capacity (mm²) | 16 | 16 | 16 | 16 | | CPC & N Bars Capacity (mm²) | 16 | 16 | 16 |
| CPC & N Bars Torque (Nm) | 2 | 2 | 2 | 2 | | CPC & N Bars Torque (Nm) | 2 | 2 | 2 |
| Switch-Disconnector Fitted | 1 x 100A (CU2MS100) | 1 x 100A (CU2MS100) | 1 x 100A (CU2MS100) | 1 x 100A (CU2MS100) | | Switch-Disconnector Fitted | 1 x 100A (CU2MS100) | 1 x 100A (CU2MS100) | - |
| RCD Fitted | - | - | 2 x 80A 30mA RCD (CU2RCD80A) | 2 x 80A 30mA RCD (CU2RCD80A) | | RCD Fitted | 2 x 80A 30mA RCD (CU2RCD80A) | 2 x 80A 30mA RCD (CU2RCD80A) | - |
| SPD Fitted | - | 1 x 40kA SPD (CU1SPD275) | - | 1 x 40kA SPD (CU2SPD275) | | SPD Fitted | - | 1 x 40kA SPD (CU2SPD275) | - |
| Free Ways | 14 | 13 | 10 (5+5) | 8 (4+4) | | Free Ways | 10 | 8 | 16 |
| Nett Weight (kg) | 4.5 | 4.76 | 5.93 | 5.55 | | Nett Weight (kg) | 5.35 | 5.61 | 3.7 |

Technical Information

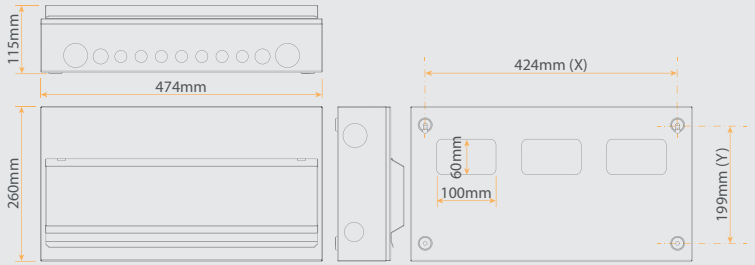



## 18 Way Units

| Board Product Code | CUEB18MS16 | CUEB18MSRCD12 | CUEB18MSRCDSP10 |
|---|---|---|---|
| Ingress Protection | IP20 | IP20 | IP20 |
| IK Rating | IK05 | IK05 | IK05 |
| Operational Temperature (°C) | -5 to +40 | -5 to +40 | -5 to +40 |
| Tail Clamp Capacity (mm²) | 25 | 25 | 25 |
| Tail Clamp Torque (Nm) | 1.2Nm Max | 1.2Nm Max | 1.2Nm Max |
| CPC & N Bars Capacity (mm²) | 16 | 16 | 16 |
| CPC & N Bars Torque (Nm) | 2 | 2 | 2 |
| Switch-Disconnector Fitted | 1 x 100A (CU2MS100) | 1 x 100A (CU2MS100) | 1 x 100A (CU2MS100) |
| RCD Fitted | - | 2 x 80A 30mA RCD (CU2RCD80A) | 2 x 80A 30mA RCD (CU2RCD80A) |
| SPD Fitted | - | - | 1 x 40kA SPD (CU2SPD275) |
| Free Ways | 16 | 12 (6+6) | 10 (5+5) |
| Nett Weight (kg) | 4.7 | 5.5 | 5.55 |

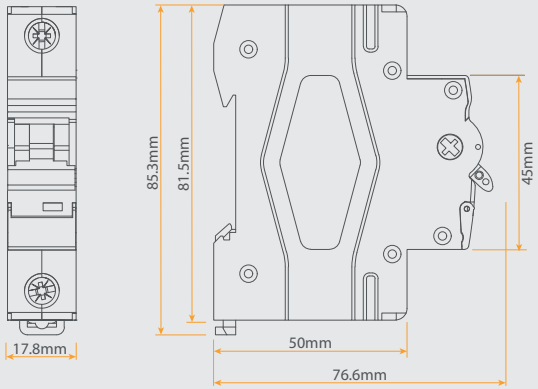
| Board Product Code | CUEHIB18MSRCD12 | CUEB18MSSP15 | CUEHIB18MSRCDSP10 | CUEB18 |
|---|---|---|---|---|
| Ingress Protection | IP20 | IP20 | IP20 | IP20 |
| IK Rating | IK05 | IK05 | IK05 | IK05 |
| Operational Temperature (°C) | -5 to +40 | -5 to +40 | -5 to +40 | -5 to +40 |
| Tail Clamp Capacity (mm²) | 25 | 25 | 25 | 25 |
| Tail Clamp Torque (Nm) | 1.2Nm Max | 1.5 | 1.5 | 1.5 |
| CPC & N Bars Capacity (mm²) | 16 | 16 | 16 | 16 |
| CPC & N Bars Torque (Nm) | 2 | 2 | 2 | 2 |
| Switch-Disconnector Fitted | 1 x 100A (CU2MS100) | 1 x 100A (CU2MS100) | 1 x 100A (CU2MS100) | - |
| RCD Fitted | 2 x 80A 30mA RCD (CU2RCD80A) | - | 2 x 80A 30mA RCD (CU2RCD80A) | - |
| SPD Fitted | - | 1 x 40kA SPD (CU1SPD275) | 1 x 40kA SPD (CU2SPD275) | - |
| Free Ways | 12 | 15 | 10 | 18 |
| Nett Weight (kg) | 5.95 | 4.96 | 5.76 | 3.9 |

Technical Information




## 22 Way Units

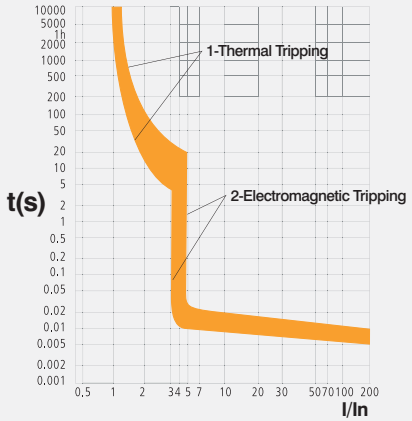
| Board Product Code | CUEB22MS20 | CUEB22MSRCD16 | CUEB22MSRCDSP14 | | Board Product Code | CUEHIB22MSRCD16 | CUEB22MSSP19 | CUEHIB22MSRCDSP14 | CUEB22 |
|---|---|---|---|---|---|---|---|---|---|
| Ingress Protection | IP20 | IP20 | IP20 | | Ingress Protection | IP20 | IP20 | IP20 | IP20 |
| IK Rating | IK05 | IK05 | IK05 | | IK Rating | IK05 | IK05 | IK05 | IK05 |
| Operational Temperature (°C) | -5 to +40 | -5 to +40 | -5 to +40 | | Operational Temperature (°C) | -5 to +40 | -5 to +40 | -5 to +40 | -5 to +40 |
| Tail Clamp Capacity (mm²) | 25 | 25 | 25 | | Tail Clamp Capacity (mm²) | 25 | 25 | 25 | 25 |
| Tail Clamp Torque (Nm) | 1.5 | 1.5 | 1.5 | | Tail Clamp Torque (Nm) | 1.5 | 1.5 | 1.5 | 1.5 |
| CPC & N Bars Capacity (mm²) | 16 | 16 | 16 | | CPC & N Bars Capacity (mm²) | 16 | 16 | 16 | 16 |
| CPC & N Bars Torque (Nm) | 2 | 2 | 2 | | CPC & N Bars Torque (Nm) | 2 | 2 | 2 | 2 |
| Switch-Disconnector Fitted | 1 x 100A (CU2MS100) | 1 x 100A (CU2MS100) | 1 x 100A (CU2MS100) | | Switch-Disconnector Fitted | 1 x 100A (CU2MS100) | 1 x 100A (CU2MS100) | 1 x 100A (CU2MS100) | - |
| RCD Fitted | - | 2 x 80A 30mA RCD (CU2RCD80A) | 2 x 80A 30mA RCD (CU2RCD80A) | | RCD Fitted | 2 x 80A 30mA RCD (CU2RCD80A) | - | 2 x 80A 30mA RCD (CU2RCD80A) | - |
| SPD Fitted | - | - | 1 x 40kA SPD (CU2SPD275) | | SPD Fitted | - | 1 x 40kA SPD (CU1SPD275) | 1 x 40kA SPD (CU2SPD275) | - |
| Free Ways | 20 | 16 8+8) | 14 (7+7) | | Free Ways | 16 | 19 | 14 | 22 |
| Nett Weight (kg) | 5.8 | 6.2 | 6.98 | | Nett Weight (kg) | 6.6 | 6.26 | 6.46 | 4.6 |



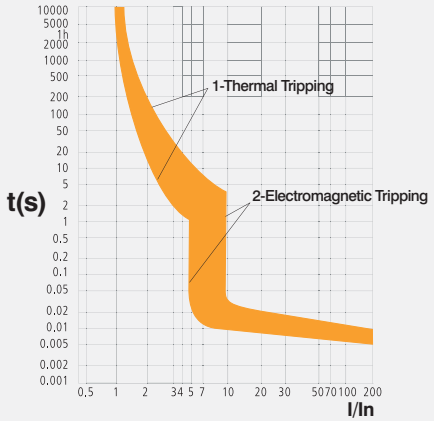
## MCB's

| | B Curve | C Curve |
|---|---|---|
| Rated Operational Voltage (Ue) | 230 / 400<br>50 / 60 | 230 / 400<br>50 / 60 |
| Maximum Rated Current (In) | 6A to 63A | 6A to 63A |
| Thermal Operating Limit | (1.13-1.45) x In | (1.13-1.45) x In |
| Rated Breaking Capacity (Ics) | 6 | 6 |
| Number Of Poles | 1 | 1 |
| Insulation Voltage (UI) | 500 | 500 |
| Impulse Withstand Voltage (Uimp) | 4000 | 4000 |
| Endurance Operations | Mechanical: 20000<br>Electrical: 8000 | Mechanical: 20000<br>Electrical: 8000 |
| Trip Type | Thermal / Magnetic Release | Thermal / Magnetic Release |
| Magnetic Operating Characteristics | (3-5) x In | (5-10) x In |
| Device Terminal Type | Screwed Lug & Pin | Screwed Lug & Pin |
| Terminal Capacity (mm²) | 6-25A - 16 Flexible or 25 Rigid<br>32-63A - 25 Flexible or 35 Rigid | 6-25A - 16 Flexible or 25 Rigid<br>32-63A - 25 Flexible or 35 Rigid |
| Maximum Torque (Nm) | 2 | 2 |
| Operational Temperature (°C) | -5 to +40 | -5 to +40 |

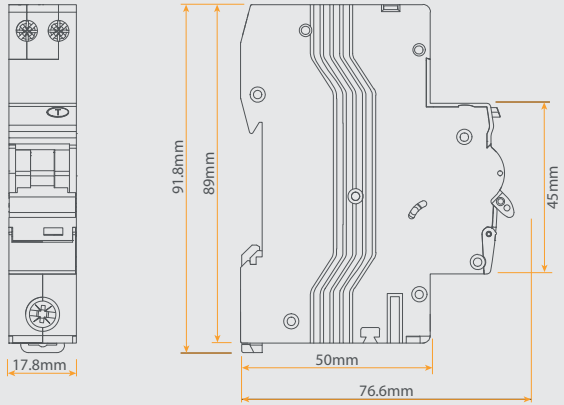
## Breaking Curves



B Curve



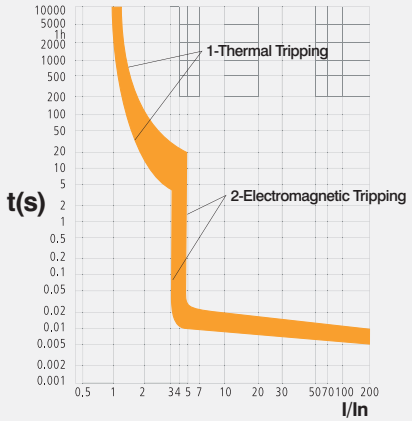
C Curve



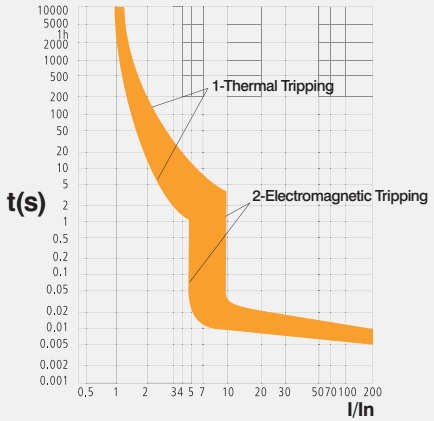
## RCBO's

| | B Curve & C Curve |
|---|---|
| Rated Operational Voltage (Ue) | 240 50 / 60 |
| Maximum Rated Current (In) | 6A to 40A |
| Number Of Poles | 1P + Unswitched Neutral |
| Neutral Tail Length | 450 |
| Circuit Protection | Earth fault, overcurrent & short-circuit |
| Device Terminal Type | Screwed Lug & Pin |
| Input Terminal Capacity (mm²) | 25 Flexible / 32 Rigid |
| Output Terminal Capacity (mm²) | 16 Flexible / 25 Rigid |
| Maximum Torque (Nm) | Input: 2 Ouput: 1.2 |
| RCD Type | A |
| Residual Current Making & Breaking Capacity (Im) | 500 |
| Tripping Current (mA) | 30 |
| Residual Non-operating Current (IΔn) | 0.5 |
| Impulse Withstand Voltage (Uimp) | 4000 |
| Trip Type | Ground Fault: Electronic / Electromagnetic<br>Over Current: Thermal / Magnetic |
| Endurance Operations | Mechnical: 20000 Electrical: 5000 |
| Operational Temperature (°C) | -25 to +40 |

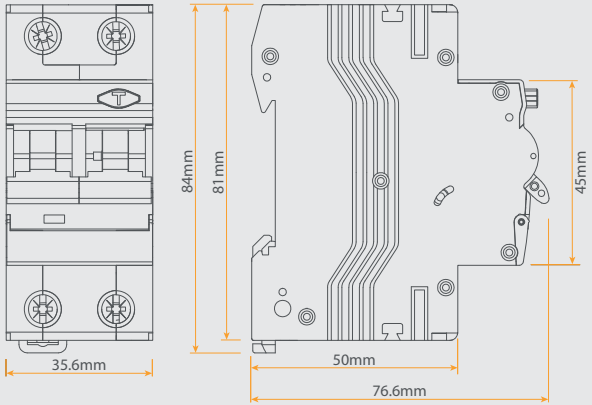
## Breaking Curves




B Curve



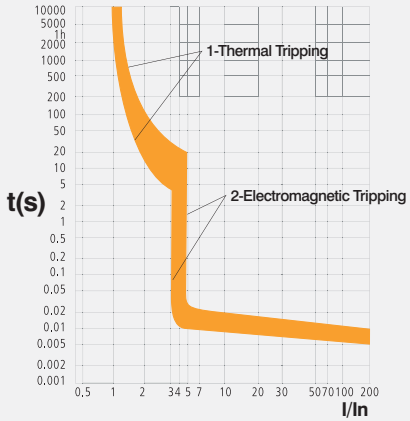

C Curve



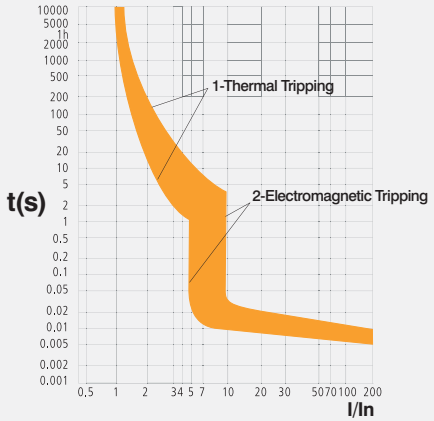
## 2P RCBO's

| | B Curve & C Curve |
|---|---|
| Rated Operational Voltage (Ue) | 230 50 / 60 |
| Maximum Rated Current (In) | 45A to 63A |
| Number Of Poles | 2 |
| Circuit Protection | Earth fault, overcurrent & short-circuit |
| Device Terminal Type | Screwed Lug & Pin |
| Input Terminal Capacity (mm²) | 10 Flexible / 16 Rigid<br>63A: 16 Flexible / 25 Rigid |
| Output Terminal Capacity (mm²) | 10 Flexible / 16 Rigid<br>63A: 16 Flexible / 25 Rigid |
| Maximum Torque (Nm) | Input: 2 Ouput: 2 |
| RCD Type | A |
| Residual Current Making & Breaking Capacity (Im) | 500 |
| Tripping Current (mA) | 30 |
| Residual Non-operating Current (IΔn) | 0.5 |
| Impulse Withstand Voltage (Uimp) | 4000 |
| Trip Type | Ground Fault: Electronic<br>Over Current: Thermal / Magnetic |
| Endurance Operations | Mechnical: 10000 Electrical: 4000 |
| Operational Temperature (°C) | -25 to +40 |

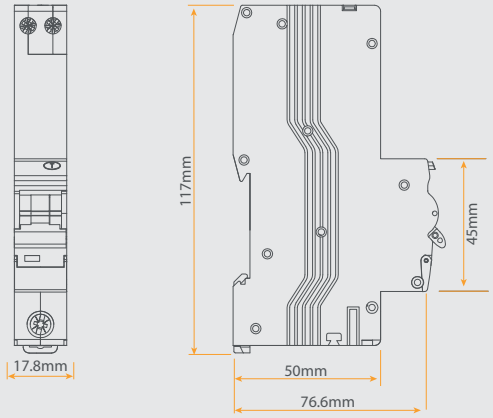
## Breaking Curves



B Curve



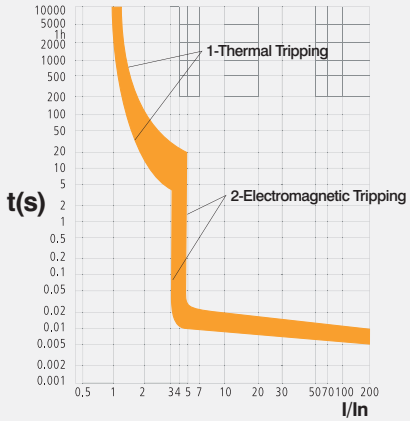
C Curve



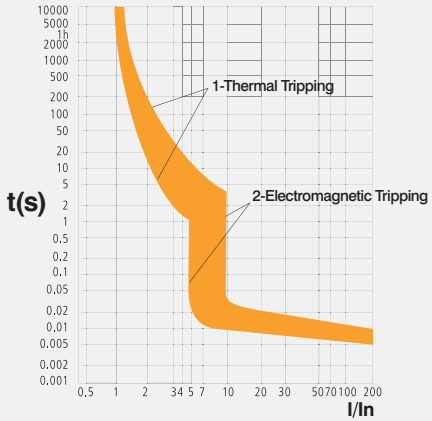
## AFDD's

| | B Curve & C Curve |
|---|---|
| Rated Operational Voltage (Ue) | 240 50 / 60Hz |
| Maximum Rated Current (In) | 6A to 40A |
| Number Of Poles | 1P + Switched Neutral |
| Neutral Tail Length | 450 |
| Circuit Protection | AFDD: Series Arc Fault, Parallel Arc Fault, Over Voltage Fault, Self-Test Fault, No fault<br>RCBO: Earth fault, overcurrent & short-circuit |
| Device Terminal Type | Screwed Lug & Pin |
| Input Terminal Capacity (mm²) | 25 Flexible / 32 Rigid |
| Output Terminal Capacity (mm²) | 16 Flexible / 25 Rigid |
| Maximum Torque (Nm) | Input: 2.0 Ouput: 1.2 |
| RCD Type | A |
| Residual Current Making & Breaking Capacity (Im) | 500 |
| Tripping Current (mA) | 30 |
| Residual Non-operating Current (IΔn) | 0.03 |
| Impulse Withstand Voltage (Uimp) | 4000 |
| Trip Type | Ground Fault: Electronic<br>Over Current: Thermal / Magnetic |
| Endurance Operations | Mechnical: 6000 Electrical: 4000 |
| Operational Temperature (°C) | -25 to +40 |

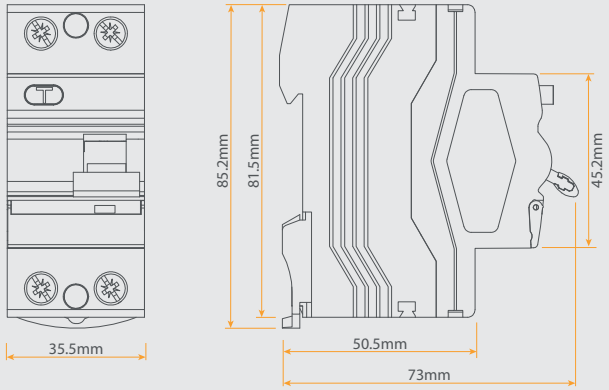
## Breaking Curves




B Curve




C Curve

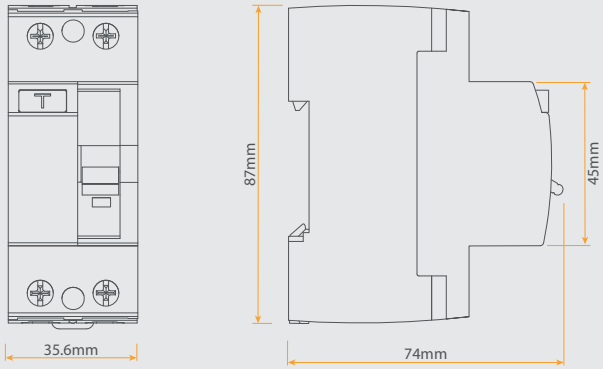



## 63A & 80A RCD's

| | 63A 30mA | 80A 30mA |
|---|---|---|
| Rated Operational Voltage (Ue) | 230 | 230 |
| Maximum Rated Current (In) | 63A | 80A |
| RCD Type | A | A |
| Number Of Poles | 2 (1+N) | 2 (1+N) |
| Residual Current Making & Breaking Capacity (Im) | 630 | 800 |
| Tripping Current (mA) | 30 | 30 |
| Residual Non-operating Current (IΔn) | 0.5 | 0.5 |
| Impulse Withstand Voltage (Uimp) | 4000 | 4000 |
| Endurance Operations | 2000 'ON' & 1000 'OFF' Cycles | 2000 'ON' & 1000 'OFF' Cycles |
| Trip Type | Electro-Magnetic Release | Electro-Magnetic Release |
| Device Terminal Type | Screwed Lug & Pin | Screwed Lug & Pin |
| Terminal Capacity ($mm^2$) | 16 | 25 |
| Maximum Torque (Nm) | 2.5 | 2.5 |
| Operational Temperature (°C) | -25 to +40 | -25 to +40 |

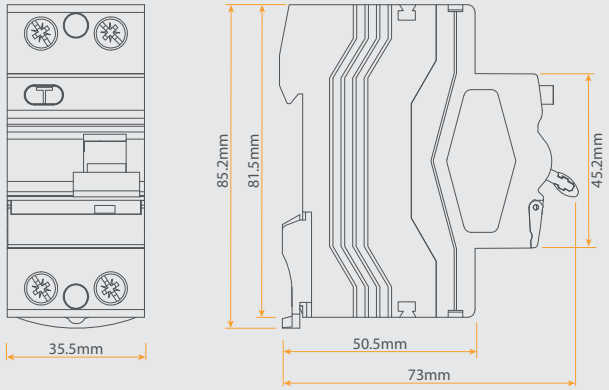







## 100A RCD's

| | 100A 30mA |
|---|---|
| Rated Operational Voltage (Ue) | 230 |
| Maximum Rated Current (In) | 100A |
| RCD Type | A |
| Number Of Poles | 2 (1+N) |
| Residual Current Making & Breaking Capacity (Im) | 1000 |
| Tripping Current (mA) | 30 |
| Residual Non-operating Current (IΔn) | 0.5 |
| Impulse Withstand Voltage (Uimp) | 4000 |
| Endurance Operations | 2000 'ON' & 1000 'OFF' Cycles |
| Trip Type | Electro-Magnetic Release |
| Device Terminal Type | Screwed Lug & Pin |
| Terminal Capacity ($mm^2$) | 35 |
| Maximum Torque (Nm) | 2.5 |
| Operational Temperature (°C) | -25 to +40 |

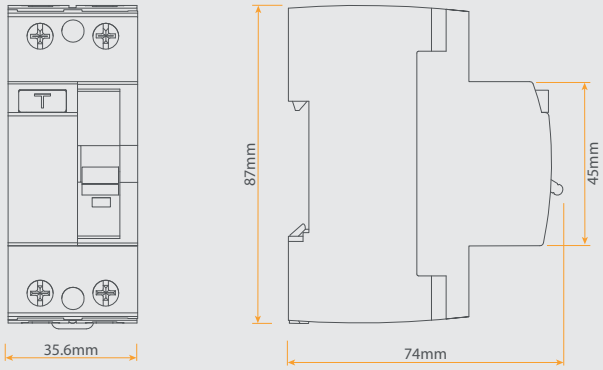



## 63A & 80A Time Delay RCD's

| | 63A 30mA | 80A 30mA |
|---|---|---|
| Rated Operational Voltage (Ue) | 230 | 230 |
| Maximum Rated Current (In) | 63A | 80A |
| RCD Type | S | S |
| Number Of Poles | 2 (1+N) | 2 (1+N) |
| Residual Current Making & Breaking Capacity (Im) | 630 | 800 |
| Tripping Current (mA) | 100 | 100 |
| Residual Non-operating Current (IΔn) | 0.5 | 0.5 |
| Impulse Withstand Voltage (Uimp) | 4000 | 4000 |
| Endurance Operations | 2000 'ON' & 1000 'OFF' Cycles | 2000 'ON' & 1000 'OFF' Cycles |
| Trip Type | Electro-Magnetic Release | Electro-Magnetic Release |
| Device Terminal Type | Screwed Lug & Pin | Screwed Lug & Pin |
| Terminal Capacity (mm²) | 16 | 25 |
| Maximum Torque (Nm) | 2.5 | 2.5 |
| Operational Temperature (°C) | -25 to +40 | -25 to +40 |

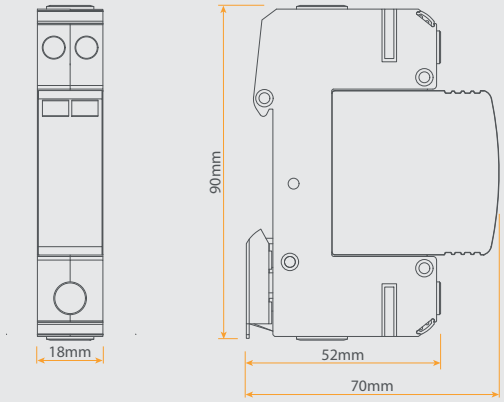







## 100A Time Delay RCD's

| | 100A 30mA |
|---|---|
| Rated Operational Voltage (Ue) | 230 |
| Maximum Rated Current (In) | 100A |
| RCD Type | S |
| Number Of Poles | 2 (1+N) |
| Residual Current Making & Breaking Capacity (Im) | 1000 |
| Tripping Current (mA) | 100 |
| Residual Non-operating Current (IΔn) | 0.5 |
| Impulse Withstand Voltage (Uimp) | 4000 |
| Endurance Operations | 2000 'ON' & 1000 'OFF' Cycles |
| Trip Type | Electro-Magnetic Release |
| Device Terminal Type | Screwed Lug & Pin |
| Terminal Capacity (mm²) | 35 |
| Maximum Torque (Nm) | 2.5 |
| Operational Temperature (°C) | -25 to +40 |



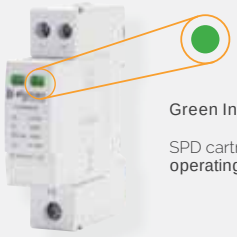

## SPD's

| | |
|---|---|
| **Maximum Continuous Operating Voltage (Uc)** | 275 |
| **SPD Type** | Type 2 |
| **Number Of Poles** | 2 |
| **Visual Status (Green)** | Normal Function |
| **Visual Status (Red)** | Cartridge Replaceable (Product Ref.CU1SPDC275) |
| **Device Terminal Type** | Screwed Lug & Pin |
| **Terminal Capacity (mm²)** | L&N: 4-16; PE: 4-25 |
| **Maximum Torque (Nm)** | L&N: 1.2, PE: 2 |
| **Tails Included** | Yes |
| **Internal Overcurrent Protection** | 300 |
| **Maximum Voltage Protection Level (Up)** | <1.5 |
| **Nominal Discharge Current (In)** | 20 (L-N & N-PE) |
| **Maximum Discharge Current (Imax)** | 40 (L-N & N-PE) |
| **Response Time (tA)** | <25 |
| **Compatible Earthing Systems** | TT / TN |
| **Operational Temperature (°C)** | -40 to +70 |

## Protection Devices

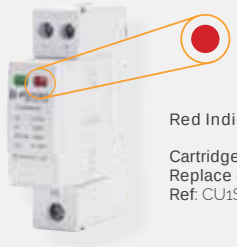
### Visual Status Indicator

Individual cartridge indication; Green: OK; Red: Replace cartridge (Product Ref: CU1SPDC275)



**Green Indicator Light**

SPD cartridge is operating correctly.



**Red Indicator Light**

Cartridge is at end of life. Replace cartridge (Product Ref: CU1SPDC275)

### Surge Protection

The Type 2, 2 Pole 40kA Surge Protection Device 275Uc (V~) protect all aspects of the installation from an electrical surge, anything from lighting to lightning.

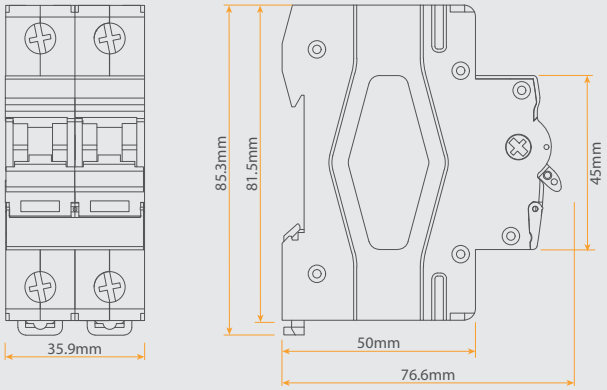
As well as preventing premature aging, destruction of equipment and unnecessary downtime SPDs are recommended to protect sensitive electronic equipment connected to the installation such as computers, televisions, washing machines & LED Lighting.

### Technical Data

- Complies with BS EN 61643-1-11
- Internal overcurrent protection 300A
- Compatible earthing systems TT & TN

### Installation and Connection

- The main protection SPDs are installed directly after the main incoming switch or RCCB.
- Connected in parallel to the equipment to be protected.
- Protection is assured in both common and differential modes.
- Additional overcurrent protection is not required.
- The cartridges are to be removed for insulation resistance testing.

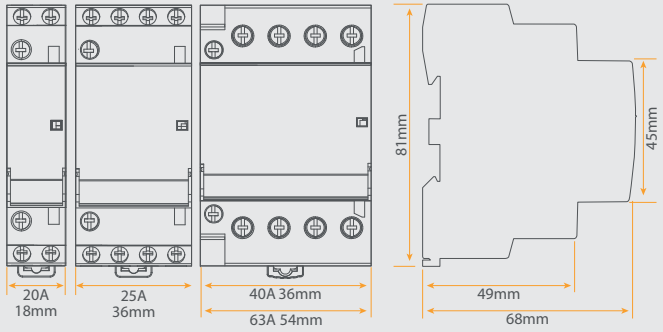



## Mains Switch-Disconnector

| | |
|---|---|
| **Rated Operational Voltage (Ue)** | 230 / 415 |
| **Maximum Rated Current (In)** | 100A |
| **Number Of Poles** | 2 |
| **Endurance Operations** | Mechanical: 10000<br>Electrical: 1500 |
| **Device Terminal Type** | Screwed Lug & Pin |
| **Terminal Capacity (mm²)** | 35 |
| **Maximum Torque (Nm)** | 2.5 |
| **Utilisation Category** | AC-22A |
| **Short Circuit Withstand Current (Icw)** | 12 Ie, t=1s |
| **Short Circuit Making Capacity (Icm)** | 20 Ie |
| **Making & Breaking Capacity** | 3Ie,1.05Ue, COSϕ =0.65 |
| **Insulation Voltage (UI)** | 690 |
| **Impulse Withstand Voltage (Uimp)** | 6000 |
| **Operational Temperature (°C)** | -25 to +40 |

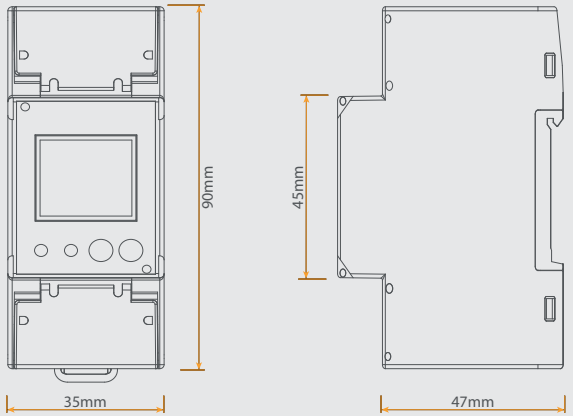






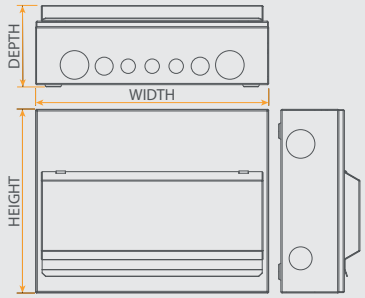

## Modular Contactors

| | | | | |
|---|---|---|---|---|
| **Load Rating (A)** | 20 | 25 | 40 | 63 |
| **Rated Operational Voltage (Ue)** | 250 | 400 | 400 | 400 |
| **Endurance Mechanical Operations** | >5000000 | | | |
| **Endurance Electrical Operations** | >100000 | | | |
| **Device Terminal Type** | Screwed Lug & Pin | | | |
| **Insulation Voltage (UI)** | 500 | | | |
| **Operational Temperature (°C)** | -5 to +60 | | | |




# Energy Meter

| | |
|---|---|
| **Maximum Continuous Operating Voltage (V) (Uc)** | 176 to 276 |
| **Maximum Rated Current (A) (Imax)** | 100A Direct Connection |
| **Input Terminal Capacity - Rigid (mm²)** | 35 |
| **Input Terminal Torque (Nm)** | 0.9 (Terminals 1 to 3) |
| **Output Terminal Capacity - Rigid (mm²)** | 2.5 |
| **Output Terminal Torque (Nm)** | 0.4 (Terminals 4 to 9) |
| **Impulse Withstand Voltage (Uimp)** | 6000 |
| **Number of Pulse Outputs** | 2 |
| **Pulse Output Voltage Range (VDC)** | 5 to 27 |
| **Pulse Duration** | Selectable 60, 100, 200mS |
| **Modbus - Address** | 1 to 255 |
| **Modbus - Number of Connected Meters** | 32 (up to 255 with RS485 repeater) |
| **Modbus - Distance from Master Device (M Max)** | 1200 |
| **Display Type** | LCD, High Definition with White Backlight |
| **Programming Access** | Password protected (user selectable) |
| **Memory Reserve** | Non volatile memory (EEPROM) |




## Dimensions & Knockouts

| Dimensions (mm) | | | | | |
|---|---|---|---|---|---|
| **Unit Ways** | **Width** | **Height** | **Depth (Body)** | **Depth (Overall)** | **XY Fixing Centres** |
| **3** | 110 | 260 | 92 | 116 | 60 x 179 |
| **5** | 168 | 260 | 92 | 116 | 118 x 199 |
| **8** | 222 | 260 | 92 | 116 | 172 x 199 |
| **10** | 258 | 260 | 92 | 116 | 208 x 199 |
| **12** | 294 | 260 | 92 | 116 | 244 x 199 |
| **14** | 330 | 260 | 92 | 116 | 280 x 199 |
| **16** | 366 | 260 | 92 | 116 | 316 x 199 |
| **18** | 402 | 260 | 92 | 116 | 352 x 199 |
| **22** | 474 | 260 | 92 | 116 | 424 x 199 |

| Knockouts (mm) | | | | |
|---|---|---|---|---|
| **Unit Ways** | **Sides (Ø)** | **Top (Ø)** | **Bottom (Ø)** | **Rear** |
| **3** | 2x32 | 1x32 | 1x32 | 60x60 |
| **5** | 1x25, 1x32 | 2x20, 1x40 | 2x20, 1x40 | 60x60 |
| **8** | 1x25, 1x40 | 2x20, 1x40 | 2x20, 1x40 | 100x60 |
| **10** | 1x25, 1x40 | 4x20, 1x32, 1x40 | 4x20, 1x32, 1x40 | 100x60 |
| **12** | 2x40 | 4x2, 2x40 | 3x20, 2x25, 2x32 | 2x100x60 |
| **14** | 1x32, 1x40 | 2x20, 1x40 | 2x20, 1x40 | 2x100x60 |
| **16** | 2x40 | 4x20, 2x25, 2x40 | 5x20, 2x25, 2x32 | 2x100x60 |
| **18** | 1x32, 1x40 | 2x20, 1x40 | 2x20, 1x40 | 2x100x60 |
| **22** | 1x32, 1x40 | 2x20, 1x40 | 2x20, 1x40 | 3x100x60 |

After fitting all outgoing devices and connecting all outgoing cables, ensure that all connections are tightened to the torque settings stated in the table below, including factory made connections which may have become loose during transit.

## Torque Settings

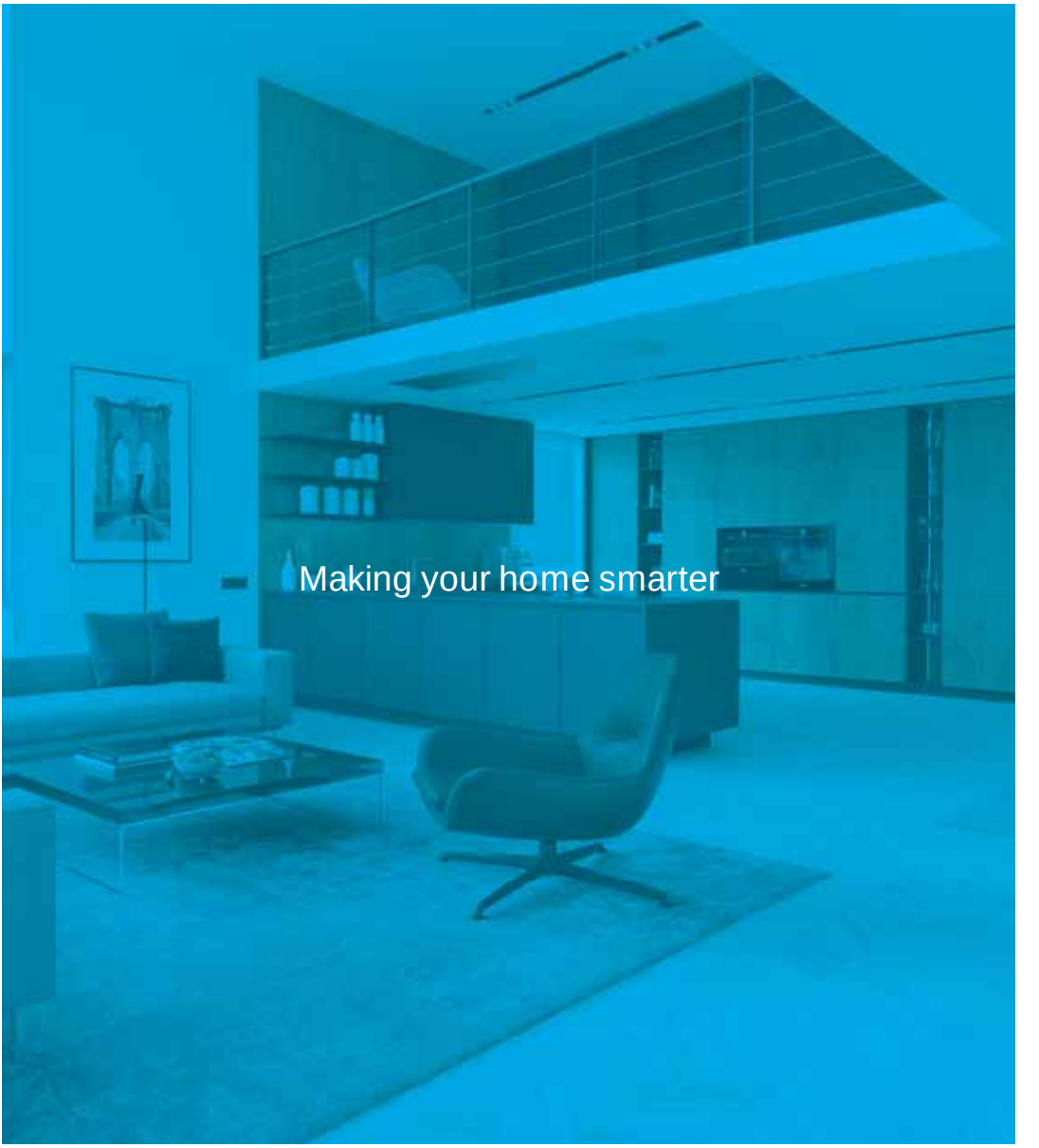
| Device Type | Number Of Ways | Maximum Conductor Size | Maximum Torque (Nm) | |
|---|---|---|---|---|
| | | | Input | Output |
| **Main Switch** | 2 | 35mm² | 2.5Nm | 2.5Nm |
| **RCD** | 2 | 16mm² (63A), 25mm² (80A), 35mm² (100A) | 2.5Nm | 2.5Nm |
| **SPD** | 1 | L&N: 4-16mm², PE: 4-25mm² | L&N: 1.2Nm; PE: 2Nm | |
| **MCB** | 1 | 16mm² Flexible or 25mm² Rigid (Up to 25A) | 2Nm | 2Nm |
| | | 25mm² Flexible or 35mm² Rigid (32A - 63A) | | |
| **1P + N RCBO's** | 1 | 25mm² Flexible / 32mm² Rigid (Input) | 2Nm | 1.2Nm |
| | | 16mm² Flexible / 25mm² Rigid (Output) | | |
| **2P RCBO** | 2 | 45A & 50A: 10mm2 Flexible / 16mm2 Rigid (Input & Output) | 2Nm | 2Nm |
| | | 63A: 16mm2 Flexible / 25mm2 Rigid (Input & Output) | | |
| **AFDDs** | 1 | 25mm² Flexible / 32mm² Rigid (Input) | 2Nm | 1.2Nm |
| | | 16mm² Flexible / 25mm² Rigid (Output) | | |
| **Energy Meter** | 2 | 35mm² Rigid (Input) | 0.9Nm | 0.4Nm |
| | | 25mm² Rigid (Output) | | |
| **Earth & Neutral Bars** | | 16mm² | 2.0Nm | |
| **Mains Tail Clamp** | | 25mm² | 1.2Nm | |

80A and 100A variants are supplied with a 80A Bussmann fuse as standard.

However the following fuses will fit:

# Fused Main Switch

| Fuse Manufacturer | | | | |
|---|---|---|---|---|
| **Rating** | **Bussmann** | **Lawson** | **MEM** | **GE** |
| **40A** | 40KR85 | ME40 | 404R | RHF40 |
| **45A** | 45KR85 | ME45 | 454R | - |
| **50A** | 50KR85 | ME50 | 504R | RHF50 |
| **60A** | 60KR85 | ME60 | 604R | RHF60 |
| **70A** | 70KR85 | ME70 | - | - |
| **80A** | 80KR85 | ME80 | 804R | RHF80 |
| **100A** | 100KR85 | ME100 | - | - |




ClickSmart+

# ClickSmart+

## Making your home smarter

Can you imagine how your home could integrate itself into your daily life? Click Smart+, Scolmore's leading smart home brand, has been created to simplify and streamline your home life via the use of integrated technology.

Click Smart+ boasts an elite range of smart home products. Utilising Zigbee technology & WIFI to offer smart home solutions to new and existing wiring installations.

The possibilities of Click Smart+ are endless, but the set up, whether with WIFI or with Zigbee, is simple when using our Click Smart+ app.

Click Smart+ app
for ios & android

ANTIBACTERIAL & ANTIVIRAL
Certified Products

## Antiviral & Antibacterial Certified

Our Mode® products within the Click Smart+ range are manufactured using Urea Formaldehyde, which has similar inherent properties to antimicrobial additives that inhibit the growth of infectious diseases.

These products have been independently tested and have shown to have anti-viral properties against enveloped and non-enveloped viruses.

After a contact period of 4 hours, Mode® products within Click Smart+ were shown to have a 99.9% kill off rate against enveloped viruses and a 92% kill off rate against non-enveloped viruses.

All products independently tested achieved a 99.99% kill off rate across all four types of the strains of bacteria - MRSA, E-Coli, Salmonella, Klebsiella Pneumonia and enveloped viruses.

## Contents


| | |
|---|---|
| Introduction | **B4** |
| Set up guide | **B8** |
| Smart Hub | **B11** |
| Smart Controller | **B13** |
| Smart GridPro Modules | **B16** |
| Smart Camera | **B17** |
| Smart Sensors | **B18** |
| Smart Switching Receivers | **B21** |
| Smart Dimming Receivers | **B22** |
| Switching Sockets | **B23** |
| Switching Sockets Kits | **B29** |
| Switching FCU | **B31** |
| Plug-in Socket | **B34** |


3 YR WARRANTY

## 3 Year Warranty

All Click Smart+ products are covered by our 3 year warranty against any fault in materials or manufacture experienced at any time within 3 years of the date of supply.

## Get to know us

With Click Smart+ we create simple, beautiful smart solutions for a safer and more comfortable home. We have many products to meet all of your household needs.

Discover a whole range of smart home products. From smart sockets, cameras, sensors and receivers, all working together to make your home smarter.

The installation of Click Smart+ is simple & flexible, no additional cables or wall cutting is needed making it ideal for installation within existing or newly constructed buildings.

Each smart product comes with easy to follow installation guides which are also accessible through the new Click Smart+ app.

Make your home smarter, more comfortable and safer with any of our smart products. Why not get creative and take control of your home?

### Look out for the Click Smart+ icon...

**Products with this icon are compatible across the whole Click Smart+ range.**

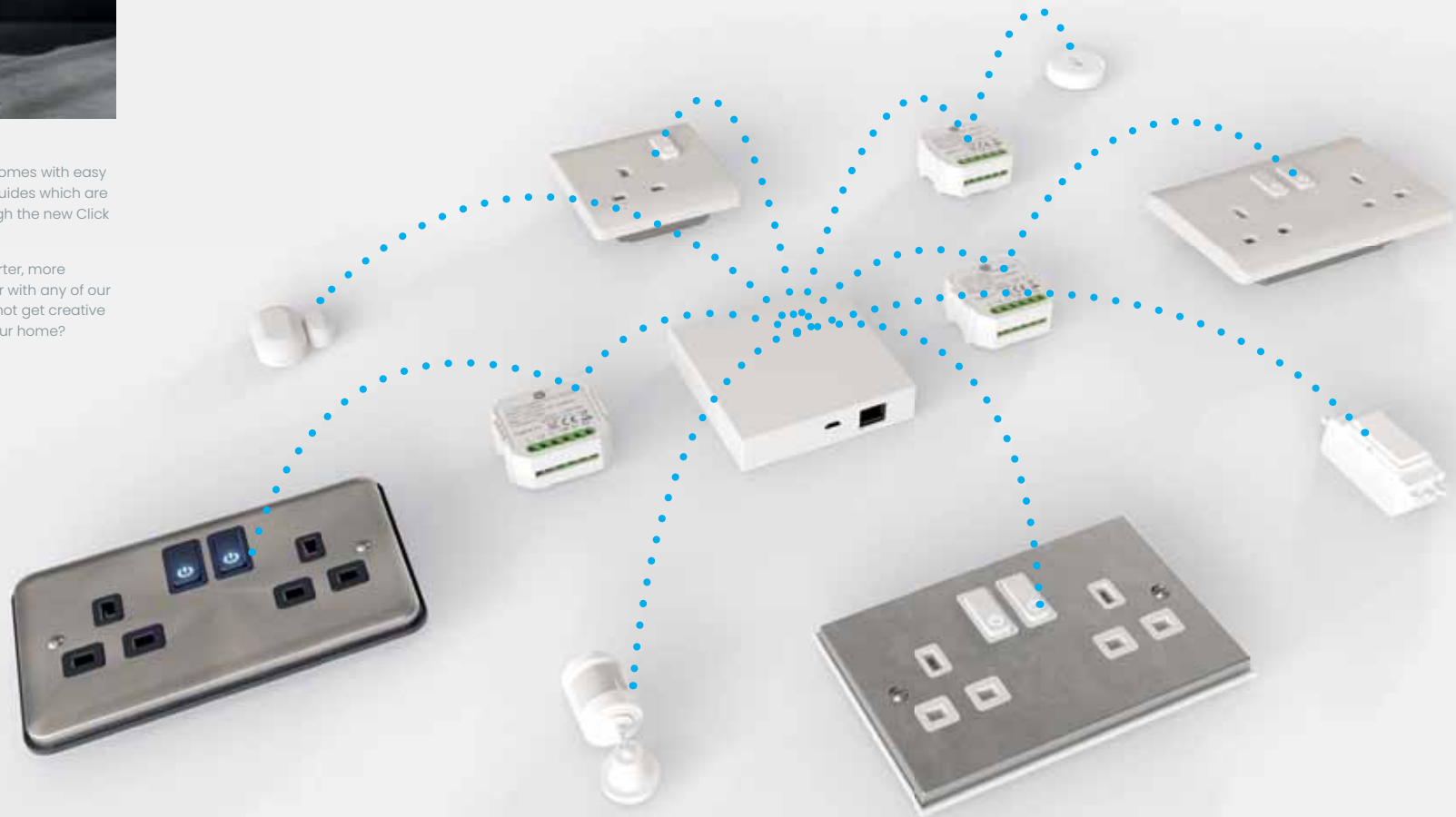
## Get smart with Zigbee

**Zigbee devices can send and receive data between other Zigbee devices and the Hub. This means you can daisy chain smart devices and link them to a central hub, even when some of these devices are out of (direct) range of that hub.***

Zigbee increases flexibility for users and developers, delivering the confidence that products and services will work together through standardisation and testing.

A mesh network/daisy chain is when a network connection is spread out among wireless devices that can communicate with each other and share a network across a large area.

Zigbee's ability to support mesh networking means it can boost data transmission range and provide greater stability (even when a single connected device fails and doesn't work).



*Click Smart Plus works on a Tree-based Wireless Mesh Network.
Battery operated devices cannot boost the data transmission range.

## Get Creative

**Automate your home with the Click Smart+ app.**

### ‘Tap to Run’ Smart Scenes

Tap-to-run also known as ‘Scenes’ enables you to run multiple devices with a single tap of a button (within the Click Smart+ app). Think of this as one switch for a group of products.

For example you can create a Tap-to-run called ‘Good Evening’ which turns all your smart products on at once, instead of manually tapping each product within the app. Tap-to-runs can also control delay timings.

To control your Click Smart+ products through voice control you must have an Amazon Alexa speaker or a Google Home Speaker set up in your home and connected to the Click Smart+ app.

### ‘Automation’ Smart Scenes

Automations control your devices automatically when a condition is changed.

For example, you could programme a PIR detector with a switching receiver. When the PIR detector senses movement the automation (set up in the Click Smart+ app) can tell the switching receiver to turn ‘ON’ automatically.

Automations also allow you to set up timing Schedules for a group or singular smart products.

To control your Click Smart+ products through voice control you must have an Amazon Alexa speaker or a Google Home Speaker set up in your home and connected to the Click Smart+ app.

## Stay Connected

**Access your smart devices wherever you are and control them with Google or Alexa.**

### Control wherever you are

Peace of mind away from home. Easily check and change the status of your Click Smart+ devices wherever you are.

### Hey Google!

Connect Click Smart+ to your existing Google Home devices. Just search for Click Smart+ in the Google Home app.

### Alexa...

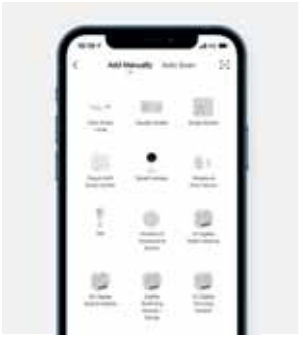
Have an Amazon smart speaker? Link your Click Smart+ devices in the Alexa app.

## Start smart

**Click Smart+ Hub - Set up Guide.**

### Click Smart+ App

Search and download the Click Smart+ app on ios or android devices. You will need the app to add, control and link all of your Click Smart+ devices.



### Adding the Hub

Once you are in the Click Smart+ app press the '+' icon and choose the Smart Hub, or use the auto scan feature to automatically detect your device.

### Complete Set Up

Once the app has found the Smart Hub simply follow the on screen instructions.

## See your home, away from home

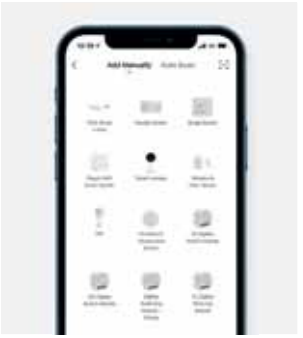
**Click Smart+ Camera - Set up Guide.**

### Power Up!

After finding your perfect location, simply plug in your camera to a standard UK socket outlet.

### Pairing Mode

You should now see a solid red LED light, after 10 seconds you should hear a chime & see a flashing LED light. You are now in pairing mode.



### Complete Set Up

Open the Click Smart+ app and press the '+' icon and choose the Smart Camera. Then simply follow the on screen instructions.

## Your home, your way

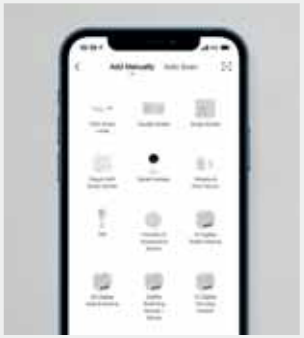
**Click Smart+ Zigbee Products - Set up Guide.**

### Click Smart+ Hub

Before setting up any Click Smart+ Zigbee supported products, please make sure you have set up your Smart Hub.

### Installing

Once you have finished your installation, your Click Smart+ Zigbee supported product will automatically enter pairing mode.

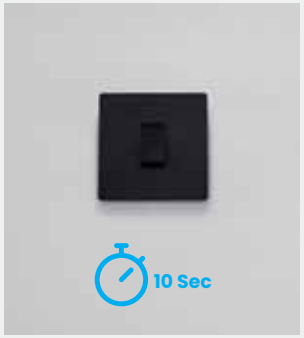


### Complete Set Up

Open the Click Smart+ app press the '+' icon and choose the correct product, or use the auto scan feature to automatically detect your device.

## A smarter switch

**Switching & Dimming Receivers - Set up Guide.**

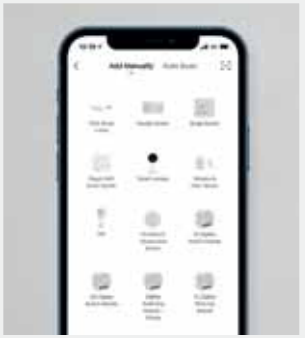



### Dimming Receiver

Install the receiver as per the provided instructions. With the light switch off, press the retractive switch down and hold for 10 seconds. The LED light on the receiver will flash. You are now in pairing mode.

### Switching Receiver

Once wired up, flick the switch on & off 5 times until the light no longer turns on or off. You will also be able to see a flashing LED on the receiver. You are now in pairing mode.



### Complete Set Up

Open the Click Smart+ app press the '+' icon and choose the correct receiver, or use the auto scan feature to automatically detect your device.

# Fort Smart Security Products

From smart alarm kits, smart cameras, smart sensors and smart door bells, all working together to make your home smarter and safer.

Compatible with the **Click**Smart+ app.

Visit espuk.com for more information.

CSP010

| | |
|---|---|
| **Rated Voltage (V) (Ue)** | 1.8 - 3.3 |
| **Working Humidity** | 10%-90%RH (Non-condensing) |
| **Protocol** | Zigbee |
| **Wireless Technology** | WIFI 801.11 b / g / n |
| **Signal Transmission Frequency** | 400MHz |
| **Operational Temperature (°C)** | -10 to +55 |
| **Ingress Protection** | IP20 |
| **Indicator Colour** | Green |

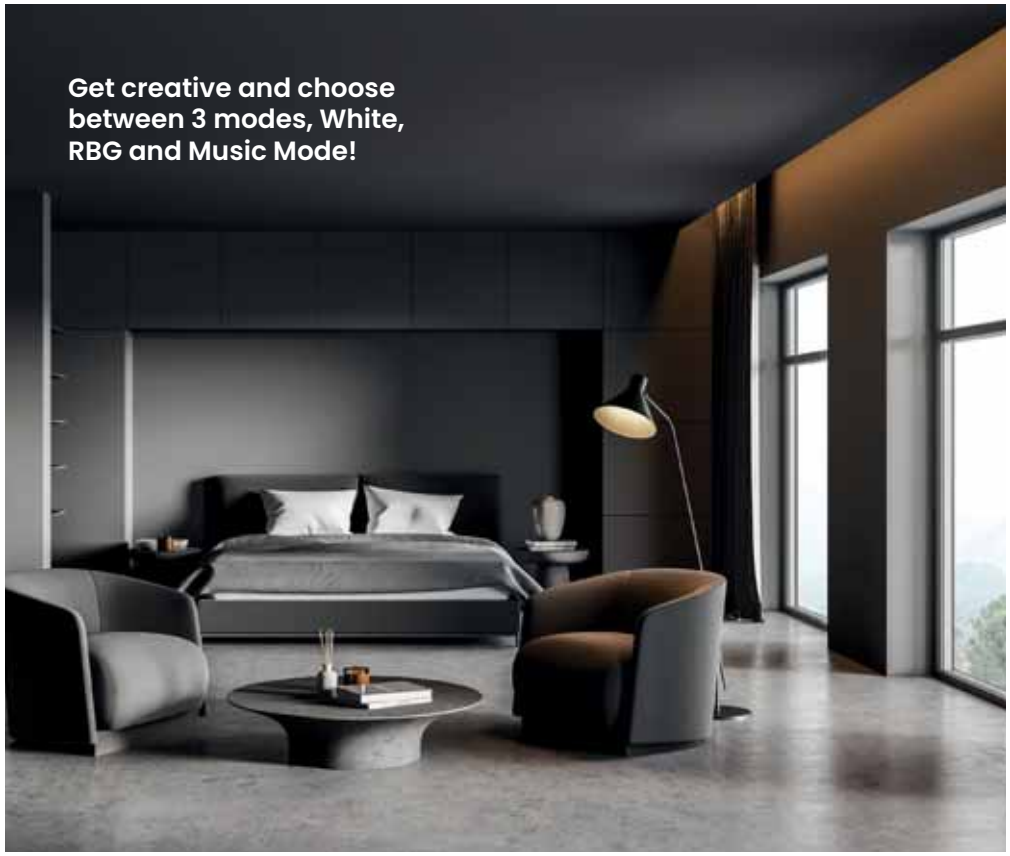
**Smart Hub**

CSP010 Smart Gateway Hub

Supplied with plug in adaptor, USB cable and ethernet cable

256 paired devices max.* (Depending on products connected)

**Finish:** White
**Warranty (Years):** 3
**Dimensions (mm):** 90 (L) x 90 (W) x 23 (D)
**Standards:** BS EN 60950-1 BS EN 55035 BS EN 61000-3-2 BS EN 61000-3-3 BS EN 62311



CSP071

| | |
|---|---|
| **Load Rating (A)** | 8 |
| **Rated Voltage (V~) (Ue)** | 12 to 24 |
| **Standby Current (mA)** | 50 |
| **Protocol** | Zigbee |
| **Wireless Range** | Up to 50 metre detection range (open air) |
| **Signal Transmission Frequency** | 2.400 to 2.483GHz |
| **Terminal Size (mm)** | Screw |
| **Terminal Capacity (mm)** | 1.5 |
| **Operational Temperature** | -20 to +45 |
| **Ingress Protection** | IP20 |
| **Indicator Colour** | LED Strip Connected |

**LED Tape Controller**

CSP071 Smart RGBW LED Tape Controller

Wireless Zigbee smart control
Control white or RGBW LED strip
LED driver provides the input power

**Warranty (Years):** 3
**Dimensions (mm):** 46 (W) x 18 (H) x 115 (L)
**Standards:** BS EN 62368-1 BS EN 62479 BS EN 50663 ETSI EN 301 489-1 ETSI EN 301 489-17 & EN 300 328 V2.2.2

# Smart Switching

## Click Smart+ GridPro® Modules

The Smart GridPro Scenario Switch is a wireless switching solution. It can work in conjunction with other ClickSmart+ devices to design and implement smart application scenarios.

### Remote Switching

Configurable within the ClickSmart+ App for remote switching.

### Wireless

Battery powered modules.

### GridPro Module Design

Install via clip in method with yoke assembly or screw directly into the frontplate.

CLIP-ON MODULES

SCREW-IN MODULES

### Wireless pairing to ClickSmart+ Switching and Dimming receivers

From simply turning on lights with a ClickSmart+ switching receiver (CSP041/CSP042), to turning on appliances with the ClickSmart+ smart sockets.

**Available in white and black finishes**

# Smart Smart GridPro Modules

CSPGM2075PW

CSPGM2075BK

**Rated Voltage (DC)**
3

**Working Humidity**
0%-90%RH

**Protocol**
Zigbee

**Battery Type**
CR 2032 (Supplied)

**Wireless Range**
Up To 50 metres (Open Air)

**Signal Transmission Frequency**
2.4GHz

**Operational Temperature (°C)**
-5 to +40

**Ingress Protection**
IP20

**Indicator Colour**
Blue

GRIDPRO

For more information on the GridPro® range see from page J1

Requires the CSP010 Smart Gateway Hub

**Smart GridPro Modules**

CSPGM2075PW Smart GridPro Scenario Switch - Polar White
CSPGM2075BK Smart GridPro Scenario Switch - Black

Activate or Deactivate multiple smart products through the switch or app.
Create different scenarios based on number and length of presses
Pair smart devices together,

**Warranty (Years):** 3
**Dimensions (mm):** 24.5 (W) x 50 (H) x 22.5 (D)
**Standards:** BS EN 62368-1 BS EN 62479 BS EN 50663 ETSI EN 301 489-1 ETSI EN 301 489-17 & EN 300 328 V2.2.2



# Smart Camera

CSP020

**Load Rating (A)**
1

**Rated Voltage (DC)**
5

**Working Humidity**
≤95%

**Resolution**
1080p

**Field Angle (°)**
114 (Diagonal)

**Aperture**
F2.0 (Fixed)

**Lens Zoom**
2.8

**Storage**
128GB Max. (Micro SD Card - Not Supplied)

**Protocol**
WIFI

**Signal Transmission Frequency**
2.412 to 2.4835GHz

**Operational Temperature (°C)**
-10 to +45

**Ingress Protection**
IP20

**Indicator Colour**
Red / Green

**Smart Camera**

CSP020 Smart Camera

Motion detection available
7 metre night vision
Microphone & speaker (2 way push-to-talk)
Indoor use only
Plug-in adaptor supplied

**Finish:** White
**W (Years):** 3
**Dimensions (mm):** 34 (W) x 58 (D) x 116 (H)
**Standards:** BS EN 60950-1 BS EN 55035 BS EN 61000-3-2 BS EN 61000-3-3 BS EN 62311

CSP032

Requires the CSP010 Smart Gateway Hub

| | |
|---|---|
| **Rated Voltage (DC)** | 3 |
| **Working Humidity** | 10%-90%RH |
| **Battery Type** | CR 2450 (Supplied) |
| **Battery Lifetime** | 1 Year (Dependent On Use) |
| **Sensor** | Infrared |
| **Detection Range (M)** | 7 |
| **Detection Angle** | 170 |
| **Protocol** | Zigbee |
| **Signal Transmission Frequency** | 2.4GHz |
| **Operational Temperature (°C)** | -10 to +50 |
| **Ingress Protection** | IP20 |
| **Indicator Colour** | Blue |

**Smart Sensors**
CSP032 Smart PIR

Sticky pads supplied and fitted

**Finish:** White
**Warranty (Years):** 3
**Dimensions (mm):** 33 (W) x 33 (D) x 39.5 (H)
**Standards:** BS EN 60950-1 BS EN 55035 BS EN 61000-3-2 BS EN 61000-3-3 BS EN 62311

CSP033

Requires the CSP010 Smart Gateway Hub

| | |
|---|---|
| **Rated Voltage (DC)** | 3 |
| **Working Humidity** | 0%-100%RH (Non-condensing) |
| **Protocol** | Zigbee |
| **Battery Type** | CR 2032 (Supplied) |
| **Battery Lifetime** | 1 Year (Dependent On Use) |
| **Measuring Accuracy (%)** | ±3 |
| **Signal Transmission Frequency** | 2.4GHz |
| **Operational Temperature (°C)** | -10 to +50 |
| **Ingress Protection** | IP20 |
| **Indicator Colour** | Blue |

**Smart Sensors**
CSP033 Smart Temperature & Humidity Sensor

**Finish:** White
**Warranty (Years):** 3
**Dimensions (mm):** 37 (Dia.) x 11.6 (D)
**Standards:** BS EN 60950-1 BS EN 55035 BS EN 61000-3-2 BS EN 61000-3-3 BS EN 62311

CSP031

| | |
|---|---|
| **Rated Voltage (DC)** | 3 |
| **Working Humidity** | 0%-95%RH (Non-condensing) |
| **Protocol** | Zigbee |
| **Battery Type** | CR 2032 (Supplied) |
| **Battery Lifetime** | 1 Year (Dependent On Use) |
| **Activation Distance** | 10 - 20 (Between Sensor & Magnet) |
| **Signal Transmission Frequency** | 2.4GHz |
| **Operational Temperature (°C)** | -10 to +50 |
| **Ingress Protection** | IP20 |
| **Indicator Colour** | Blue |

**Smart Sensors**

CSP031 Smart Window & Door Sensor

Activate or deactivate lighting or devices when triggered using the app

**Finish:** White
**Warranty (Years):** 3
**Dimensions (mm):** **Transmitter:** 40 (L) x 25 (W) x 14.5 (D) **Magnet:** 26 (L) x 10 (W) x 9 (D)
**Standards:** BS EN 60950-1 BS EN 55035 BS EN 61000-3-2 BS EN 61000-3-3 BS EN 62311

CSP041

CSP042

CSP043

Requires the CSP010 Smart Gateway Hub

| | |
|---|---|
| **Load Rating (W)** | **041** 100<br>**042** 100 (x2)<br>**043** 250 (2300) |
| **Rated Voltage (V) (Ue)** | 220-240 |
| **Working Current (mA)** | 10 |
| **Standby Current (mA)** | 1 |
| **Working Humidity** | 10%-90%RH |
| **Protocol** | Zigbee |
| **Wireless Range** | Up To 100 metres (Open Air) |
| **Signal Transmission Frequency** | 2.400 to 2.484GHz |
| **Operational Temperature (°C)** | -10 to +40 |
| **Ingress Protection** | IP20 |
| **Indicator Colour** | **041 042** Blue<br>**043** Green |

**Smart Receivers**

CSP041 100W 1 Gang Smart Switching Receiver
No neutral connection required

CSP042 2 x 100W 2 Gang Smart Switching Receiver
No neutral connection required

CSP043 10A 1 Gang Smart Switching Receiver

Utilises standard on/off switches
Bracket supplied enabling DIN rail or screw fixing

**Finish:** White
**Warranty (Years):** 3
**Back Box Depth (mm):** 35 (47 Flat Plate)
**Terminal Torque (Nm):** 0.2 **Terminal Type:** Screw
**Terminal Size (mm):** 3 x 2 **Terminal Capacity Solid (mm²):** 3 x 1.5
**Dimensions (mm):** 46 (W) x 46 (H) x 18 (D)
**Standards:** BS EN 60669-2-1 BS EN 55035 BS EN 61000-3-2 BS EN 61000-3-3 BS EN 62311

CSP051

CSP052

Requires the CSP010 Smart Gateway Hub

**Load Rating (W)**
**051** 150
**052** 100 (x2)

**Rated Voltage (V) (Ue)**
220-240

**Working Current (mA)**
20

**Standby Current (mA)**
3

**Working Humidity**
10%-90%RH

**Protocol**
Zigbee

**Wireless Range**
Up To 100 metres (Open Air)

**Signal Transmission Frequency**
2.400 to 2.4835GHz

**Operational Temperature (°C)**
-10 to +40

**Ingress Protection**
IP20

**Indicator Colour**
Blue

**Smart Receivers**

CSP051 150W 1 Gang Smart Dimming Receiver

CSP052 2 x 100W 2 Gang Smart Dimming Receiver

No neutral connection required
Utilises retractive switches
Bracket supplied enabling DIN rail or screw fixing

**Finish:** White
**Warranty (Years):** 3
**Back Box Depth (mm):** 35 (47 Flat Plate)
**Terminal Torque (Nm):** 0.2 **Terminal Type:** Screw
**Terminal Size (mm):** 3 x 2 **Terminal Capacity Solid (mm²):** 3 x 1.5
**Dimensions (mm):** 46 (W) x 46 (H) x 18 (D)
**Standards:** BS EN 60669-2-1 BS EN 55035 BS EN 61000-3-2 BS EN 61000-3-3 BS EN 62311



# Smart Sockets

With the smart socket you can plug in home appliances like lamps, TVs, heaters, fans etc. Simply turn them on or off with your voice, smart device with the Click Smart+ App or with an automation, timer or schedule.

ClickSmart+

30535

30536

Requires the CSP010 Smart Gateway Hub

| | |
|---|---|
| **Load Rating (A)** | 13 |
| **Rated Voltage (V~) (Ue)** | 250 |
| **Standby Current (mA)** | 1 |
| **Protocol** | Zigbee |
| **Wireless Range** | Up To 160 metres (Open Air) |
| **Signal Transmission Frequency** | 2.4GHz |
| **Single Pole** | Yes |
| **Operational Temperature (°C)** | -5 to +40 |
| **Ingress Protection** | IP20 |
| **Indicator Colour** | White & Orange |

**Smart Socket Outlets - DECO PLUS**

30535 13A Ingot 1 Gang Zigbee Smart Switched Socket Outlet
30536 13A Ingot 2 Gang Zigbee Smart Switched Socket Outlet

Control manually, via the app or voice control
The power to the socket can be locked On or Off using the app, preventing manual switching
3 pin safety shutter (The shutter will only open once all three plug pins are inserted)

**Understanding the code:** DP - Plate Style BN - Plate Finish 30536 - Product No. BK - Insert Colour
**Finish Options: AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **BN** Black Nickel, **SS** Stainless Steel, **MB** Matt Black. (AB, BN & MB are only available with Black inserts).
**Insert Options: BK** Black **WH** White **GY** Grey (SC & SS Ingot are available with Grey Inserts).

**Warranty (Years):** 3
**Terminal Size (mm):** 5.7 x 4.8 **Terminal Capacity Solid (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm): 1 Gang:** 88 (W) x 88 (H) x 8 (D) **2 Gang:** 146 (W) x 88 (H) x 8 (D)
**Standards:** BS 1363-2 BS EN 61000-6-1 BS EN 61000-6-3 BS EN 60669-2-1 in conjunction with BS EN 60669-1

30535

30536

Requires the CSP010 Smart Gateway Hub

| | |
|---|---|
| **Load Rating (A)** | 13 |
| **Rated Voltage (V) (Ue)** | 250 |
| **Standby Current (mA)** | 1 |
| **Protocol** | Zigbee |
| **Wireless Range** | Up To 160 metres (Open Air) |
| **Signal Transmission Frequency** | 2.4GHz |
| **Single Pole** | Yes |
| **Operational Temperature (°C)** | -5 to +40 |
| **Ingress Protection** | IP20 |
| **Indicator Colour** | White & Orange |

**Smart Socket Outlets - DECO**

30535 13A Ingot 1 Gang Zigbee Smart Switched Socket Outlet
30536 13A Ingot 2 Gang Zigbee Smart Switched Socket Outlet

Control manually, via the app or voice control
The power to the socket can be locked On or Off using the app, preventing manual switching
3 pin safety shutter (The shutter will only open once all three plug pins are inserted)

**Understanding the code:** VP - Plate Style BN - Plate Finish 30535 - Product No. BK - Insert Colour
**Finish Options: AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **BN** Black Nickel, **SS** Stainless Steel, **PN** Pearl Nickel, **MB** Matt Black. (AB, BN & MB are only available with Black inserts).
**Insert Options: BK** Black **WH** White **GY** Grey (SC & SS Ingot are available with Grey Inserts)

**Warranty (Years):** 3
**Terminal Size (mm):** 5.7 x 4.8 **Terminal Capacity Solid (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm): 1 Gang:** 88 (W) x 88 (H) x 8 (D) **2 Gang:** 146 (W) x 88 (H) x 8 (D)
**Standards:** BS 1363-2 BS EN 61000-6-1 BS EN 61000-6-3 BS EN 60669-2-1 in conjunction with BS EN 60669-1

30035

30036

Requires the CSP010 Smart Gateway Hub

definity

WORKS WITH alexa

WORKS WITH Hey Google

**Load Rating (A)**
13

**Rated Voltage (V~) (Ue)**
250

**Standby Current (mA)**
1

**Protocol**
Zigbee

**Wireless Range**
Up To 160 metres (Open Air)

**Signal Transmission Frequency**
2.4GHz

**Single Pole**
Yes

**Operational Temperature (°C)**
-5 to +40

**Ingress Protection**
IP20

**Indicator Colour**
White & Orange

**Smart Socket Outlets - Definity**

30035 13A 1 Gang Zigbee Smart Switched Socket Outlet
30036 13A 2 Gang Zigbee Smart Switched Socket Outlet

Control manually, via the app or voice control
The power to the socket can be locked On or Off using the app, preventing manual switching
3 pin safety shutter (The shutter will only open once all three plug pins are inserted)
All Definity™ Smart Sockets have both insert and cover plate supplied

**Understanding the code:**
**SF** - Insert Prefix **SS** - Plate Colour. **30036** - Product No **BK** - Insert Colour.
**Finish Options: BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel, **MW** Metal White, **PW** White, **BK** Matt Black, **MB** Metal Black
**Insert Options: PW** Polar White, **BK** Black, **GY** Grey (BS & SS Ingot are available with Grey Inserts)

**Warranty (Years):** 3
**Terminal Size (mm):** 5.7 x 4.8 **Terminal Capacity Solid (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 4 (D) **2 Gang:** 146 (W) x 86 (H) x 4 (D)
**Standards:** BS 1363-2 BS EN 61000-6-1 BS EN 61000-6-3 BS EN 60669-2-1 in conjunction with BS EN 60669-1

CMA30035

CMA30036

Requires the CSP010 Smart Gateway Hub

MODE

WORKS WITH alexa

WORKS WITH Hey Google

ANTIBACTERIAL & ANTIVIRAL
Certified Products

**Load Rating (A)**
13

**Rated Voltage (V~) (Ue)**
1 Gang & 30651: 250
2 Gang: 250

**Standby Current (mA)**
1

**Protocol**
Zigbee

**Wireless Range**
Up To 160 metres (Open Air)

**Signal Transmission Frequency**
2.4GHz

**Single Pole**
Yes

**Operational Temperature (°C)**
-5 to +40

**Ingress Protection**
IP20

**Indicator Colour**
White & Orange

**Smart Socket Outlets - Mode**

CMA30035 13A 1 Gang Zigbee Smart Switched Socket Outlet
CMA30036 13A 2 Gang Zigbee Smart Switched Socket Outlet

Control manually, via the app or voice control
The power to the socket can be locked On or Off using the app, preventing manual switching
3 pin safety shutter (The shutter will only open once all three plug pins are inserted)

**Finish:** Polar White
**Warranty (Years):** 3
**Terminal Size (mm):** 5.7 x 4.8 **Terminal Capacity Solid (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 9.5 (D) **2 Gang:** 146 (W) x 86 (H) x 9.5 (D)
**Standards:** BS 1363-2 BS EN 61000-6-1 BS EN 61000-6-3 BS EN 60669-2-1 in conjunction with BS EN 60669-1

CSK002

CSK003

IP66 Weatherproof Enclosure Supplied

MODE®

WORKS WITH alexa

WORKS WITH Hey Google

ANTIBACTERIAL & ANTIVIRAL
Certified Products

**Load Rating (A)**
13

**Rated Voltage (V~) (Ue)**
1 Gang & 30651: 250
2 Gang: 250

**Standby Current (mA)**
1

**Protocol**
Zigbee

**Wireless Range**
Up To 160 metres (Open Air)

**Signal Transmission Frequency**
2.4GHz

**Single Pole**
Yes

**Operational Temperature (°C)**
-5 to +40

**Ingress Protection**
IP20

**Indicator Colour**
White & Orange

**Smart Socket Outlets Kits - Mode**

CSK002 13A 2 Gang Zigbee Smart Socket Kit (*1 x Smart Hub & 4 x Mode® 13A 2 Gang Zigbee Smart Socket*)

**Smart Weatherproof Socket Outlets**

CSK003 13A 2 Gang Zigbee Smart Weatherproof Socket Kit (*1 x Smart Hub, 1 x Mode® 13A 2 Gang Zigbee Smart Socket, 1 x 2 Gang Waterproof Enclosure*)

Control manually, via the app or voice control

The power to the socket can be locked On or Off using the app, preventing manual switching

3 pin safety shutter (The shutter will only open once all three plug pins are inserted)

**Finish:** Polar White
**Warranty (Years):** 3 **003:** 3
**Terminal Size (mm):** 5.7 x 4.8 **Terminal Capacity Solid (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 9.5 (D) **2 Gang:** 146 (W) x 86 (H) x 9.5 (D)
**Standards:** BS 1363-2 BS EN 61000-6-1 BS EN 61000-6-3 BS EN 60669-2-1 in conjunction with BS EN 60669-1

## Lock and unlock using the Click Smart+ app.

## FCU Gasket

**The gasket comes supplied with the Fused Connection Unit, which features an optional cable outlet.**

CMA30651

Requires the CSP010 Smart Gateway Hub

MODE

WORKS WITH alexa

WORKS WITH Hey Google

ANTIBACTERIAL & ANTIVIRAL
Certified Products

**Load Rating (A)**
13

**Rated Voltage (V~) (Ue)**
250

**Standby Current (mA)**
1

**Protocol**
Zigbee

**Wireless Range**
Up To 160 metres (Open Air)

**Signal Transmission Frequency**
2.4GHz

**Single Pole**
Yes

**Operational Temperature (°C)**
-5 to +40

**Ingress Protection**
IP20

**Indicator Colour**
White & Orange

**Smart Fused Connection Units - Mode**

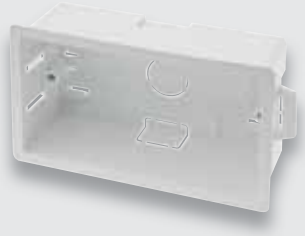
CMA30651 13A Zigbee Smart Switched Fused Connection Unit

Control manually, via the app or voice control
The power to the FCU can be locked On or Off using the app, preventing manual switching
Gasket supplied features cable outlet with restraint

**Finish:** Polar White
**Warranty (Years):** 3
**Terminal Size (mm):** 5.7 x 4.8 **Terminal Capacity Solid (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** 86 (W) x 86 (H) x 9 (D)
**Standards:** BS 1363-4 & BS 1362 BS EN 61000-6-1 BS EN 61000-6-3 BS EN 60669-2-1 in conjunction with BS EN 60669-1

WA095

WA106P



WA107P

essentials™

For the complete range of back boxes see Essentials™ page N4.

**Galvanised Steel Back Boxes**

| | |
|---|---|
| WA092 | 1 Gang 16mm Deep Galvanised Steel K.O. Box |
| WA093 | 1 Gang 25mm Deep Galvanised Steel K.O. Box |
| WA094 | 2 Gang 25mm Deep Galvanised Steel K.O. Box |
| WA095 | 1 Gang 35mm Deep Galvanised Steel K.O. Box |
| WA096 | 2 Gang 35mm Deep Galvanised Steel K.O. Box |
| WA097 | 1 Gang 47mm Deep Galvanised Steel K.O. Box |
| WA098 | 2 Gang 47mm Deep Galvanised Steel K.O. Box |
| WA099 | 1 + 1 35mm Deep Dual Accessory Box |
| WA102 | 1 + 2 35mm Deep Dual Accessory Box |

**Dry Lining Boxes (Sprung Fixing Lugs)**

| | |
|---|---|
| WA087SF | 1 Gang 35mm Deep Dry Lining Box |
| WA088SF | 2 Gang 35mm Deep Dry Lining Box |
| WA106SF | 1 Gang 47mm Deep Dry Lining Box |
| WA107SF | 2 Gang 47mm Deep Dry Lining Box |

**Dry Lining Boxes**

| | |
|---|---|
| WA087P | 1 Gang 35mm Deep Dry Lining Box |
| WA088P | 2 Gang 35mm Deep Dry Lining Box |
| WA106P | 1 Gang 47mm Deep Dry Lining Box |
| WA107P | 2 Gang 47mm Deep Dry Lining Box |
| WA108P | Round Ceiling 34mm Deep Dry Lining Box |

deco

**Spacer Gaskets**

| | |
|---|---|
| VP095BK | 1 Gang 10mm Spacer Gasket - Black |
| VP095GY | 1 Gang 10mm Spacer Gasket - Grey |
| VP095WH | 1 Gang 10mm Spacer Gasket - White |
| VP096BK | 2 Gang 10mm Spacer Gasket - Black |
| VP096GY | 2 Gang 10mm Spacer Gasket - Grey |
| VP096WH | 2 Gang 10mm Spacer Gasket - White |

deco PLUS

Spacer Gaskets

| | |
|---|---|
| DP095BK | 1 Gang 10mm Spacer Gasket - Black |
| DP095GY | 1 Gang 10mm Spacer Gasket - Grey |
| DP095WH | 1 Gang 10mm Spacer Gasket - White |
| DP096BK | 2 Gang 10mm Spacer Gasket - Black |
| DP096GY | 2 Gang 10mm Spacer Gasket - Grey |
| DP096WH | 2 Gang 10mm Spacer Gasket - White |

MODE

**Spacer Gaskets**

| | |
|---|---|
| CMA095 | 1 Gang 10mm Spacer Gasket |
| CMA096 | 2 Gang 10mm Spacer Gasket |

WA4135

WA4147

WA4235

WA4247

FlameGuard® system

For the complete range of FlameGuard® back boxes see Essentials™ page N8.

**FlameGuard® Dry Lining Boxes**

| | |
|---|---|
| WA4135 | 1 Gang 35mm Deep FlameGuard® Dry Lining Box |
| WA4235 | 2 Gang 35mm Deep FlameGuard® Dry Lining Box |
| WA4147 | 1 Gang 47mm Deep FlameGuard® Dry Lining Box |
| WA4247 | 2 Gang 47mm Deep FlameGuard® Dry Lining Box |

FlameGuard® back boxes have been tested and conform to both fire and acoustic BS EN standards. Fire: BS EN 1364-1 Acoustic: BS EN ISO 140-2. Complies with Building Regulations Fire tested up to 90 minutes with the cabability of the boxes being mounted back to back.

CSP060

CSK001

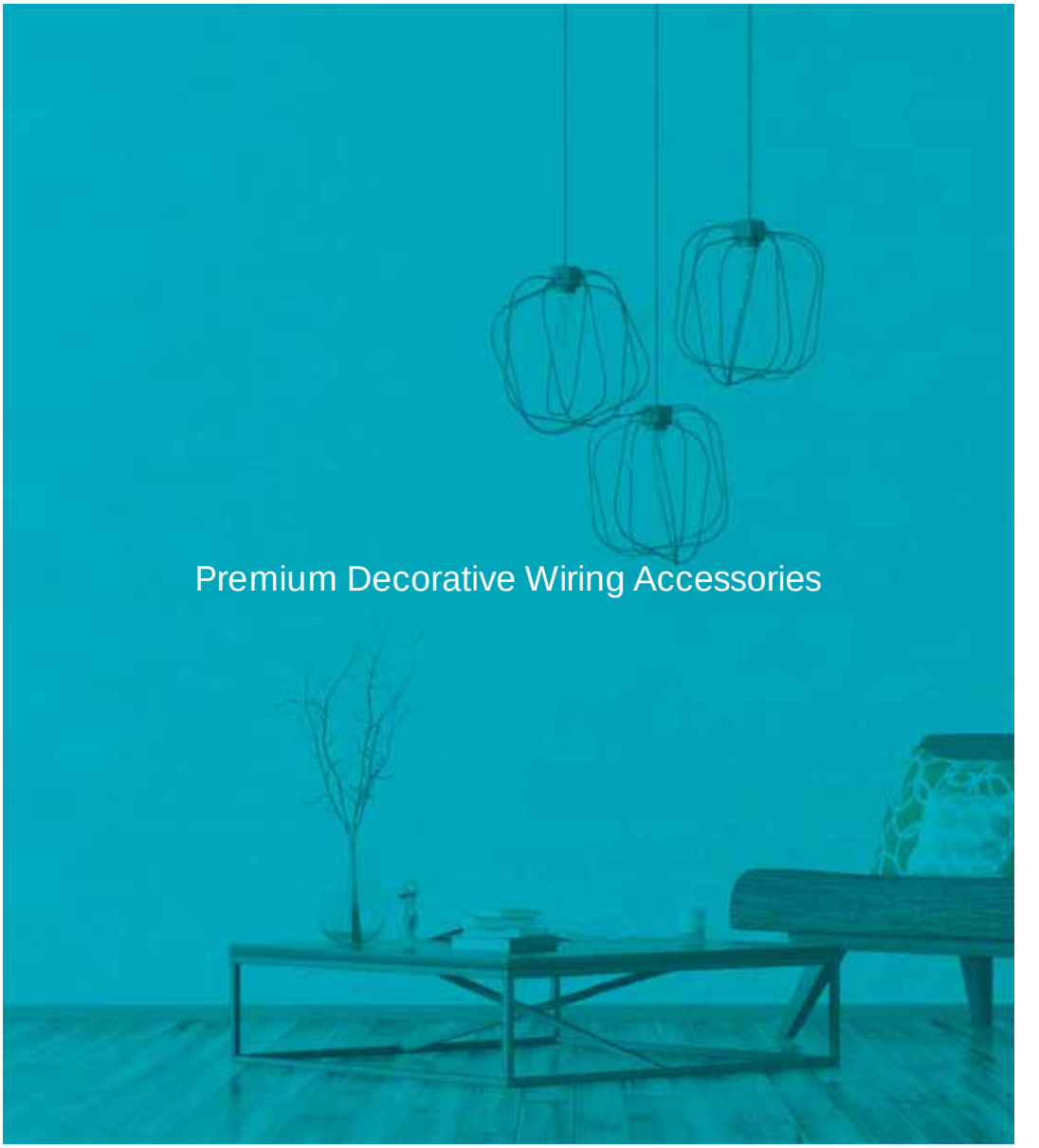
| |
|---|
| **Load Rating (A)** |
| 13 |
| **Rated Voltage (V) (Ue)** |
| 230 |
| **Standby Current (mA)** |
| <100 |
| **Protocol** |
| WIFI |
| **Signal Transmission Frequency** |
| 2.4GHz |
| **Operational Temperature (°C)** |
| -20 to +40 |
| **Ingress Protection** |
| IP20 |
| **Indicator Colour** |
| Blue |

**Smart Socket**
CSP060 13A Smart Plug-in WIFI Socket

**Smart Plug-In Sockets**
CSK001 13A Smart Plug-in WIFI Socket Kit *(4 x 13A Plug in WiFi Smart Sockets)*

Utilise standard UK sockets installed
Control manually, via the app or voice control

**Finish:** White
**Warranty (Years):** 3
**Dimensions (mm):** 57 (W) x 57 (H) x 65 (D)
**Standards:** BS1363-3 BS EN 55035 BS EN 61000-3-2 & BS EN 61000-3-3 BS EN 301489-1 & BS EN 301489-17 BS EN 62311

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## Premium Decorative Wiring Accessories

A comprehensive range of premium decorative metal wiring accessories is now available under the Deco Plus® brand. A brand that is synonymous with high specification, exceptional quality and unprecedented value.

The smooth contemporary curves of the Deco Plus® range are available in 8 finishes to complement any room.

Each product is supplied individually packaged in its own distinctive printed box complete with full fitting instructions.

Deco Plus® switches feature the same modular switch design as our moulded ranges. All of the switch modules featured in our MiniGrid® brochure can therefore be used in any combination on Deco Plus® accessories.

All Deco Plus® 13A sockets and fused connection units are tested and approved to BS1363 offering assured quality and safety.

20 YR WARRANTY

# 20 Year Warranty

All Deco® Plus products are covered by our 20 year warranty against any fault in materials or manufacture experienced at any time within 20 years of the date of supply.

Antique Brass* (AB)



Satin Brass* (SB)



Satin Chrome* (SC)

Black Nickel (BN)

Stainless Steel (SS)

Polished Chrome (CH)

Polished Brass (BR)

Matt Black (MB)

All Deco Plus® products featured in the pages of this brochure are available in 8 distinctive quality finishes.

All Deco Plus® products are available with Black or White Inserts.

*(Excluding Antique Brass, Black Nickel & Matt Black finishes, which are supplied with Black Insert and Gasket only).*

A selection of Stainless Steel and Satin Chrome finishes are now available with Grey Inserts.

## Deco® Plus unique product codes

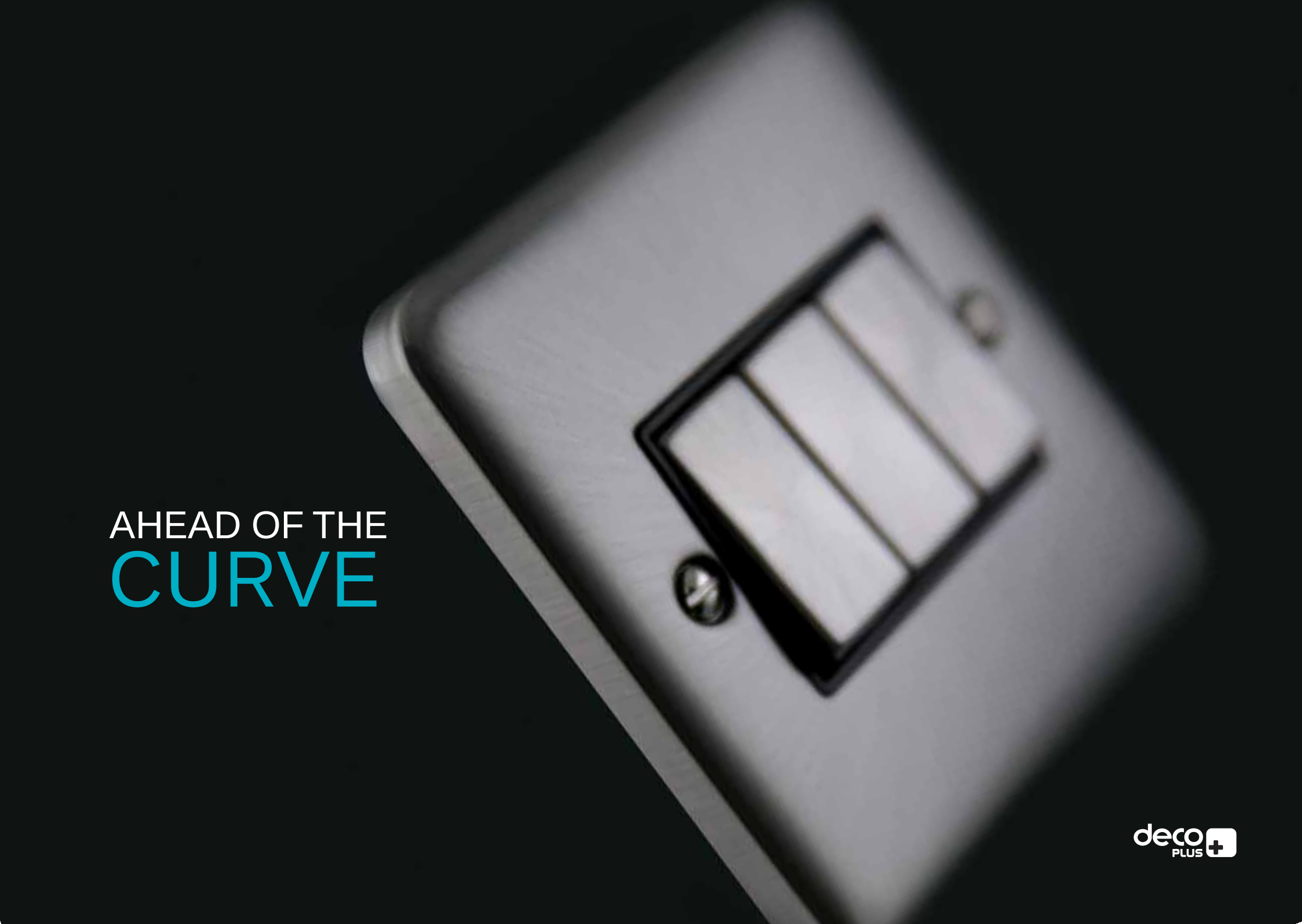
When ordering any Deco® Plus products, please specify the required finish by following the simple code structure as demonstrated here.

| DP | BN | 536 | BK |
|---|---|---|---|
| Plate Style | Product Finish | Product Number | Insert Colour |

## Contents


| | |
|---|---|
| New Features | **C7** |
| Switches | **C10** |
| Yokes & Back Boxes | **C19** |
| Power Socket Outlets | **C22** |
| Socket & Blank Plates | **C24** |
| Fused Connection Units | **C25** |
| Control Switches | **C26** |
| Key Lockable Switch & Socket | **C28** |
| Telephone Outlets | **C30** |
| TV & Satellite | **C31** |
| New Media™ Plates | **C33** |
| Back Boxes | **C34** |


*UK Design Registration 3015621.


AHEAD OF THE
CURVE
deco
PLUS

# New Features

...plus so much more

**Attention to detail has been at the forefront of the design process** for our newest range of wiring accessories. All aspects, no matter how small, have been taken into account and collectively create the **elegant style that characterises Deco Plus®**.

Every accessory within the range which contains a neon now has an insert **surrounding the lens of the neon.**

**An attractive feature added to the Deco Plus®** range is the profile of the cooker sockets. Instead of the traditional T-bar shape, our new range matches the profile of our ingot sockets.

# Switches

Please see page K18 for a selection of MiniGrid® modules.

All Deco Plus® switches are supplied complete with requisite switch module(s). However, should local conditions dictate, the installer may customise a switch arrangement by substituting switch modules by means of a simple, single fixing screw.

A comprehensive range of available modules is illustrated in our dedicated MiniGrid® brochure.

Unfurnished mounting plates can be ordered separately and furnished with whatever selection of switch modules may be required.

All Deco Plus® switch plates are modular as standard, allowing you to create virtually any switch plate you require.

411 | 425

413

412

414

416

MINIGRID® Switch modules interchangeable with MiniGrid® Modules.
For the complete range of MiniGrid® modules, see the dedicated MiniGrid® section, page K18.

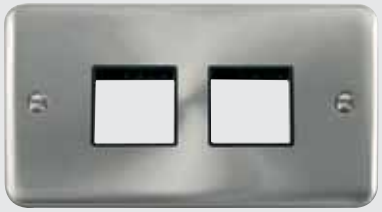
### Ingot Plates Switches - MiniGrid®

411 10AX Ingot 1 Gang 2 Way Plate Switch
412 10AX Ingot 2 Gang 2 Way Plate Switch
413 10AX Ingot 3 Gang 2 Way Plate Switch
414 10AX Ingot 4 Gang 2 Way Plate Switch
416 10AX Ingot 6 Gang 2 Way Plate Switch
425 10AX Ingot 1 Gang Intermediate Plate Switch

**Standards:** BS EN 60669-1
**Back Box Depth (mm):** **1 Gang:** 16 **2 Gang:** 25
**Cable Size (mm²):** 4 x 1.5 or 2 x 2.5
**Dimensions (mm):** **1 Gang:** 88 (W) x 88 (H) x 8 (D) **2 Gang:** 146 (W) x 88 (H) x 8 (D)

**Understanding the code:** **Please note:** AB, BN & MB are only available with Black inserts. SC & SS Ingot are available with Grey Inserts
**DP** - Plate Style **BN** - Plate Finish **536** - Product No. **BK** - Insert Colour
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **BN** Black Nickel, **SS** Stainless Steel, **MB** Matt Black.

401



404

471

402

406

403

426

472

MINIGRID® For the complete range of MiniGrid® modules, see the dedicated MiniGrid® section, page K18.

### Unfurnished Plates - MiniGrid®

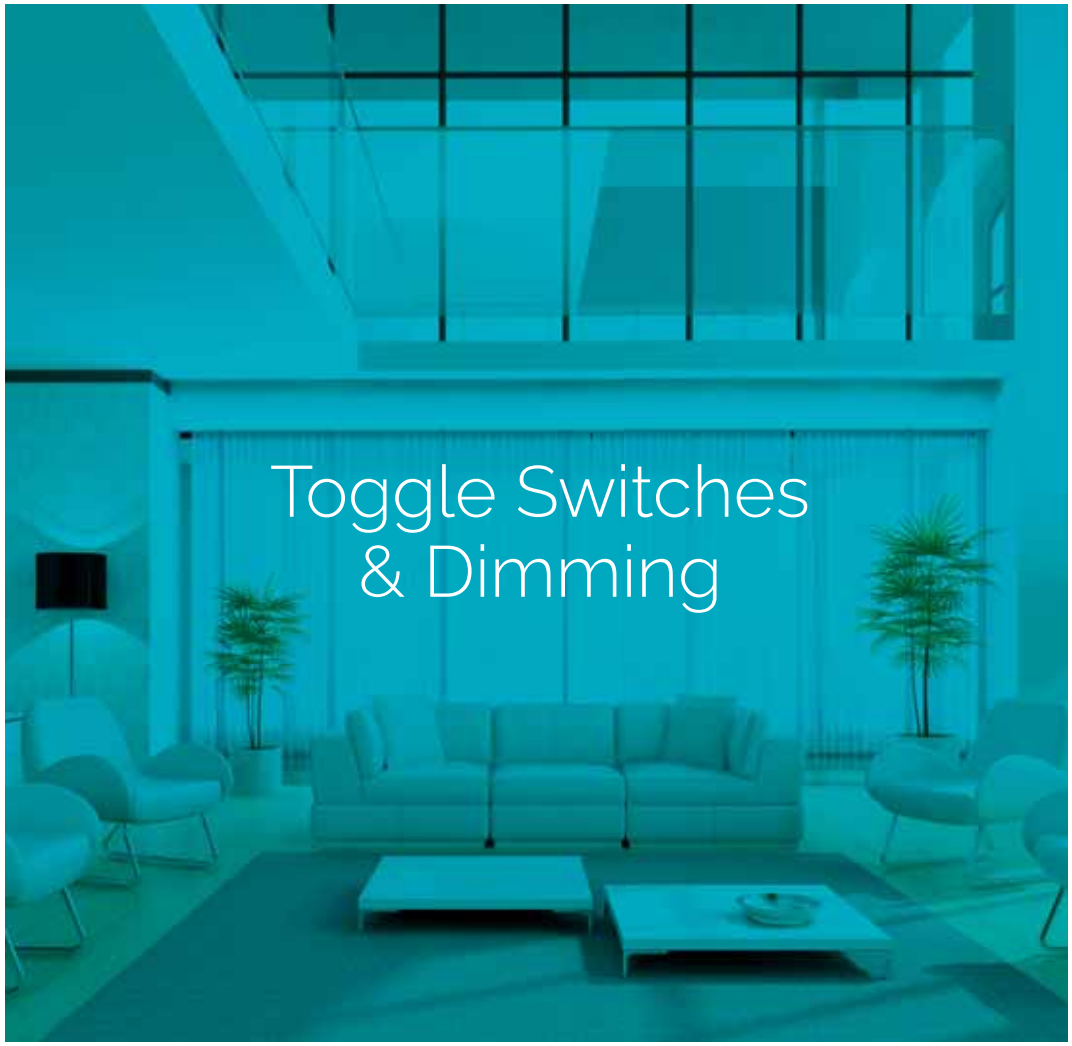
401 1 Gang MiniGrid® Unfurnished Plate - 1 Aperture
402 1 Gang MiniGrid® Unfurnished Plate - 2 Apertures
403 1 Gang MiniGrid® Unfurnished Plate - 3 Apertures
404 2 Gang MiniGrid® Unfurnished Plate - 2 x 2 Apertures
406 2 Gang MiniGrid® Unfurnished Plate - 2 x 3 Apertures
426 2 Gang MiniGrid® Unfurnished Plate - 6 In-Line Apertures

### Architrave Unfurnished Plates - MiniGrid®

471 1 Gang MiniGrid® Unfurnished Architrave Plate - 1 Aperture
472 2 Gang MiniGrid® Unfurnished Architrave Plate - 2 Apertures
These plates must be used with the architrave back boxes WA671 / WA672 and can only be flush mounted.
Not compatible with MD070 & MD075 Switch modules.

**Standards:** BS 5733
**Back Box Depth (mm):** Dependent On Module Fitted
**Dimensions (mm):** **1 Gang:** 88 (W) x 88 (H) x 8 (D) **2 Gang:** 146 (W) x 88 (H) x 8 (D)
**Single architrave:** 35 (W) x 88 (H) x 8 (D) **Twin architrave:** 35 (W) x 150 (H) x 8 (D)

**Understanding the code:** **Please note:** AB, BN & MB are only available with Black inserts. SC & SS Ingot are available with Grey Inserts
**DP** - Plate Style **BN** - Plate Finish **536** - Product No. **BK** - Insert Colour
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **BN** Black Nickel, **SS** Stainless Steel, **MB** Matt Black.



# Toggle Switches & Dimming

A wide selection of toggle switches and dimmers for within your home.

421

422

MD9125

423

424

MD9125 Intermediate module available.
Satin Chrome & Stainless Steel plate finishes require the use of a Pearl Nickel (PN) Toggle Switch Module.
Not interchangeable with dimmers or other MiniGrid® modules.

### Toggle Switches

| | |
|---|---|
| 421 | 10AX 1 Gang 2 Way Toggle Switch |
| 422 | 10AX 2 Gang 2 Way Toggle Switch |
| 423 | 10AX 3 Gang 2 Way Toggle Switch |
| 424 | 10AX 4 Gang 2 Way Toggle Switch |

### 10AX Intermediate Toggle Switch Modules

| | |
|---|---|
| MD9125AB | Intermediate Toggle Switch Module - Antique Brass |
| MD9125BN | Intermediate Toggle Switch Module - Black Nickel |
| MD9125BR | Intermediate Toggle Switch Module - Polished Brass |
| MD9125CH | Intermediate Toggle Switch Module - Polished Chrome |
| MD9125PN | Intermediate Toggle Switch Module - Pearl Nickel |
| MD9125MB | Intermediate Toggle Switch Module - Matt Black |

Toggle Modules only fit in existing toggle plates

**Standards:** BS EN 60669-1
**Back Box Depth (mm):** 25 **Cable Size (mm²):** 4 x 1.5 or 2 x 2.5
**Dimensions (mm):** **1 Gang:** 88 (W) x 88 (H) x 8 (D) **2 Gang:** 146 (W) x 88 (H) x 8 (D) **Modules:** 25 (W) x 62 (H) x 22 (D)

**Understanding the code:**
**DP** - Plate Style **BN** - Plate Finish **536** - Product No.
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **BN** Black Nickel, **SS** Stainless Steel, **MB** Matt Black.

161

163

164

162

MINIGRID®

Interchangeable dimmer modules available on page K37.
For the complete range of MiniGrid® modules, see the MiniGrid® section.

We recommend the use of branded LED lamps with all Deco Plus® trailing edge dimmers. The use of inferior, non-branded lamps may require the nominal rating of the dimmer to be reduced. For further information please contact Click® Technical support team.

## Dimmer Switches (Trailing Edge)

| | |
|---|---|
| 161 | 1 Gang 2 Way 100W Dimmer Switch |
| 162 | 2 Gang 2 Way 100W Dimmer Switch |
| 163 | 3 Gang 2 Way 100W Dimmer Switch |
| 164 | 4 Gang 2 Way 100W Dimmer Switch |

**Standards:** BS EN 60669-1 BS EN 60669-2-1 BS EN 55015 BS EN 61000-3-2
**Type:** Trailing Edge
**Back Box Depth (mm):** 25 **Cable Size (mm²):** 2 x 1.5
**Dimensions (mm):** **1 & 2 Gang:** 88 (W) x 88 (H) x 8 (D) **3 & 4 Gang:** 146 (W) x 88 (H) x 8 (D)

**Understanding the code:**
**DP** - Plate Style **BN** - Plate Finish **536** - Product No.
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **BN** Black Nickel, **SS** Stainless Steel, **MB** Matt Black.





### Dimmer Modules

| | |
|---|---|
| MD9001 | 6A 2 Way Push On/Off (Non-Dimming) Module (25 x 62mm) |
| MD9010 | 1-10V Analogue Dimmer Module (25 x 62mm) |
| MD9014 | 100W Dual Mode Dimmer Module with Trim (26.5 x 55mm) |

### Dimmer M10 Nut Runner

SP900 Dimmer M10 Nut Runner Tool

Use the nut runner to easily exchange dimmer modules and create customised dimmer switch plate

SP900

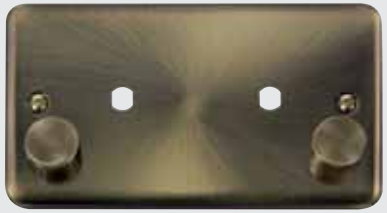
MD9014

140PL

152PL

153PL

185



186

The dimmer modules are supplied separately.
For recessed wall boxes and longer fixing screws see page N9

### Dimmer Mounting Unfurnished Plates

| | |
|---|---|
| 140PL | 1 Gang Dimmer Plate & Knob (650W Max) - 1 Aperture |
| 152PL | 2 Gang Dimmer Plate & Knobs (800W Max) - 2 Apertures |
| 153PL | 3 Gang Dimmer Plate & Knobs (1200W Max) - 3 Apertures |
| 154PL | 4 Gang Dimmer Plate & Knobs (1600W Max) - 4 Apertures |
| 185 | 2 Gang Dimmer Plate & Knob (1000W Max) - 1 Aperture |
| 186 | 2 Gang Dimmer Plate & Knobs (1630W Max) - 2 Apertures |

**Standards:** BS 5733
**Back Box Depth (mm):** 25
**Dimensions (mm):** **1 Gang:** 88 (W) x 88 (H) x 8 (D) **2 Gang:** 146 (W) x 88 (H) x 8 (D)

**Understanding the code:**
**DP** - Plate Style **BN** - Plate Finish **536** - Product No.
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **BN** Black Nickel, **SS** Stainless Steel, **MB** Matt Black.

# Interchangeable Plates & Modules

MiniGrid® modules are interchangeable with pre-assembled plate switches or can be mounted into the unfurnished switch plates throughout the Deco Plus® range.

Standard MiniGrid® modules offer simple, single screw fixing to the yoke which greatly facilitates the assembly of up to 18 different switching functions on a single plate.

MINIGRID®

MiniGrid® modules are available in the same decorative finishes as the Deco Plus® range as well as white and black, so there are plenty of options available to suit your application.

512

### 2 Tier Unfurnished Plates c / w Gaskets - MiniGrid®

512 2 Tier MiniGrid® Unfurnished Plate - 12 Apertures
2 x GR100 Yokes required, see page C19

518

### 3 Tier Unfurnished Plates c / w Gaskets - MiniGrid®

518 3 Tier MiniGrid® Unfurnished Plate - 18 Apertures
3 x GR100 Yokes required, see page C19

MINIGRID®

If dimmer modules are to be mounted directly above each other, the MD9014 (page K37) or similar height dimmer modules must be installed. Alternatively, retractive switch modules MD004 (page K21) can be used in conjunction with Click Smart+ dimming receivers (page B22).

**Standards:** BS 5733
**Back Box Depth (mm):** 47
**Dimensions (mm): 512:** 146 (W) x 146 (H) x 8 (D) **518:** 146 (W) x 227 (H) x 8 (D)

**Understanding the code:**
**DP** - Plate Style **BN** - Plate Finish **536** - Product No.
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **BN** Black Nickel, **SS** Stainless Steel, **MB** Matt Black.





Example of yoke furnished with modules

MINIGRID®

Galvanised steel back boxes supplied for flush mounting of the large MiniGrid® plates. Mounting Yoke facilitates pre-assembly of required modules. Fitted with twin earth terminals.

GR100 WA512 WA518

### Yokes

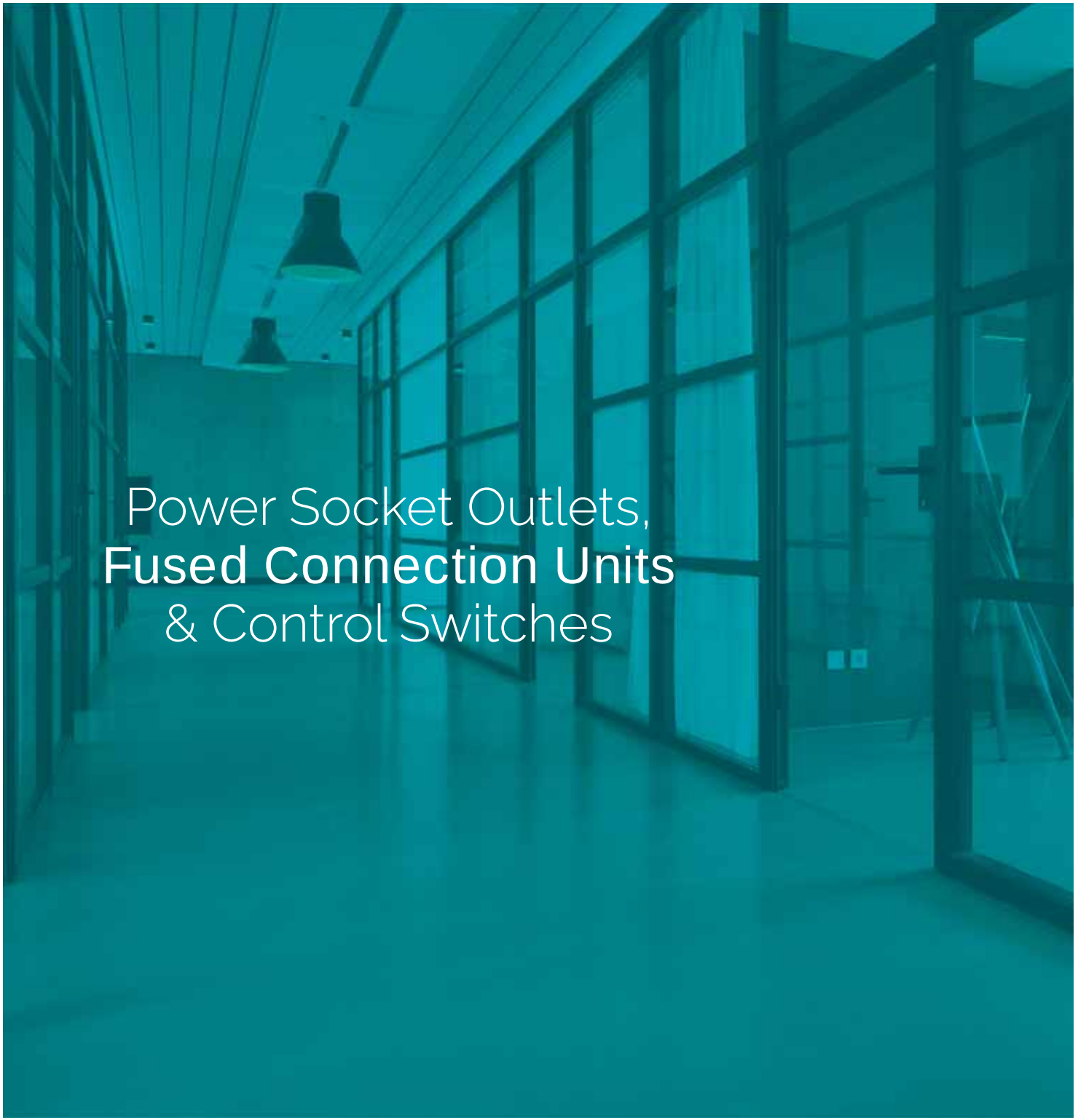
GR100BK MiniGrid® Module Yoke - 6 Apertures - Black
GR100PW MiniGrid® Module Yoke - 6 Apertures - White
GR100GY MiniGrid® Module Yoke - 6 Apertures - Grey

2 or 3 yokes are required based on the backbox selected.

### Galvanised Steel Back Boxes

WA512 2 Tier 47mm Deep K.O. Box
WA518 3 Tier 47mm Deep K.O. Box

**Standards: 512 518:** BS 4662
**Dimensions (mm): 512:** 137 (W) x 137 (H) x 47 (D) **518:** 137 (W) x 197 (H) x 47 (D) **100:** 129 (W) x 55 (H) x 14 (D)



# Power Socket Outlets, **Fused Connection Units** & Control Switches

With the ever increasing demand for power supplies in all areas of the home, comes the problem of selecting and fitting outlets which blend harmoniously with the décor of the room in which they are to be fitted.

The eight different Deco Plus® plate finishes offer a solution for almost every possible design need and will enhance the décor of any area, whether in a kitchen, bedroom, lounge or study etc.

535

536

836

### Ingot Switched Socket Outlets

535 13A Ingot 1 Gang DP Switched Socket
536 13A Ingot 2 Gang DP Switched Socket (Twin Earth)
836 13A Ingot 2 Gang DP Switched Socket With Outboard Rockers (Twin Earth)

1535

1536

1836

### Ingot Switched Safety Shutter Socket Outlets

1535 13A Ingot 1 Gang DP Switched Socket Outlet
1536 13A Ingot 2 Gang DP Switched Socket Outlet (Twin Earth)
1836 13A Ingot 2 Gang DP Outboard Switched Socket Outlet (Twin Earth)

Safety Shuttered Sockets listed are only available for sale in the Republic of Ireland.

**Standards:** BS 1363-2
**Back Box Depth (mm):** 25
**Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** **1 Gang:** 88 (W) x 88 (H) x 8 (D) **2 Gang:** 146 (W) x 88 (H) x 8 (D)

**Understanding the code:** **Please note:** AB, BN & MB are only available with Black inserts. SC & SS Ingot are available with Grey Inserts
**DP** - Plate Style **BN** - Plate Finish **536** - Product No. **BK** - Insert Colour
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **BN** Black Nickel, **SS** Stainless Steel, **MB** Matt Black.

571U

570

580

586

### Ingot Switched Sockets With USB Outlet

571U 13A Ingot 1 Gang Switched Socket With 2.1A USB Outlet (Twin Earth)
570 13A Ingot 2 Gang Switched Socket With 2.1A USB Outlet (Twin Earth)

### Ingot Switched Sockets With Twin USB Outlets

580 13A Ingot 2 Gang Switched Socket With Twin 2.1A USB Outlets (4.2A) (Twin Earth)
585 13A Ingot 1 Gang Switched Socket Outlet With Type A & C USB (4A) Outlets (Twin Earth)
586 13A Ingot 2 Gang Switched Socket Outlet With Type A & C USB (4.2A) Outlets (Twin Earth)

038

039

### Round Pin Socket Outlets

038 5A Round Pin Socket
039 2A Round Pin Socket

**Standards:** BS 1363-2: 2016 +A1: 2018 BS EN IEC 62368-1 BS EN 62680-1-1 **038 039:** BS 546
**Back Box Depth (mm):** 25 **Cable Size (mm²):** 3 x 2.5 or 2 x 4 **038:** 4 x 1.5 or 3 x 2.5 **039:** 3 x 1.5
**Dimensions (mm):** **1 Gang:** 88 (W) x 88 (H) x 8 (D) **2 Gang:** 146 (W) x 88 (H) x 8 (D)

**Understanding the code:** **Please note:** AB, BN & MB are only available with Black inserts. SC & SS Ingot are available with Grey Inserts
**DP** - Plate Style **BN** - Plate Finish **536** - Product No. **BK** - Insert Colour
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **BN** Black Nickel, **SS** Stainless Steel, **MB** Matt Black.

Click® dual voltage shaver outlets incorporate a double wound isolating transformer rated 20Va at 230V or 115V and meets BS EN 61558-2-5:2010 making it safe for use in bathrooms.

This outlet is not continuously rated and therefore not suitable for use as a permanent charging outlet.

024

100

### 20A DP Sink / Bath Switch

024 20A DP Sink/Bath Switch With Neon

### Dual Voltage Shaver Socket Outlet

100 115/230V Dual Voltage Shaver Socket

060

061

### Blank Plates

060 1 Gang Blank Plate

061 2 Gang Blank Plate

**Standards:** **024:** BS EN 60669-1 **060, 601:** BS 5733 **100:** BS EN IEC 61558-1 BS EN 61558-2-5
**Back Box Depth (mm):** **024, 060:** 16 **061:** 25 **100:** 47 **Cable Size (mm²):** **024:** 3 x 2.5 **100:** 2 x 1.5 or 1 x 2.5
**Dimensions (mm):** **1 Gang:** 88 (W) x 88 (H) x 8 (D) **2 Gang:** 146 (W) x 88 (H) x 8 (D) **100:** 88 (W) x 146 (H) x 8 (D)

**Understanding the code:** **Please note:** AB, BN & MB are only available with Black inserts. SC & SS Ingot are available with Grey Inserts
**DP** - Plate Style **BN** - Plate Finish **536** - Product No. **BK** - Insert Colour
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **BN** Black Nickel, **SS** Stainless Steel, **MB** Matt Black.

550

551

552

553

### Ingot Fused Connection Units With Optional Flex Outlet

550 13A Ingot Fused Connection Unit
551 13A Ingot DP Switched Fused Connection Unit
552 13A Ingot DP Switched Fused Connection Unit With Neon
553 13A Ingot Fused Connection Unit With Neon

750

751

752

753

### Ingot Fused Connection Units Without Flex Outlet

750 13A Ingot Fused Connection Unit
751 13A Ingot DP Switched Fused Connection Unit
752 13A Ingot DP Switched Fused Connection Unit With Neon
753 13A Ingot Fused Connection Unit With Neon

**Standards:** BS 1363-4 BS 1362
**Back Box Depth (mm):** 25 **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** 88 (W) x 88 (H) x 8 (D)

**Understanding the code:** **Please note:** AB, BN & MB are only available with Black inserts. SC & SS Ingot are available with Grey Inserts
**DP** - Plate Style **BN** - Plate Finish **536** - Product No. **BK** - Insert Colour
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **BN** Black Nickel, **SS** Stainless Steel, **MB** Matt Black.

520

### Ingot Fan Isolation Switch

520 10A Ingot 3 Pole Fan Isolation Plate Switch

This Product Is Not Modular

522 523 722 723

### Ingot 20A Control Switches With Optional Flex Outlet

522 20A Ingot DP Switch
523 20A Ingot DP Switch With Neon

### Ingot 20A Control Switches Without Flex Outlet

722 20A Ingot DP Switch
723 20A Ingot DP Switch With Neon

**Standards:** BS EN 60669-1 BS EN 60669-2-4
**Back Box Depth (mm): 10A:** 16 **20A:** 25 **Cable Size (mm²): 10A:** 4 x 1.5 or 2 x 2.5 **20A:** 3 x 2.5
**Dimensions (mm): 1 Gang:** 88 (W) x 88 (H) x 8 (D)

**Understanding the code:** **Please note:** AB, BN & MB are only available with Black inserts. SC & SS Ingot are available with Grey Inserts
**DP** - Plate Style **BN** - Plate Finish **536** - Product No. **BK** - Insert Colour
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **BN** Black Nickel, **SS** Stainless Steel, **MB** Matt Black.

500 501 504

502 503 505

### Ingot 45A Switches And Socket Outlets

500 45A Ingot 1 Gang DP Switch
501 45A Ingot 1 Gang DP Switch With Neon

502 45A Ingot 2 Gang DP Switch
503 45A Ingot 2 Gang DP Switch With Neon

504 45A Ingot 2 Gang DP Switch With 13A DP Switched Socket
505 45A Ingot 2 Gang DP Switch With 13A DP Switched Socket & Neons

**Standards: 500 501 502 503:** BS EN 60669-1 **504 505:** BS 4177
**Back Box Depth (mm):** 35 **Cable Size (mm²): 45A:** 1 x 16
**Dimensions (mm): 1 Gang:** 88 (W) x 88 (H) x 8 (D) **2 Gang:** 146 (W) x 88 (H) x 8 (D) **502 503:** 88 (W) x 146 (H) x 8 (D)

**Understanding the code:** **Please note:** AB, BN & MB are only available with Black inserts. SC & SS Ingot are available with Grey Inserts
**DP** - Plate Style **BN** - Plate Finish **536** - Product No. **BK** - Insert Colour
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **BN** Black Nickel, **SS** Stainless Steel, **MB** Matt Black.

660

655

Two keys provided (Spare keys available: SP660).

### Lockable Switches

660 20A Double Pole Key Lockable Switch

### Ingot Lockable Socket Outlets

655 13A Ingot 1 Gang DP Key Lockable Socket With Neon

**Standards:** BS EN 60669-1 **655:** BS 1363-2
**Back Box Depth (mm):** 35 **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** **1 Gang:** 88 (W) x 88 (H) x 8 (D) **2 Gang:** 146 (W) x 88 (H) x 8 (D)

**Understanding the code:** **Please note:** AB, BN & MB are only available with Black inserts. SC & SS Ingot are available with Grey Inserts
**DP** - Plate Style **BN** - Plate Finish **536** - Product No. **BK** - Insert Colour
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **BN** Black Nickel, **SS** Stainless Steel, **MB** Matt Black.

# TV & Telephone Sockets

The following pages contain details of Deco Plus® products designed to deal with handling data and media transfer through telephone, computer, television or radio.

# Telephone Outlets

115

120 | 125

121 | 126

Twin outlets are 2 separate sockets and are not internally linked together.

### RJ11 Telephone Outlets

115 Single RJ11 (Irish/US) Outlet

### Telephone Outlets

120 Single Telephone Outlet - Master
121 Twin Telephone Outlet - Master
125 Single Telephone Outlet - Secondary
126 Twin Telephone Outlet - Secondary

**Back Box Depth (mm):** 16 **115:** 35
**Termination Type:** IDC **115:** Screw
**Dimensions (mm):** 88 (W) x 88 (H) x 8 (D)

**Understanding the code:** **Please note:** AB, BN & MB are only available with Black inserts. SC & SS Ingot are available with Grey Inserts
**DP** - Plate Style **BN** - Plate Finish **536** - Product No. **BK** - Insert Colour
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **BN** Black Nickel, **SS** Stainless Steel, **MB** Matt Black.



# TV & Satellite

Products on this page are not available with grey inserts.

065 | 158

066 | 159

156

157 | 170

### Non-isolated Coaxial Outlets (Unshielded)

065 Single Coaxial Outlet
066 Twin Coaxial Outlet

### Isolated Coaxial Outlets (Unshielded)

158 Single Isolated Coaxial Outlet
159 Twin Isolated Coaxial Outlet

### Satellite Outlets (Unshielded)

156 Non-isolated Single Satellite Outlet
157 Isolated Satellite & Isolated Coaxial Outlet
170 Non-isolated Satellite & Non-isolated Coaxial Outlet

Isolated outlets will filter out any interference.

If a 2 way signal is required, i.e. for use with satellite hard wire extensions, then a non-isolated outlet is required.

**Back Box Depth (mm):** 16
**Dimensions (mm):** 88 (W) x 88 (H) x 8 (D)

**Understanding the code:** **Please note:** AB, BN & MB are only available with Black inserts.
**DP** - Plate Style **BN** - Plate Finish **536** - Product No. **BK** - Insert Colour
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **BN** Black Nickel, **SS** Stainless Steel, **MB** Matt Black.

Selecting from a range of module inserts covering all manner of media transfer, installers will now be able to configure their own arrangement of television, radio or satellite reception, plus speaker, telephone and data outlets. All modules can be inserted into single or double wall plates and fitted onto standard switch and socket boxes.



# Unfurnished Plates

The furnished plate shown here contains a selection of both single and twin width New Media™ modules.

The New Media™ range provides the installer with ultimate flexibility, allowing you to mix and match the connections you have on your wall plate.

All modules are available in white or black finishes to complement any installation.

310 311 312

new media™

All plates supplied with black and white gaskets where applicable.
Above are some examples of New Media™ modules we offer, please see our dedicated New Media™ section for more information on the range of modules available.

Unfurnished Plates - New Media™

| | |
|---|---|
| 310 | 1 Gang New Media™ Unfurnished Plate - 1 Aperture |
| 311 | 1 Gang New Media™ Unfurnished Plate - 2 Apertures |
| 312 | 2 Gang New Media™ Unfurnished Plate - 4 Apertures |

**Standards:** BS 5733
**Back Box Depth (mm):** Dependent On Modules Fitted
**Dimensions (mm):** **1 Gang:** 88 (W) x 88 (H) x 8 (D) **2 Gang:** 146 (W) x 88 (H) x 8 (D)

**Understanding the code:**
**DP** - Plate Style **BN** - Plate Finish **536** - Product No.
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **BN** Black Nickel, **SS** Stainless Steel, **MB** Matt Black.

WA375

WA370

MCP086

MCP085

WA671

WA672

For the complete range of back boxes see Essentials™ **page N4**.

### Galvanised Boxes

| | |
|---|---|
| WA370 | 1 + 1 35mm Deep Dual Accessory Box (Deco® Range Only) |
| WA375 | 1 + 2 35mm Deep Dual Accessory Box (Deco® Range Only) |
| WA671 | 1 Gang 25mm Deep Architrave Box With 60.3mm Hole Centres |
| WA672 | 2 Gang 25mm Deep Architrave Box With 120.6mm Hole Centres |

### Surface Mounting Boxes - Metal Clad Grey

| | |
|---|---|
| MCP085 | 1 Gang 40mm Deep Mounting Box |
| MCP086 | 2 Gang 40mm Deep Mounting Box |

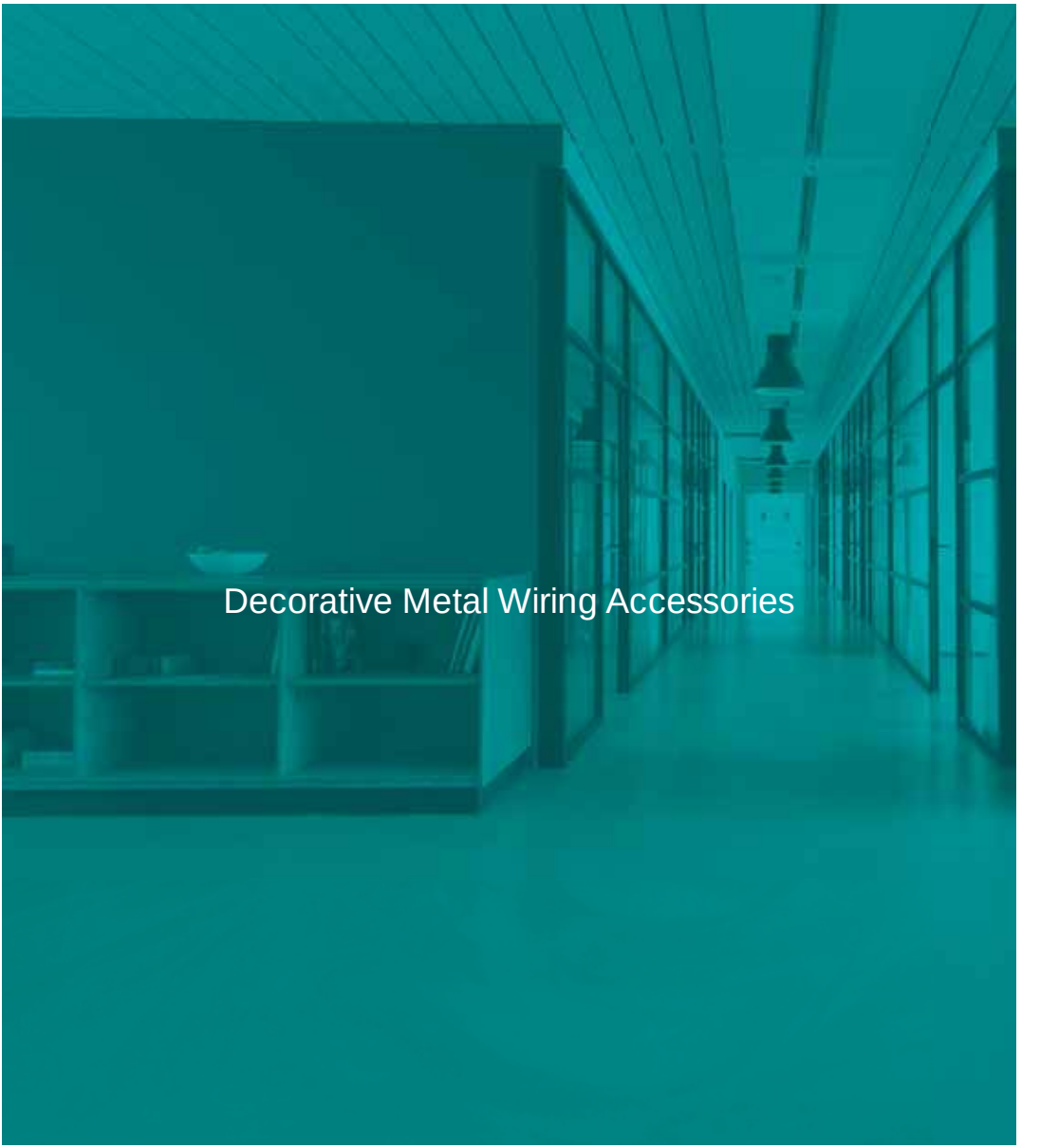
### Spacer Gaskets

| | |
|---|---|
| DP095BK | 1 Gang 10mm Spacer Gasket - Black |
| DP095GY | 1 Gang 10mm Spacer Gasket - Grey |
| DP095WH | 1 Gang 10mm Spacer Gasket - White |
| DP096BK | 2 Gang 10mm Spacer Gasket - Black |
| DP096GY | 2 Gang 10mm Spacer Gasket - Grey |
| DP096WH | 2 Gang 10mm Spacer Gasket - White |

### Deco Plus® Gaskets

| | |
|---|---|
| SP015 | 1 Gang Deco Plus® Gasket - Black |
| SP016 | 2 Gang Deco Plus® Gasket - Black |
| SP017 | 1 Gang Deco Plus® Gasket - White |
| SP018 | 2 Gang Deco Plus® Gasket - White |
| SP023 | 1 Gang Deco Plus® Gasket - Grey |
| SP024 | 2 Gang Deco Plus® Gasket - Grey |

**Standards:** BS 4662
**Dimensions (mm): 085:** 88 (W) x 88 (H) x 40 (D) **086:** 146 (W) x 88 (H) x 40 (D)
**370:** 168 (W) x 74 (H) x 35 (D) (D) **375:** 228 (W) x 74 (H) x 35 (D) **671:** 30 (W) x 73 (H) x 25 (D)
**672:** 30 (W) x 135 (H) x 25 (D) (D) **095:** 94.3 (W) x 94.3 (H) x 11 (D) **096:** 154.3 (W) x 94.3 (H) x 11 (D)



# Decorative Metal Wiring Accessories

deco®

deco®

## Decorative Metal Wiring Accessories in Assorted Plate Finishes

A comprehensive range of decorative metal wiring accessories now available under the single Deco® brand. A brand that is synonymous with high specification, high quality, long life and unprecedented value for money.

Each product is supplied individually packaged in its own distinctive printed box complete with comprehensive fitting instructions.

Deco® switches feature the same modular switch design as our moulded ranges. All of the switch modules featured in our dedicated modules brochure can therefore be used in any combination on Deco® accessories.

Deco® plates are manufactured from stainless steel, All Deco® 13A sockets and fused connection units are tested and approved to BS1363 offering assured quality and safety.

20 YR WARRANTY

## 20 Year Warranty

All Deco® products are covered by our 20 year warranty against any fault in materials or manufacture experienced at any time within 20 years of the date of supply.

Every Deco® product featured in the pages of this brochure are available in 9 distinctive quality finishes.

All Deco® products are available with black or white inserts.

*(Excluding antique brass, black nickel & matt black finishes which are supplied with black insert and gasket only).*

A selection of Stainless Steel and Satin Chrome finishes are now available with grey inserts.

Antique Brass* (AB) | Black Nickel (BN) | Polished Chrome (CH) | Stainless Steel (SS) | Satin Brass* (SB)

Pearl Nickel (PN) | Polished Brass (BR) | Satin Chrome* (SC) | Matt Black (Ingot Only) (MB)

## Deco® unique product codes

When ordering any Deco® products, please specify the required finish by following the simple code structure as demonstrated here.

| VP | BN | 036 | BK |
|---|---|---|---|
| Plate Style | Product Finish | Product Number | Insert Colour |

## Contents


| | |
|---|---|
| Switches | **D5** |
| Yokes & Back Boxes | **D9** |
| Power Socket Outlets | **D14** |
| Fused Connection Units | **D18** |
| Control Switches | **D20** |
| Socket & Blank Plates | **D25** |
| Telephone Outlets | **D28** |
| TV & Satellite | **D29** |
| New Media™ Plates | **D30** |
| Galvanised Boxes | **D31** |
| Dry Lining Boxes | **D32** |


*UK Design Registration 3015621.

# Switches

Please see page K18 for a selection of MiniGrid® modules.

All Deco® switches are supplied complete with switch module(s). However the installer may customise a switch arrangement by substituting switch modules by means of a simple, single fixing screw.

All Deco® switch plates are modular as standard, allowing you to create virtually any switch plate you require. A comprehensive range of available modules is illustrated in the MiniGrid® section of this catalogue.

Unfurnished mounting plates can be ordered separately and furnished with whatever selection of switch modules may be required.

011 | 025

012

013

019

105

MINIGRID® Switch modules interchangeable with MiniGrid® Modules
For the complete range of MiniGrid® modules, see the dedicated MiniGrid® section, page K18..

**Plates Switches - MiniGrid®**

| | |
|---|---|
| 011 | 10AX 1 Gang 2 Way Plate Switch |
| 012 | 10AX 2 Gang 2 Way Plate Switch |
| 013 | 10AX 3 Gang 2 Way Plate Switch |
| 019 | 10AX 4 Gang 2 Way Plate Switch |
| 105 | 10AX 6 Gang 2 Way Plate Switch |
| 025 | 10AX 1 Gang Intermediate Plate Switch |

**Standards:** BS EN 60669-1
**Back Box Depth (mm): 011 012 013 025:** 16 **105 019:** 25 **Cable Size (mm²):** 4 x 1.5 or 2 x 2.5
**Dimensions (mm): 1 Gang:** 88 (W) x 88 (H) x 8 (D) **2 Gang:** 146 (W) x 88 (H) x 8 (D)

**Understanding the code:** **Please note:** AB, BN & MB are only available with Black inserts. SC & SS Ingot are available with Grey Inserts
**VP** - Plate Style **BN** - Plate Finish **011** - Product No. **BK** - Insert Colour
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome,
**BN** Black Nickel, **SS** Stainless Steel, **PN** Pearl Nickel.

411 | 425 412 413

414 416

MINIGRID®

Switch modules interchangeable with MiniGrid® Modules
For the complete range of MiniGrid® modules, see the dedicated MiniGrid® section, page K18..

**Ingot Plates Switches - MiniGrid®**

411 10AX Ingot 1 Gang 2 Way Plate Switch
412 10AX Ingot 2 Gang 2 Way Plate Switch
413 10AX Ingot 3 Gang 2 Way Plate Switch
414 10AX Ingot 4 Gang 2 Way Plate Switch
416 10AX Ingot 6 Gang 2 Way Plate Switch
425 10AX Ingot 1 Gang Intermediate Plate Switch

**Standards:** BS EN 60669-1
**Back Box Depth (mm):** **411 412 413 425:** 16 **414 416:** 25
**Cable Size (mm²):** 4 x 1.5 or 2 x 2.5
**Dimensions (mm):** **1 Gang:** 88 (W) x 88 (H) x 8 (D) **2 Gang:** 146 (W) x 88 (H) x 8 (D)

**Understanding the code:** **Please note:** AB, BN & MB are only available with Black inserts. SC & SS Ingot are available with Grey Inserts
**VP** - Plate Style **BN** - Plate Finish **011** - Product No. **BK** - Insert Colour
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **MB** Matt Black (Ingot Only),
**BN** Black Nickel, **SS** Stainless Steel, **PN** Pearl Nickel.

401 426 402 404 403 432

MINIGRID®

For the complete range of MiniGrid® modules, see the dedicated MiniGrid® section, page K18.

471 472

These plates must be used with the dedicated architrave back boxes WA571/ WA572 and can only be flush mounted. See page D31. Not compatible with MD070 & MD075 Switch modules.

**Unfurnished Plates - MiniGrid®**

401 1 Gang MiniGrid® Unfurnished Plate - 1 Aperture
402 1 Gang MiniGrid® Unfurnished Plate - 2 Apertures
403 1 Gang MiniGrid® Unfurnished Plate - 3 Apertures
404 2 Gang MiniGrid® Unfurnished Plate - 2 x 2 Apertures
406 2 Gang MiniGrid® Unfurnished Plate - 2 x 3 Apertures
426 2 Gang MiniGrid® Unfurnished Plate - 6 In-Line Apertures
432 2 Gang MiniGrid® Unfurnished Plate - 3 Apertures

Please note 432 is not available in BN, BR, PN or SB. See range of MiniGrid® Modules in the MiniGrid® section

**Architrave Switch Plates (Unfurnished)**

471 1 Gang MiniGrid® Unfurnished Architrave Plate - 1 Aperture
472 2 Gang MiniGrid® Unfurnished Architrave Plate - 2 Apertures

**Standards:** BS 5733
**Back Box Depth (mm):** Dependent On Modules Fitted **471 472:** 25
**Dimensions (mm):** **1 Gang:** 88 (W) x 88 (H) x 8 (D) **2 Gang:** 146 (W) x 88 (H) x 8 (D) **471:** 35 (W) x 89 (H) x 8 (D) **472:** 35 (W) x 149 (H) x 8 (D)

**Understanding the code:** **Please note:** AB, BN & MB are only available with Black inserts. SC & SS Ingot are available with Grey Inserts
**VP** - Plate Style **BN** - Plate Finish **011** - Product No. **BK** - Insert Colour
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **MB** Matt Black (Ingot Only),
**BN** Black Nickel, **SS** Stainless Steel, **PN** Pearl Nickel.

The furnished plate shown here contains a selection of both single and twin width MiniGrid® modules. GR100 yokes are required to mount the MiniGrid® modules into prior to assembling the frontplate.

512

**2 Tier Unfurnished Plates c / w Gaskets - MiniGrid®**

512 2 Tier MiniGrid® Unfurnished Plate - 12 Apertures
2 x GR100 Yokes required, see page D9

518

**3 Tier Unfurnished Plates c / w Gaskets - MiniGrid®**

518 3 Tier MiniGrid® Unfurnished Plate - 18 Apertures
3 x GR100 Yokes required, see page D9

MINIGRID®

If dimmer modules are to be mounted directly above each other, the MD9014 (page K37) or similar height dimmer modules must be installed. Alternatively, retractive switch modules MD004 (page K21) can be used in conjunction with Click Smart+ dimming receivers (page B22).

**Standards:** BS 5733
**Back Box Depth (mm):** 47
**Dimensions (mm):** **512:** 146 (W) x 146 (H) x 8 (D) **518:** 146 (W) x 227 (H) x 8 (D)

**Understanding the code:**
**VP** - Plate Style **BN** - Plate Finish **011** - Product No. **Please note:** Supplied with both black & white gaskets (**AB**, **BN** & **MB** supplied with black gaskets only)
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **MB** Matt Black (Ingot Only),
**BN** Black Nickel, **SS** Stainless Steel, **PN** Pearl Nickel.





Example of yoke furnished with modules

MINIGRID®

Galvanised steel back boxes supplied for flush mounting of the large MiniGrid® plates. Mounting Yoke facilitates pre-assembly of required modules. Fitted with twin earth terminals.

GR100 WA512 WA518

**Yokes**

| | |
|---|---|
| GR100BK | MiniGrid® Module Yoke - 6 Apertures - Black |
| GR100PW | MiniGrid® Module Yoke - 6 Apertures - White |
| GR100GY | MiniGrid® Module Yoke - 6 Apertures - Grey |

2 or 3 yokes are required based on the backbox selected.

**Galvanised Steel Back Boxes**

| | |
|---|---|
| WA512 | 2 Tier 47mm Deep K.O. Box |
| WA518 | 3 Tier 47mm Deep K.O. Box |

**Standards:** **512 518:**BS 4662
**Dimensions (mm):** **GR100:** 129 (W) x 55 (H) x 14 (D) **512:** 137 (W) x 137 (H) x 47 (D) **518:** 137 (W) x 197 (H) x 47 (D)

161

163

164

### Dimmer Switches (Trailing Edge)

| | |
|---|---|
| 161 | 1 Gang 2 Way 100W Dimmer Switch |
| 162 | 2 Gang 2 Way 100W Dimmer Switch |
| 163 | 3 Gang 2 Way 100W Dimmer Switch |
| 164 | 4 Gang 2 Way 100W Dimmer Switch |

**Standards:** BS EN 60669-1 BS EN 60669-2-1 BS EN 55015 BS EN 61000-3-2
**Type:** Trailing Edge
**Back Box Depth (mm):** 25 **Cable Size (mm²):** 2 x 1.5
**Dimensions (mm):** **1 Gang:** 88 (W) x 88 (H) x 8 (D) **2 Gang:** 146 (W) x 88 (H) x 8 (D)

**Understanding the code:**
**VP** - Plate Style **BN** - Plate Finish **011** - Product No. **Please note:** Supplied with both black & white gaskets (**AB**, **BN** & **MB** supplied with black gaskets only)
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **MB** Matt Black (Ingot Only),
**BN** Black Nickel, **SS** Stainless Steel, **PN** Pearl Nickel.





### Dimmer Modules

| | |
|---|---|
| MD9001 | 6A 2 Way Push On / Off (Non-Dimming) Module (25 x 62mm) |
| MD9010 | 1-10V Analogue Dimmer Module (25 x 62mm) |
| MD9014 | 100W Dual Mode Dimmer Module with Trim (26.5 x 55mm) |

### Dimmer M10 Nut Runner

SP900 Dimmer M10 Nut Runner Tool

Use the nut runner to easily exchange dimmer modules and create customised dimmer switch plate

SP900

MD9014

140PL

152PL

153PL

185

186

Dimmer Modules supplied separately

### Dimmer Mounting Unfurnished Plates

| | |
|---|---|
| 140PL | 1 Gang Dimmer Plate & Knob (650W Max) - 1 Aperture |
| 152PL | 2 Gang Dimmer Plate & Knobs (800W Max) - 2 Apertures |
| 153PL | 2 Gang Dimmer Plate & Knobs (1200W Max) - 3 Apertures |
| 154PL | 2 Gang Dimmer Plate & Knobs (1600W Max) - 4 Apertures |
| 185 | 2 Gang Dimmer Plate & Knob (1000W Max) - 1 Aperture |
| 186 | 2 Gang Dimmer Plate & Knobs (1630W Max) - 2 Apertures |

**Standards:** BS 5733
**Back Box Depth (mm):** 25 (35 Flat Plate)
**Dimensions (mm):** **1 Gang:** 88 (W) x 88 (H) x 8 (D) **2 Gang:** 146 (W) x 88 (H) x 8 (D)

**Understanding the code:**
**VP** - Plate Style **BN** - Plate Finish **011** - Product No. **Please note:** Supplied with both black & white gaskets (**AB**, **BN** & **MB** supplied with black gaskets only)
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **MB** Matt Black (Ingot Only),
**BN** Black Nickel, **SS** Stainless Steel, **PN** Pearl Nickel.

421

422

MD9125

423

424

MD9125 Intermediate module available.
Satin Chrome & Stainless Steel plate finishes require the use of a Pearl Nickel (PN) Toggle Switch Module.
Not interchangeable with dimmers or other MiniGrid® modules.

**Toggle Switches**

| | |
|---|---|
| 421 | 10AX 1 Gang 2 Way Toggle Switch |
| 422 | 10AX 2 Gang 2 Way Toggle Switch |
| 423 | 10AX 3 Gang 2 Way Toggle Switch |
| 424 | 10AX 4 Gang 2 Way Toggle Switch |

**10AX Intermediate Toggle Switch Modules**

| | |
|---|---|
| MD9125AB | Intermediate Toggle Switch Module - Antique Brass |
| MD9125BN | Intermediate Toggle Switch Module - Black Nickel |
| MD9125BR | Intermediate Toggle Switch Module - Polished Brass |
| MD9125CH | Intermediate Toggle Switch Module - Polished Chrome |
| MD9125PN | Intermediate Toggle Switch Module - Pearl Nickel |
| MD9125MB | Intermediate Toggle Switch Module - Matt Black |

**Standards:** BS EN 60669-1
**Back Box Depth (mm):** 25 **Cable Size (mm²):** 4 x 1.5 or 2 x 2.5
**Dimensions (mm):** **1 Gang:** 88 (W) x 88 (H) x 8 (D) **2 Gang:** 146 (W) x 88 (H) x 8 (D)

**Understanding the code:**
**VP** - Plate Style **BN** - Plate Finish **011** - Product No. **Please note:** Supplied with both black & white gaskets (**AB**, **BN** & **MB** supplied with black gaskets only)
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **MB** Matt Black (Ingot Only),
**BN** Black Nickel, **SS** Stainless Steel, **PN** Pearl Nickel.

# Power Socket Outlets, Fused Connection Units & Control Switches

With the ever increasing demand for power supplies in all areas of the home comes the problem of selecting and fitting outlets which blend harmoniously with the décor of the room in which they are to be fitted.

The 9 different Deco® plate finishes offer a solution for almost every possible design need and will enhance the décor of any area whether in a kitchen, bedroom, lounge or study etc...

771U

770

### Switched Sockets With USB Outlet

771U 13A 1 Gang Switched Socket With 2.1A USB Outlet (Twin Earth)
770 13A 2 Gang Switched Socket With 2.1A USB Outlet (Twin Earth)

571U

570

### Ingot Switched Sockets With USB Outlet

571U 13A Ingot 1 Gang Switched Socket With 2.1A USB Outlet (Twin Earth)
570 13A Ingot 2 Gang Switched Sockets With 2.1A USB Outlet (Twin Earth)

**Standards:** BS 1363-2: 2016 +A1: 2018 BS EN IEC 62368-1 BS EN 62680-1-1
**Back Box Depth (mm):** 25 **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** **1 Gang:** 88 (W) x 88 (H) x 8 (D) **2 Gang:** 146 (W) x 88 (H) x 8 (D)

**Understanding the code:** **Please note:** AB, BN & MB are only available with Black inserts. SC & SS Ingot are available with Grey Inserts
**VP** - Plate Style **BN** - Plate Finish **011** - Product No. **BK** - Insert Colour
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **MB** Matt Black (Ingot Only),
**BN** Black Nickel, **SS** Stainless Steel, **PN** Pearl Nickel.

785

786

### Switched Sockets With Twin USB Outlets

780 13A 2 Gang Switched Socket With Twin 2.1A USB Outlets (4.2A) (Twin Earth)
785 13A 1 Gang Switched Socket Outlet With Type A & C USB (4A) Outlets (Twin Earth)
786 13A 2 Gang Switched Socket Outlet With Type A & C USB (4.2A) Outlets (Twin Earth)

585

586

### Ingot Switched Sockets With Twin USB Outlets

580 13A Ingot 2 Gang Switched Sockets With Twin 2.1A USB Outlets (4.2A) (Twin Earth)
585 13A Ingot 1 Gang Switched Socket Outlet With Type A & C USB (4A) Outlets (Twin Earth)
586 13A Ingot 2 Gang Switched Socket Outlet With Type A & C USB (4.2A) Outlets (Twin Earth)

**Standards:** BS 1363-2: 2016 +A1: 2018 BS EN IEC 62368-1 BS EN 62680-1-1
**Back Box Depth (mm):** 25 **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** **1 Gang:** 88 (W) x 88 (H) x 8 (D) **2 Gang:** 146 (W) x 88 (H) x 8 (D)

**Understanding the code:** **Please note:** AB, BN & MB are only available with Black inserts. SC & SS Ingot are available with Grey Inserts
**VP** - Plate Style **BN** - Plate Finish **011** - Product No. **BK** - Insert Colour
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **MB** Matt Black (Ingot Only),
**BN** Black Nickel, **SS** Stainless Steel, **PN** Pearl Nickel.

035



036

### Switched Socket Outlets

035 13A 1 Gang DP Switched Socket Outlet
036 13A 2 Gang DP Switched Socket (Twin Earth)

535

536

### Ingot Switched Socket Outlets

535 13A Ingot 1 Gang DP Switched Socket Outlet
536 13A Ingot 2 Gang DP Switched Socket (Twin Earth)

**Standards:** BS 1363-2
**Back Box Depth (mm):** 25 **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** **1 Gang:** 88 (W) x 88 (H) x 8 (D) **2 Gang:** 146 (W) x 88 (H) x 8 (D)

**Understanding the code:** **Please note:** AB, BN & MB are only available with Black inserts. SC & SS Ingot are available with Grey Inserts
**VP** - Plate Style **BN** - Plate Finish **011** - Product No. **BK** - Insert Colour
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **MB** Matt Black (Ingot Only),
**BN** Black Nickel, **SS** Stainless Steel, **PN** Pearl Nickel.

### Round Pin Socket Outlets

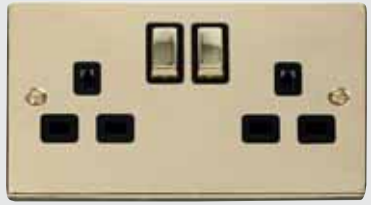
038 5A Round Pin Socket
039 2A Round Pin Socket

038

039

Safety Shuttered Sockets listed below are only available for sale in the Republic of Ireland.

1535



1536

1836

### Ingot Switched Safety Shutter Socket Outlets

1535 13A Ingot 1 Gang DP Switched Socket Outlet
1536 13A Ingot 2 Gang DP Switched Socket Outlet (Twin Earth)
1836 13A Ingot 2 Gang DP Outboard Switched Socket Outlet (Twin Earth)

**Standards:** BS 1363-2 **038 039:** BS 546
**Back Box Depth (mm):** 25 **Cable Size (mm²):** 3 x 2.5 or 2 x 4 **038:** 3 x 1.5 **039:** 4 x 1.5 or 3 x 2.5
**Dimensions (mm):** **1 Gang:** 88 (W) x 88 (H) x 8 (D) **2 Gang:** 146 (W) x 88 (H) x 8 (D)

**Understanding the code:** **Please note:** AB, BN & MB are only available with Black inserts. SC & SS Ingot are available with Grey Inserts
**VP** - Plate Style **BN** - Plate Finish **011** - Product No. **BK** - Insert Colour
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **MB** Matt Black (Ingot Only),
**BN** Black Nickel, **SS** Stainless Steel, **PN** Pearl Nickel.

050 051 052 053

**Fused Connection Units With Optional Flex Outlet**

050 13A Fused Connection Unit
051 13A DP Switched Fused Connection Unit
052 13A DP Switched Fused Connection Unit With Neon
053 13A Fused Connection Unit With Neon

651 652 653 650

**Fused Connection Units Without Flex Outlet**

650 13A Fused Connection Unit
651 13A DP Switched Fused Connection Unit
652 13A DP Switched Fused Connection Unit With Neon
653 13A Fused Connection Unit With Neon

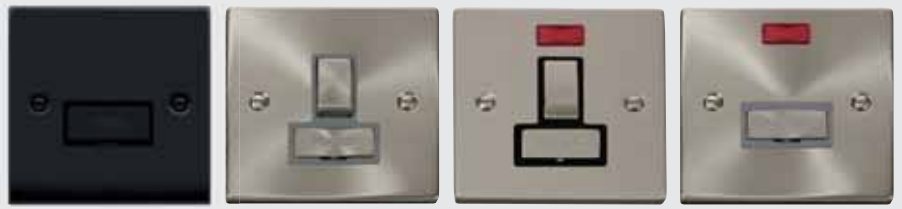
**Standards:** BS 1363-4 BS 1362
**Back Box Depth (mm):** 25 **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm): 88 (W) x 88 (H) x 8 (D)**

**Understanding the code:** **Please note:** AB, BN & MB are only available with Black inserts. SC & SS Ingot are available with Grey Inserts
**VP** - Plate Style **BN** - Plate Finish **011** - Product No. **BK** - Insert Colour
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome,
**BN** Black Nickel, **SS** Stainless Steel, **PN** Pearl Nickel.

550 551 552 553

**Ingot Fused Connection Units With Optional Flex Outlet**

550 13A Ingot Fused Connection Unit
551 13A Ingot DP Switched Fused Connection Unit
552 13A Ingot DP Switched Fused Connection Unit With Neon
553 13A Ingot Fused Connection Unit With Neon



750 751 752 753

**Ingot Fused Connection Units Without Flex Outlet**

750 13A Ingot Fused Connection Unit
751 13A Ingot DP Switched Fused Connection Unit
752 13A Ingot DP Switched Fused Connection Unit With Neon
753 13A Ingot Fused Connection Unit With Neon

**Standards:** BS 1362
**Back Box Depth (mm):** 25 **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** 88 (W) x 88 (H) x 8 (D)

**Understanding the code:** **Please note:** AB, BN & MB are only available with Black inserts. SC & SS Ingot are available with Grey Inserts
**VP** - Plate Style **BN** - Plate Finish **011** - Product No. **BK** - Insert Colour
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **MB** Matt Black (Ingot Only),
**BN** Black Nickel, **SS** Stainless Steel, **PN** Pearl Nickel.

3 Pole and 20A DP Switches are Non-Modular.

022

023

**20A Control Switches With Optional Flex Outlet**

022 20A DP Switch
023 20A DP Switch With Neon

622

623

**20A Control Switches Without Flex Outlet**

622 20A DP Switch
623 20A DP Switch With Neon

020

**Fan Isolation Switch**

020 10A 3 Pole Fan Isolation Switch

**Standards:** BS EN 60669-1 **020:** BS EN 60669-2-4
**Back Box Depth (mm):** 25 **020:** 16 **Cable Size (mm²):** 3 x 2.5 **020:** 4 x 1.5 or 2 x 2.5
**Dimensions (mm):** 88 (W) x 88 (H) x 8 (D)

**Understanding the code:** **Please note:** AB, BN & MB are only available with Black inserts. SC & SS Ingot are available with Grey Inserts
**VP** - Plate Style **BN** - Plate Finish **011** - Product No. **BK** - Insert Colour
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome,
**BN** Black Nickel, **SS** Stainless Steel, **PN** Pearl Nickel.





3 Pole and 20A DP Switches are Non-Modular.

522

523

**Ingot 20A Control Switches With Optional Flex Outlet**

522 20A Ingot DP Switch
523 20A Ingot DP Switch With Neon

722

723

**Ingot 20A Control Switches Without Flex Outlet**

722 20A Ingot DP Switch
723 20A Ingot DP Switch With Neon

520

**Ingot Fan Isolation Switch**

520 10A Ingot 3 Pole Fan Isolation Plate Switch

**Standards:** BS EN 60669-1 **520:** BS EN 60669-2-4
**Back Box Depth (mm):** 25 **520:** 16 **Cable Size (mm²):** 3 x 2.5 **520:** 4 x 1.5 or 2 x 2.5
**Dimensions (mm):** 88 (W) x 88 (H) x 8 (D)

**Understanding the code:** **Please note:** AB, BN & MB are only available with Black inserts. SC & SS Ingot are available with Grey Inserts
**VP** - Plate Style **BN** - Plate Finish **011** - Product No. **BK** - Insert Colour
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **MB** Matt Black (Ingot Only),
**BN** Black Nickel, **SS** Stainless Steel, **PN** Pearl Nickel.

200 201 204

202 203 205

**45A Switches And Socket Outlets**

200 45A 1 Gang DP Switch
201 45A 1 Gang DP Switch With Neon

202 45A 2 Gang DP Switch
203 45A 2 Gang DP Switch With Neon

204 45A 2 Gang DP Switch With 13A DP Switched Socket
205 45A 2 Gang DP Switch With 13A DP Switched Socket & Neons

**Standards:** BS EN 60669-1 **204 205:** BS 4177
**Back Box Depth (mm):** 35 **Cable Size (mm²):** 1 x 16
**Dimensions (mm): 1 Gang:** 88 (W) x 88 (H) x 8 (D) **2 Gang:** 146 (W) x 88 (H) x 8 (D) **202 203:** 88 (W) x 146 (H) x 8 (D)

**Understanding the code:** **Please note:** AB, BN & MB are only available with Black inserts. SC & SS Ingot are available with Grey Inserts
**VP** - Plate Style **BN** - Plate Finish **011** - Product No. **BK** - Insert Colour
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome,
**BN** Black Nickel, **SS** Stainless Steel, **PN** Pearl Nickel.

500 501 504

502 503 505

**Ingot 45A Switches And Socket Outlets**

500 45A Ingot 1 Gang DP Switch
501 45A Ingot 1 Gang DP Switch With Neon

502 45A Ingot 2 Gang DP Switch
503 45A Ingot 2 Gang DP Switch With Neon

504 45A Ingot 2 Gang DP Switch With 13A DP Switched Socket
505 45A Ingot 2 Gang DP Switch With 13A DP Switched Socket & Neons
Only available in selected finishes: CH, SC, AB, BN, PN, SS & MB

**Standards:** BS EN 60669-1 **504 505:** BS 4177
**Back Box Depth (mm):** 35 **Cable Size (mm²):** 1 x 16
**Dimensions (mm): 1 Gang:** 88 (W) x 88 (H) x 8 (D) **2 Gang:** 146 (W) x 88 (H) x 8 (D) **502 503:** 88 (W) x 146 (H) x 8 (D)

**Understanding the code:** **Please note:** AB, BN & MB are only available with Black inserts. SC & SS Ingot are available with Grey Inserts
**VP** - Plate Style **BN** - Plate Finish **011** - Product No. **BK** - Insert Colour
**AB** Antique Brass, **CH** Polished Chrome, **SC** Satin Chrome, **BN** Black Nickel, **SS** Stainless Steel, **PN** Pearl Nickel, **MB** Matt Black (Ingot Only), .

660

**Lockable Switches**

660 20A Double Pole Key Lockable Switch

655

**Ingot Lockable Socket Outlets**

655 13A Ingot 1 Gang DP Key Lockable Socket With Neon

675

**Lockable Socket Outlets**

675 13A 1 Gang DP Key Lockable Socket With Neon

Two keys provided (Spare keys available: SP660).

**Standards: 655 675:** BS EN 60669-1 BS 1363-2 **660:** BS EN 60669-1
**Back Box Depth (mm):** 35 **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm): 1 Gang:** 88 (W) x 88 (H) x 8 (D) **2 Gang:** 146 (W) x 88 (H) x 8 (D)

**Understanding the code:** **Please note:** AB, BN & MB are only available with Black inserts. SC & SS Ingot are available with Grey Inserts
**VP** - Plate Style **BN** - Plate Finish **011** - Product No. **BK** - Insert Colour
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **MB** Matt Black (Ingot Only), **BN** Black Nickel, **SS** Stainless Steel, **PN** Pearl Nickel.

024

100

Click® dual voltage shaver outlets incorporate a double wound isolating transformer rated 20Va at 230V or 115V and meets BS EN 61558-2-5:2010 making it safe for use in bathrooms. Shaver outlet is not continuously rated and therefore not suitable for use as a permanent charging outlet.

**20A DP Sink / Bath Switch**

024 20A DP Sink / Bath Switch With Neon

**Dual Voltage Shaver Socket Outlet**

100 115 / 230V Dual Voltage Shaver Socket

060

061

**Blank Plates**

060 1 Gang Blank Plate
061 2 Gang Blank Plate

**Standards: 024:** BS EN 60669-1 **100:** BS EN IEC 61558-1 BS EN 61558-2-5
**Back Box Depth (mm): 024:** 25 **100:** 47 **Cable Size (mm²): 024:** 3 x 2.5 **100:** 2 x 1.5 or 1 x 2.5
**Dimensions (mm): 1 Gang:** 88 (W) x 88 (H) x 8 (D) **2 Gang:** 146 (W) x 88 (H) x 8 (D) **100:** 88 (W) x 146 (H) x 8 (D)

**Understanding the code:** **Please note:** AB, BN & MB are only available with Black inserts. SC & SS Ingot are available with Grey Inserts
**VP** - Plate Style **BN** - Plate Finish **011** - Product No. **BK** - Insert Colour
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **MB** Matt Black (Ingot Only), **BN** Black Nickel, **SS** Stainless Steel, **PN** Pearl Nickel.

# TV & Telephone Sockets

The following pages contain details of Deco® products designed to deal with handling media transfer through telephone, computer, TV or radio.

As well as the finished products please also find details of unfurnished mounting plates designed to accept custom selections of New Media™ modules from the New Media™ section of this catalogue.

120 | 125

121 | 126

Twin outlets are 2 separate sockets and not internally linked together.

**RJ11 Telephone Outlet**

115 Single RJ11 (Irish / US) Outlet

**Telephone Outlets**

120 Single Telephone Outlet - Master

121 Twin Telephone Outlet - Master

125 Single Telephone Outlet - Secondary

126 Twin Telephone Outlet - Secondary

**Back Box Depth (mm):** 16 **115:** 35
**Termination Type:** IDC **115:** Screw
**Dimensions (mm):** 88 (W) x 88 (H) x 8 (D)

**Understanding the code:** **Please note:** AB, BN & MB are only available with Black inserts. SC & SS Ingot are available with Grey Inserts
**VP** - Plate Style **BN** - Plate Finish **011** - Product No. **BK** - Insert Colour
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **MB** Matt Black (Ingot Only),
**BN** Black Nickel, **SS** Stainless Steel, **PN** Pearl Nickel.

065 | 158

066 | 159

156

157 | 170

**Non-isolated Coaxial Outlets (Unshielded)**

065 Single Coaxial Outlet
066 Twin Coaxial Outlet

**Isolated Coaxial Outlets (Unshielded)**

158 Single Isolated Coaxial Outlet
159 Twin Isolated Coaxial Outlet

**Satellite Outlets (Unshielded)**

156 Non-isolated Single Satellite Outlet
157 Isolated Satellite & Isolated Coaxial Outlet
170 Non-isolated Satellite & Non-isolated Coaxial Outlet

Isolated outlets will filter out any interference, if a 2 way signal is required, i.e. for use with satellite hard wire extensions, then a non-isolated outlet is required.

**Back Box Depth (mm):** 16
**Dimensions (mm):** 88 (W) x 88 (H) x 8 (D)

**Understanding the code:** **Please note:** AB, BN & MB are only available with Black inserts. SC & SS Ingot are available with Grey Inserts
**VP** - Plate Style **BN** - Plate Finish **011** - Product No. **BK** - Insert Colour
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **MB** Matt Black (Ingot Only),
**BN** Black Nickel, **SS** Stainless Steel, **PN** Pearl Nickel.

MP603

Selecting from a range of module inserts covering all manner of media transfer, the installer will now be able to configure their own arrangement of TV, radio or satellite reception, plus speaker, telephone and data outlets. All modules can be inserted into single or double wall plates, fitted onto standard switch and socket boxes.

MP606

**Half New Media Semi-Modular Part Furnished Plate**

MP603 Half New Media Part Furnished Front Plate - 2 X 13A DP Switched Sockets & 3 Apertures

Available in Chrome (CH), Satin Chrome (SC) Satin Brass (SB) and Polar White (PW). Requires MP520 flush back box.

**2 Tier Semi-Modular Unfurnished Plates**

MP606 Large New Media™ Part Furnished Front Plate - 4 x 13A DP Switched Sockets & 2 x 3 Apertures

Available in Chrome (CH), Satin Chrome (SC) and Polar White (PW). / MP525 or MP535 flush back box.

310

311

312

new media™

See our dedicated New Media™ section for more information on the range of New Media™ modules available.
For the complete range of semi-modular unfurnished plates see page L7.

**Unfurnished Plates - New Media™**

310 1 Gang New Media™ Unfurnished Plate - 1 Aperture
311 1 Gang New Media™ Unfurnished Plate - 2 Apertures
312 2 Gang New Media™ Unfurnished Plate - 4 Apertures

**Standards:** BS 5733 **603 606:** BS 1363-2
**Back Box Depth (mm):** Dependent On Modules Fitted **Cable Size (mm²): 603 606:** 3 x 2.5 or 2 x 4
**Dimensions (mm): 1 Gang:** 88 (W) x 88 (H) x 8 (D) **2 Gang:** 146 (W) x 88 (H) x 8 (D) **603:** 250 (W) x 86 (H) x 8 (D) **606:** 250 (W) x 216 (H) x 8 (D)

**Understanding the code:**
**VP** - Plate Style **BN** - Plate Finish **011** - Product No.
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **MB** Matt Black (Ingot Only), **BN** Black Nickel, **SS** Stainless Steel, **PN** Pearl Nickel.

WA093

WA095

WA370

WA571

WA572

SP650

SP675

**Galvanised Steel Back Boxes**

WA093 1 Gang 25mm Deep Galvanised Steel K.O. Box
WA094 2 Gang 25mm Deep Galvanised Steel K.O. Box
WA095 1 Gang 35mm Deep Galvanised Steel K.O. Box
WA096 2 Gang 35mm Deep Galvanised Steel K.O. Box
WA097 1 Gang 47mm Deep Galvanised Steel K.O. Box
WA370 1 + 1 35mm Deep Dual Accessory Box (Deco® Range Only)
WA375 1 + 2 35mm Deep Dual Accessory Box (Deco® Range Only)
WA571 1 Gang 25mm Deep Architrave Galvanised Steel K.O. Box (Deco® Range Only)
WA572 2 Gang 25mm Deep Architrave Galvanised Steel K.O. Box (Deco® Range Only)

**Longer Fixing Screws**

SP650 Standard M3.5 Dia. 50mm Long Screws (Bag 100)
SP675 Standard M3.5 Dia. 75mm Long Screws (Bag 100)
SP625 Standard M3.5 Security Screw 25mm Long (Bag 100)
**Require 2mm security allen key / driver.**

essentials™

For the complete range of back boxes see Essentials™ page N4.
For the complete range of longer fixing screws see Essentials™ page N9.

**Understanding the code:**
Screws available in **BR** Brass, **CH** Chrome, **MB** Matt Black and **BN** Black Nickel finishes.
Suffix code with preferred finish. Chrome finish may be used with white plate accessories

WA4247

### FlameGuard® Dry Lining Boxes

| | |
|---|---|
| WA4135 | 1 Gang 35mm Deep FlameGuard® Dry Lining Box |
| WA4147 | 1 Gang 47mm Deep FlameGuard® Dry Lining Box |
| WA4235 | 2 Gang 35mm Deep FlameGuard® Dry Lining Box |
| WA4247 | 2 Gang 47mm Deep FlameGuard® Dry Lining Box |

### Dry Lining Boxes (Sprung Fixing Lugs)

| | |
|---|---|
| WA087SF | 1 Gang 35mm Deep Dry Lining Box |
| WA088SF | 2 Gang 35mm Deep Dry Lining Box |
| WA106SF | 1 Gang 47mm Deep Dry Lining Box |
| WA107SF | 2 Gang 47mm Deep Dry Lining Box |

WA106P

### Dry Lining Boxes

| | |
|---|---|
| WA087P | 1 Gang 35mm Deep Dry Lining Box |
| WA088P | 2 Gang 35mm Deep Dry Lining Box |
| WA106P | 1 Gang 47mm Deep Dry Lining Box |
| WA107P | 2 Gang 47mm Deep Dry Lining Box |
| WA108P | Round Ceiling 34mm Deep Dry Lining Box |

WA107P

### Spacer Gaskets

| | |
|---|---|
| VP095BK | 1 Gang 10mm Spacer Gasket - Black |
| VP095GY | 1 Gang 10mm Spacer Gasket - Grey |
| VP095WH | 1 Gang 10mm Spacer Gasket - White |
| VP096BK | 2 Gang 10mm Spacer Gasket - Black |
| VP096GY | 2 Gang 10mm Spacer Gasket - Grey |
| VP096WH | 2 Gang 10mm Spacer Gasket - White |

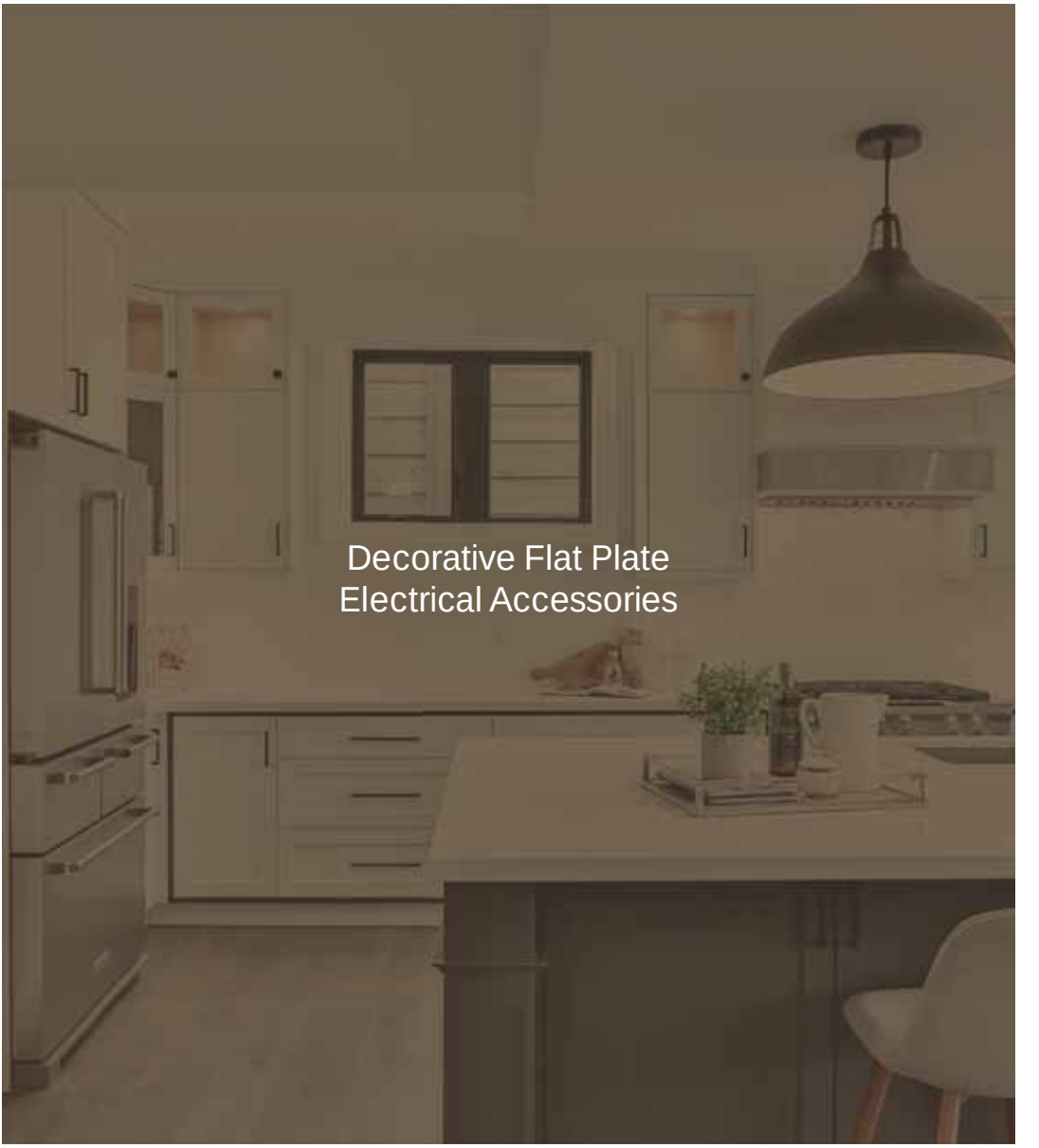
### Deco® Gaskets

| | |
|---|---|
| SP011 | 1 Gang Deco® Gasket - Black |
| SP012 | 2 Gang Deco® Gasket - Black |
| SP013 | 1 Gang Deco® Gasket - White |
| SP014 | 2 Gang Deco® Gasket - White |
| SP021 | 1 Gang Deco® Gasket - Grey |
| SP022 | 2 Gang Deco® Gasket - Grey |

essentials™

For the complete range of back boxes see Essentials™ page N4.

FlameGuard® back boxes have been tested and conform to both fire and acoustic BS EN standards. Fire: BS EN 1364-1 Acoustic: BS EN ISO 140-2. Complies with Building Regulations Fire tested up to 90 minutes with the cabability of the boxes being mounted back to back.



# Decorative Flat Plate Electrical Accessories

define®

# define®

## Decorative Flat Plate Electrical Accessories in Various Plate Finishes

Conventional plate accessory design with a standard 6mm return on the plate depth, limits the design opportunities in many installations by virtue of the fact that the plate becomes the feature instead of complementing the features of the decoration in a room.

The Define® flat plate range of accessories offers up a host of new design opportunities with a comprehensive range of electrical accessory products available in 5 different decorative plate finishes. Define® plates are coated stainless steel.

The comprehensive range of products includes plate switches of different construction, including traditional 'dolly' style, contemporary self coloured Ingot switches and, of course, rotary dimmer switches. The modular construction of the standard moulded Click® range of switches has been incorporated into the Define® range.

When used in conjunction with the MiniGrid® range of blank mounting plates, customised switching solutions can easily be created with a wide selection of module options.

Amongst the socket range can be found standard switched 13A sockets plus 2A and 5A round pin sockets for dedicated lighting circuits etc...

Different configurations of fused connection units and control switches, with 45A switches and assorted data and media accessories all contribute to an exciting and aesthetically pleasing wiring solution offered by the high quality Define® product group.

20 YR WARRANTY

## 20 Year Warranty

All Define® **products are** covered by our 20 year warranty against any fault in materials or manufacture experienced at any time within 20 years of the date of supply.

Black Nickel (BN) | Brushed Stainless* (BS) | Pearl Nickel (PN)

Polished Chrome (CH) | Stainless Steel (SS)

All Define® **products are available** with Black or White Inserts, excluding Black Nickel finishes which are supplied with Black Insert.

Every Define® **product featured** in the pages of this brochure is available in 5 distinctive quality finishes: Polished Chrome, Stainless Steel, Brushed Stainless*, Pearl Nickel and Black Nickel

## Define® unique **product codes**

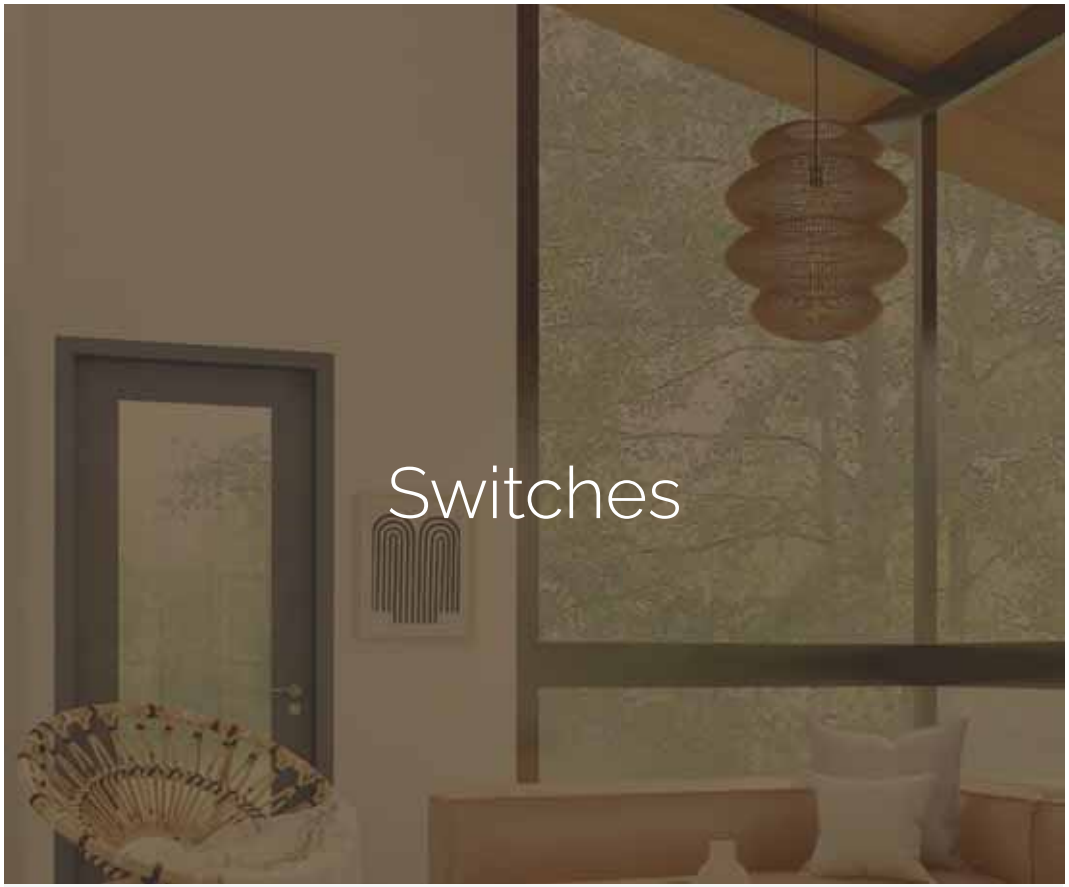
When ordering any Define® products, please specify the required finish by following the simple code structure as demonstrated here.

| FP | BN | 411 | BK |
|---|---|---|---|
| Plate Style | **Product** Finish | **Product** Number | Insert Colour |

## Contents


| | |
|---|---|
| Switches | **E5** |
| Power Socket Outlets | **E11** |
| Fused Connection Units | **E13** |
| Control Switches | **E14** |
| Socket & Blank Plates | **E17** |
| Telephone Outlets | **E20** |
| TV & Satellite | **E21** |
| New Media™ Plates | **E22** |
| Galvanised Boxes | **E23** |
| Dry Lining Boxes | **E24** |


*UK Design Registration 3015621.



# Switches

MINIGRID®

Please see page K18 for a selection of MiniGrid® modules.

The standard switch modules used in the Define® product are self coloured Ingot style switches which feature single screw fixing to the face plate.

Design flexibility is enhanced by availability of multi-function and fully interchangeable modules from the MiniGrid® range.

These non-furnished 1 & 2 gang plates offer the installer unprecedented flexibility in creating customised switch arrangements. A simple single screw fixing secures the required modules in position. A host of switching options can be achieved by selecting from our range of interchangeable modules.

411

412

413

414

416

MINIGRID®

For interchangeable MiniGrid® modules - see page K18.

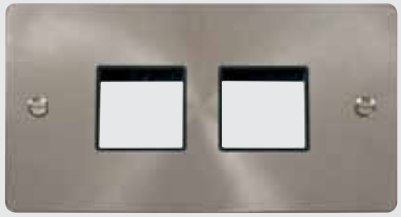
Ingot Plates Switches - MiniGrid®

| | |
|---|---|
| 411 | 10AX Ingot 1 Gang 2 Way Plate Switch |
| 412 | 10AX Ingot 2 Gang 2 Way Plate Switch |
| 413 | 10AX Ingot 3 Gang 2 Way Plate Switch |
| 414 | 10AX Ingot 4 Gang 2 Way Plate Switch |
| 416 | 10AX Ingot 6 Gang 2 Way Plate Switch |
| 425 | 10AX Ingot 1 Gang Intermediate Plate Switch |

**Standards:** BS EN 60669-1
**Back Box Depth (mm):** 25 **Cable Size (mm²):** 4 x 1.5 or 2 x 2.5
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 1.3 (D) **2 Gang:** 146 (W) x 88 (H) x 1.3 (D)

**Understanding the code:**
**FP** - Plate Style **BN** - Plate Finish **411** - Product No. **BK** - Insert Colour.
**BS** Brushed Stainless, **BN** Black Nickel, **PN** Pearl Nickel, **CH** Polished Chrome and **SS** Stainless Steel

401


404

402

406

403

426

MINIGRID®

For MiniGrid® modules - see page K18.

## Unfurnished Plates - MiniGrid®

401 1 Gang MiniGrid® Unfurnished Plate - 1 Aperture
402 1 Gang MiniGrid® Unfurnished Plate - 2 Apertures
403 1 Gang MiniGrid® Unfurnished Plate - 3 Apertures
404 2 Gang MiniGrid® Unfurnished Plate - 2 x 2 Apertures
406 2 Gang MiniGrid® Unfurnished Plate - 2 x 3 Apertures
426 2 Gang MiniGrid® Unfurnished Plate - 6 In-Line Apertures

**Standards:** BS 5733
**Back Box Depth (mm):** Dependent On Modules Fitted
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 1.3 (D) **2 Gang:** 146 (W) x 88 (H) x 1.3 (D)

**Understanding the code:**
**FP** - Plate Style **BN** - Plate Finish **411** - Product No. **BK** - Insert Colour.
**BS** Brushed Stainless, **BN** Black Nickel, **PN** Pearl Nickel, **CH** Polished Chrome and **SS** Stainless Steel

161

163

164

## Dimmer Switches (Trailing Edge)

161 1 Gang 2 Way 100W Dimmer Switch
162 2 Gang 2 Way 100W Dimmer Switch
163 3 Gang 2 Way 100W Dimmer Switch
164 4 Gang 2 Way 100W Dimmer Switch

**Standards:** BS EN 60669-1 BS EN 60669-2-1 BS EN 55015 BS EN 61000-3-2
**Type:** Trailing Edge
**Back Box Depth (mm):** 35 **Cable Size (mm²):** 2 x 1.5
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 1.3 (D) **2 Gang:** 146 (W) x 88 (H) x 1.3 (D)

**Understanding the code:**
**FP** - Plate Style **BN** - Plate Finish **411** - Product No. **Please note:** Supplied with both black & white gaskets (**BN** supplied with black gaskets only).
**BS** Brushed Stainless, **BN** Black Nickel, **PN** Pearl Nickel, **CH** Polished Chrome and **SS** Stainless Steel

### Dimmer Modules

MD9001 6A 2 Way Push On/Off (Non-Dimming) Module (25 x 62mm)
MD9010 1-10V Analogue Dimmer Module (25 x 62mm)
MD9014 100W Dual Mode Dimmer Module with Trim (26.5 x 55mm)

### Dimmer M10 Nut Runner

SP900 Dimmer M10 Nut Runner Tool

Use the nut runner to easily exchange dimmer modules and create customised dimmer switch plate

SP900

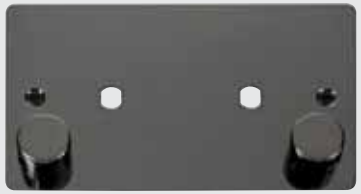
MD9014

140PL

152PL

153PL

185


186

Dimmer Modules supplied separately

### Dimmer Mounting Unfurnished Plates

140PL 1 Gang Dimmer Plate & Knob (650W Max) - 1 Aperture
152PL 2 Gang Dimmer Plate & Knobs (800W Max) - 2 Apertures
153PL 3 Gang Dimmer Plate & Knobs (1200W Max) - 3 Apertures
154PL 4 Gang Dimmer Plate & Knobs (1600W Max) - 4 Apertures
185 2 Gang Dimmer Plate & Knob (1000W Max) - 1 Aperture
186 2 Gang Dimmer Plate & Knobs (1630W Max) - 2 Apertures

**Standards:** BS 5733
**Back Box Depth (mm):** 35
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 1.3 (D) **2 Gang:** 146 (W) x 88 (H) x 1.3 (D)

**Understanding the code:**
**FP** - Plate Style **BN** - Plate Finish **411** - Product No. **Please note:** Supplied with both black & white gaskets (**BN** supplied with black gaskets only).
**BS** Brushed Stainless, **BN** Black Nickel, **PN** Pearl Nickel, **CH** Polished Chrome and **SS** Stainless Steel

421

422

MD9125

423

424

Brushed Stainless & Stainless Steel plate finishes require the use of a Pearl Nickel (PN) Toggle Switch Module.

### Toggle Switches

421 10AX 1 Gang 2 Way Toggle Switch
422 10AX 2 Gang 2 Way Toggle Switch
423 10AX 3 Gang 2 Way Toggle Switch
424 10AX 4 Gang 2 Way Toggle Switch

### 10AX Intermediate Toggle Switch Modules

MD9125BN Intermediate Toggle Switch Module - Black Nickel
MD9125CH Intermediate Toggle Switch Module - Polished Chrome
MD9125PN Intermediate Toggle Switch Module - Pearl Nickel
Not interchangeable with dimmers or other MiniGrid® modules.

**Standards:** BS EN 60669-1
**Back Box Depth (mm):** 35 **Cable Size (mm²):** 4 x 1.5 or 2 x 2.5
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 1.3 (D) **2 Gang:** 146 (W) x 88 (H) x 1.3 (D)

**Understanding the code:**
**FP** - Plate Style **BN** - Plate Finish **411** - Product No. **Please note:** Supplied with both black & white gaskets (**BN** supplied with black gaskets only).
**BS** Brushed Stainless, **BN** Black Nickel, **PN** Pearl Nickel, **CH** Polished Chrome and **SS** Stainless Steel

# Power Socket Outlets, Fused Connection Units & Control Switches

With the ever increasing demand for power supplies in all areas of the home comes the problem of selecting and fitting outlets which blend harmoniously with the décor of the room in which they are to be fitted.

The 5 different Define® plate finishes offer a solution for almost every possible design need and will enhance the décor of any area whether in a kitchen, bedroom, lounge or study etc...

535

536

### Ingot Switched Socket Outlets

535 13A Ingot 1 Gang DP Switched Socket
536 13A Ingot 2 Gang DP Switched Socket (Twin Earth)

1535

1536

Safety Shuttered Sockets listed below are only available for sale in the Republic of Ireland.

1836

### Ingot Switched Safety Shutter Socket Outlets

1535 13A Ingot 1 Gang DP Switched Socket Outlet
1536 13A Ingot 2 Gang DP Switched Socket Outlet (Twin Earth)
1836 13A Ingot 2 Gang DP Outboard Switched Socket Outlet (Twin Earth)

**Standards:** BS 1363-2
**Cable Size (mm²):** 3 x 2.5 or 2 x 4 **Back Box Depth (mm):** 35
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 1.3 (D) **2 Gang:** 146 (W) x 88 (H) x 1.3 (D)

**Understanding the code:**
**FP** - Plate Style **BN** - Plate Finish **411** - Product No. **BK** - Insert Colour.
**BS** Brushed Stainless, **BN** Black Nickel, **PN** Pearl Nickel, **CH** Polished Chrome and **SS** Stainless Steel

### Round Pin Socket Outlets

038 5A Round Pin Socket
039 2A Round Pin Socket

038

039

### Ingot Lockable Socket Outlets

655 13A Ingot 1 Gang DP Key Lockable Socket With Neon

Two keys provided (Spare keys available: SP660)

655

571U

570

580

586

### Ingot Switched Sockets With USB Outlet

571U 13A Ingot 1 Gang Switched Socket With 2.1A USB Outlet (Twin Earth)
570 13A Ingot 2 Gang Switched Sockets With 2.1A USB Outlet (Twin Earth)
580 13A Ingot 2 Gang Switched Socket With Twin 2.1A USB Outlets (4.2A) (Twin Earth)
585 13A Ingot 1 Gang Switched Socket Outlet With Type A & C USB (4A) Outlets (Twin Earth)
586 13A Ingot 2 Gang Switched Socket Outlet With Type A & C USB (4.2A) Outlets (Twin Earth)

**Standards: 038 039:** BS 546 **655:** BS EN 60669-1 BS 1363-2
**570 571U 580 585 586:** BS 1363-2: 2016 +A1: 2018 BS EN IEC 62368-1 BS EN 62680-1-1
**Cable Size (mm²): 038:** 4 x 1.5 or 3 x 2.5 **039:** 3 x 1.5 **570 571U 580 585 586 655:** 3 x 2.5 or 2 x 4
**Back Box Depth (mm): 038 039:** 25 **570 571U 580 585 586:** 35 **655:** 47
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 1.3 (D) **2 Gang:** 146 (W) x 88 (H) x 1.3 (D)

**Understanding the code:**
**FP** - Plate Style **BN** - Plate Finish **411** - Product No. **BK** - Insert Colour.
**BS** Brushed Stainless, **BN** Black Nickel, **PN** Pearl Nickel, **CH** Polished Chrome and **SS** Stainless Steel

550

551

552

553

### Ingot Fused Connection Units With Optional Flex Outlet

550 13A Ingot Fused Connection Unit
551 13A Ingot DP Switched Fused Connection Unit
552 13A Ingot DP Switched Fused Connection Unit With Neon
553 13A Ingot Fused Connection Unit With Neon

750

751

752

753

### Ingot Fused Connection Units Without Flex Outlet

750 13A Ingot Fused Connection Unit
751 13A Ingot DP Switched Fused Connection Unit
752 13A Ingot DP Switched Fused Connection Unit With Neon
753 13A Ingot Fused Connection Unit With Neon

**Standards:** BS 1363-4 BS 1362
**Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Back Box Depth (mm):** 35
**Dimensions (mm):** 86 (W) x 86 (H) x 1.3 (D)

**Understanding the code:**
**FP** - Plate Style **BN** - Plate Finish **411** - Product No. **BK** - Insert Colour.
**BS** Brushed Stainless, **BN** Black Nickel, **PN** Pearl Nickel, **CH** Polished Chrome and **SS** Stainless Steel

200



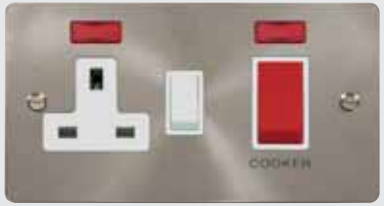
201



204

202

203



205

### 45A Switches And Socket Outlets

200 45A 1 Gang DP Switch
201 45A 1 Gang DP Switch With Neon

202 45A 2 Gang DP Switch
203 45A 2 Gang DP Switch With Neon

204 45A 2 Gang DP Switch With 13A DP Switched Socket
205 45A 2 Gang DP Switch With 13A DP Switched Socket & Neons

**Standards: 200 201 202 203:** BS EN 60669-1 **204 205:** BS 4177
**Back Box Depth (mm):** 47 **Cable Size (mm²):** 1 x 16
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 1.3 (D) **2 Gang:** 146 (W) x 88 (H) x 1.3 (D) **202 203:** 88 (W) x 146 (H) x 1.3 (D)

**Understanding the code:**
**FP** - Plate Style **BN** - Plate Finish **411** - Product No. **BK** - Insert Colour.
**BS** Brushed Stainless, **BN** Black Nickel, **PN** Pearl Nickel, **CH** Polished Chrome and **SS** Stainless Steel

500



501



504

502

503

505

### Ingot 45A Switches And Socket Outlets

500 45A Ingot 1 Gang DP Switch
501 45A Ingot 1 Gang DP Switch With Neon

502 45A Ingot 2 Gang DP Switch
503 45A Ingot 2 Gang DP Switch With Neon

504 45A Ingot 2 Gang DP Switch With 13A DP Switched Socket
505 45A Ingot 2 Gang DP Switch With 13A DP Switched Socket & Neons

**Standards: 500 501 502 503:** BS EN 60669-1 **504 505:** BS 4177
**Back Box Depth (mm):** 47 **Cable Size (mm²):** 1 x 16
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 1.3 (D) **2 Gang:** 146 (W) x 88 (H) x 1.3 (D) **502 503:** 88 (W) x 146 (H) x 1.3 (D)

**Understanding the code:**
**FP** - Plate Style **BN** - Plate Finish **411** - Product No. **BK** - Insert Colour.
**BS** Brushed Stainless, **BN** Black Nickel, **PN** Pearl Nickel, **CH** Polished Chrome and **SS** Stainless Steel

520

660

### Ingot Fan Isolation Switch

520 10A Ingot 3 Pole Fan Isolation Plate Switch
This product is not modular

### Lockable Switches

660 20A Double Pole Key Lockable Switch
Two keys provided (Spare keys available: SP660)

522

523

722

723

### Ingot 20A Control Switches With Optional Flex Outlet

522 20A Ingot DP Switch
523 20A Ingot DP Switch With Neon

### Ingot 20A Control Switches Without Flex Outlet

722 20A Ingot DP Switch
723 20A Ingot DP Switch With Neon
3 pole and 20A DP switches are non-modular

**Standards:** BS EN 60669-1 **520:** BS EN 60669-2-4 **Back Box Depth (mm):** 35 **520:** 25 **660:** 47
**Cable Size (mm²):** **520:** 4 x 1.5 or 2 x 2.5 **522 523 722 723:** 3 x 2.5 **660:** 3 x 2.5 or 2 x 4
**Dimensions (mm):** 86 (W) x 86 (H) x 1.3 (D)

**Understanding the code:**
**FP** - Plate Style **BN** - Plate Finish **411** - Product No. **BK** - Insert Colour.
**BS** Brushed Stainless, **BN** Black Nickel, **PN** Pearl Nickel, **CH** Polished Chrome and **SS** Stainless Steel

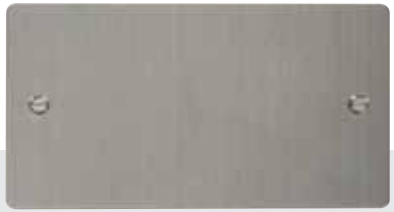
100

### Dual Voltage Shaver Socket Outlet

100 115/230V Dual Voltage Shaver Socket

Click® dual voltage shaver outlets incorporate a double wound isolating transformer rated 20Va at 230V or 115V and meets BS EN 61558-2-5:2010 making it safe for use in bath-rooms. Shaver outlet is not continuously rated and therefore not suitable for use as a permanent charging outlet.

060



061

### Blank Plates

060 1 Gang Blank Plate
061 2 Gang Blank Plate

**Standards:** **060 061:** BS 5733 **100:** BS EN IEC 61558-1 BS EN 61558-2-5
**Back Box Depth (mm):** **060:** 16 **061:** 25 **100:** 47 **Cable Size (mm²):** **100:** 2 x 1.5 or 1 x 2.5
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 1.3 (D) **2 Gang:** 146 (W) x 88 (H) x 1.3 (D) **100:** 88 (W) x 146 (H) x 1.3 (D)

**Understanding the code:**

**FP** - Plate Style **BN** - Plate Finish **411** - Product No. **BK** - Insert Colour.
**BS** Brushed Stainless, **BN** Black Nickel, **PN** Pearl Nickel, **CH** Polished Chrome and **SS** Stainless Steel

# TV & Telephone Sockets

The following pages contain details of Define® products designed to deal with handling data and media transfer through telephone, computer, TV or radio.

As well as the finished products please also find details of unfurnished mounting plates designed to accept custom selections of New Media™ modules from the New Media™ section of this catalogue.

### RJ11 Telephone Outlet

115 Single RJ11 (Irish/US) Outlet

120 / 125

121 / 126

Twin outlets are 2 separate sockets and not internally linked together.

### Telephone Outlets

| | | | |
|---|---|---|---|
| 120 | Single Telephone Outlet - Master | 125 | Single Telephone Outlet - Secondary |
| 121 | Twin Telephone Outlet - Master | 126 | Twin Telephone Outlet - Secondary |

**Back Box Depth (mm):** 25 **115:** 47
**Termination Type:** IDC **115:** Screw
**Dimensions (mm):** 86 (W) x 86 (H) x 1.3 (D)

**Understanding the code:**
**FP** - Plate Style **BN** - Plate Finish **411** - Product No. **BK** - Insert Colour.
**BS** Brushed Stainless, **BN** Black Nickel, **PN** Pearl Nickel, **CH** Polished Chrome and **SS** Stainless Steel

065

066

158

159

### Non-isolated Coaxial Outlets (Unshielded)

065 Single Coaxial Outlet
066 Twin Coaxial Outlet

### Isolated Coaxial Outlets (Unshielded)

158 Single Isolated Coaxial Outlet
159 Twin Isolated Coaxial Outlet

Isolated outlets will filter out any interference, if a 2 way signal is required, i.e. for use with satellite hard wire extensions, then a non-isolated outlet is requires.

156

157

### Satellite Outlets (Unshielded)

| | | | |
|---|---|---|---|
| 156 | Non-isolated Single Satellite Outlet | 157 | Isolated Satellite & Isolated Coaxial Outlet |

**Back Box Depth (mm):** 25 **065 066:** 16
**Dimensions (mm):** 86 (W) x 86 (H) x 1.3 (D)

**Understanding the code:**
**FP** - Plate Style **BN** - Plate Finish **411** - Product No. **BK** - Insert Colour.
**BS** Brushed Stainless, **BN** Black Nickel, **PN** Pearl Nickel, **CH** Polished Chrome and **SS** Stainless Steel

310

311

312

### Unfurnished Plates - New Media™

| | |
|---|---|
| 310 | 1 Gang New Media™ Unfurnished Plate - 1 Aperture |
| 311 | 1 Gang New Media™ Unfurnished Plate - 2 Apertures |
| 312 | 2 Gang New Media™ Unfurnished Plate - 4 Apertures |

**Standards:** BS 5733
**Back Box Depth (mm):** Dependent On Modules Fitted
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 1.3 (D) **2 Gang:** 146 (W) x 88 (H) x 1.3 (D)

**Understanding the code:**
**FP** - Plate Style **BS** - Plate Finish **310** - Product No.
**BS** Brushed Stainless, **BN** Black Nickel, **PN** Pearl Nickel, **CH** Polished Chrome and **SS** Stainless Steel

WA093 WA095

WA094

WA370

SP640

SP622

### Galvanised Steel Back Boxes

| | |
|---|---|
| WA093 | 1 Gang 25mm Deep Galvanised Steel K.O. Box |
| WA094 | 2 Gang 25mm Deep Galvanised Steel K.O. Box |
| WA095 | 1 Gang 35mm Deep Galvanised Steel K.O. Box |
| WA096 | 2 Gang 35mm Deep Galvanised Steel K.O. Box |
| WA097 | 1 Gang 47mm Deep Galvanised Steel K.O. Box |
| WA370 | 1 + 1 35mm Deep Dual Accessory Box (Deco® Range Only) |
| WA375 | 1 + 2 35mm Deep Dual Accessory Box (Deco® Range Only) |

### Security Screws

| | |
|---|---|
| SP622 | Define® M3.5 Security Screw 22mm Long (Bag 100) |

### Screws - 40mm Long

| | |
|---|---|
| SP640BN | Define® M3.5 Dia. 40mm Long Screws (Bag 100) |
| SP640CH | Define® M3.5 Dia. 40mm Long Screws (Bag 100) |

essentials™ For the complete range of back boxes see Essentials™ page N4.

**Understanding the code:**
Screws available in **BR** Brass, **CH** Chrome and **BN** Black Nickel finishes.
Suffix code with preferred finish

WA4247

### FlameGuard® Dry Lining Boxes

| | |
|---|---|
| WA4135 | 1 Gang 35mm Deep FlameGuard® Dry Lining Box |
| WA4147 | 1 Gang 47mm Deep FlameGuard® Dry Lining Box |
| WA4235 | 2 Gang 35mm Deep FlameGuard® Dry Lining Box |
| WA4247 | 2 Gang 47mm Deep FlameGuard® Dry Lining Box |

WA106P

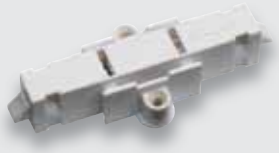
### Dry Lining Boxes (Sprung Fixing Lugs)

| | |
|---|---|
| WA087SF | 1 Gang 35mm Deep Dry Lining Box |
| WA088SF | 2 Gang 35mm Deep Dry Lining Box |
| WA106SF | 1 Gang 47mm Deep Dry Lining Box |
| WA107SF | 2 Gang 47mm Deep Dry Lining Box |

WA107P

### Dry Lining Boxes

| | |
|---|---|
| WA087P | 1 Gang 35mm Deep Dry Lining Box |
| WA088P | 2 Gang 35mm Deep Dry Lining Box |
| WA106P | 1 Gang 47mm Deep Dry Lining Box |
| WA107P | 2 Gang 47mm Deep Dry Lining Box |
| WA108P | Round Ceiling 34mm Deep Dry Lining Box |



GA100

### Ezylink' Dry Lining Boxes

GA100 'Ezylink' Dry Lining Box Connector

Suitable for use with WA087P, WA088P, WA106P & WA107P.

essentials™

For the complete range of back boxes see Essentials™ page N4.

FlameGuard® back boxes have been tested and conform to both fire and acoustic BS EN standards. Fire: BS EN 1364-1 Acoustic: BS EN ISO 140-2. Complies with Building Regulations Fire tested up to 90 minutes with the cabability of the boxes being mounted back to back.

# Screwless Wiring Accessories

## Complete

definity™ COMPLETE

definity™
COMPLETE

## The Screwless Range

The smooth, clean lines of Definity™ **Complete products** provide the ultimate finishing touch to a feature packed **range of decorative domestic electrical accessories.**

Definity™ **Complete has evolved from our well** established Define® flat plate accessory range and **features all of the same attributes including modular** switching but without the visible fixing screws.

Definity™ **Complete provides the installer with a complete all in one solution.**

Offering push-fit cover plates in 8 assorted finishes and **comprehensive range of electrical inserts, with both compatible cover plate and insert supplied within a single package.**

The flexibility of Definity™ **Complete is further enhanced with the range of cover plates and electrical inserts also** being available independently of each other.

20 YR WARRANTY

# 20 Year Warranty

All Definity™ **Complete products** are covered by our 20 year warranty against any fault in materials or manufacture experienced at any time within 20 years of the date of supply.

Each Definity™ **Complete product comprises an insert and a decorative cover plate.**

**Inserts are available in** Black, White and Grey, *(Grey is available in BS & SS Ingot only).*

**Plates are available in 8** different finishes.

PW & BK finishes **are produced from** polycarbonate. All other finishes are **coated stainless steel**

## Definity™ **Complete** unique product codes

**When ordering from this catalogue, please** specify a unique product code as shown.

For example, if you wish to order a 2 gang **13A switched socket in stainless steel with a** black switch and insert, the unique product **code for the insert will be SFSS536BK.**

**For additional cover plate and insert options** see the Definity™ **Components section from page F33**

| SF | SS | 536 | BK |
|---|---|---|---|
| Prefix | Product Finish | Product Number | Insert Colour |

## Contents


| | |
|---|---|
| Switches | **F6** |
| Power Socket Outlets | **F14** |
| Fused Connection Units | **F18** |
| 50A Switches | **F22** |
| Control Switches | **F24** |
| Socket & Blank Plates | **F27** |
| Satellite & Coaxial Outlets | **F29** |
| Telephone Outlets | **F30** |


*UK Design Registration 3015621.

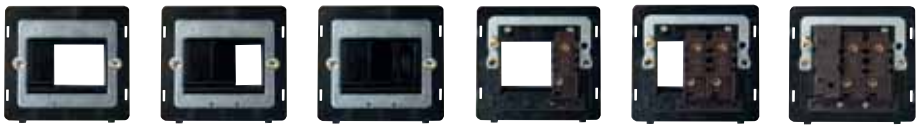
# Switches

Please see page K18 for a selection of MiniGrid® modules.

MINIGRID®

The rotary dimmer switches are interchangeable with the use of our M10 nut runner tool. There are a host of alternative dimmer modules and plates available, see page K37.

Traditional toggle switches are also listed with an intermediate single switch plate option. The 2 way toggle switch is interchangeable with the intermediate toggle module.



Simple, single screw or snap fit installation of the modules on the mounting plates has encouraged contractors to devise and install customised switching solutions on-site.

The range of Definity™ Complete modular switches comprises of both moulded black or white switches as well as metallic finished 'Ingot' switches, which features a simple single screw fixing to the insert.

The modular MiniGrid® format is fitted as standard and is enhanced by the availability of multi-functional and fully interchangeable modules which also includes 'Ingot' finishes through the range.

The unfurnished single and double plates offer the installer unprecedented flexibility in creating customised wiring solutions.

Definity™ Complete plates are coated stainless steel, available in the following finishes: Antique Brass **(AB),** Brushed Stainless **(BS)**, Polished Chrome **(CH)**, Stainless Steel **(SS)**, Metal White **(MW)** & Metal Black **(MB)**.

White **(PW)** & Matt Black **(BK)** are also available, produced from polycarbonate.

**UNDERSTANDING THE CODE:**

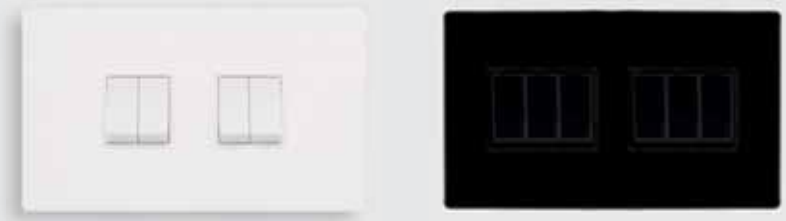
**SF** - Prefix **SS** - Plate Finish **425** - Product No **BK** - Insert Colour

**Plate Finishes**: **PW** White, **MW** Metal White, **BK** Matt Black, **MB** Metal Black.
**Ingot Plate Finishes: AB** Antique Brass, **BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel.

**Insert Colour: PW** White, **BK** Black, **GY** Grey.
*non ingot only available with matching insert colour (ie MB finish has BK insert).*
*Grey inserts not available with Chrome finishes.*

*Matt Black and Metal Black plates are supplied with black inserts and moulded black (BK) switches.*

011 | 025 012 013



019 105

Matt Black and Metal Black plates are supplied with black inserts and moulded black (BK) switches.

**Plates Switches - MiniGrid®**

025 10AX 1 Gang Intermediate Plate Switch

**2 Way Switches**

011 10AX 1 Gang 2 Way Plate Switch
012 10AX 2 Gang 2 Way Plate Switch
013 10AX 3 Gang 2 Way Plate Switch
019 10AX 4 Gang 2 Way Plate Switch
105 10AX 6 Gang 2 Way Plate Switch

**Standards:** BS EN 60669-1
**Back Box Depth (mm):** 25 **Cable Size (mm²):** 4 x 1.5 or 2 x 2.5
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 4 (D) **2 Gang:** 146 (W) x 86 (H) x 4 (D)

**Understanding the code:** **SF** - Prefix **BK** - Plate Finish **025** - Product No **BK** - Insert Colour
Plate Finishes: **PW** White, **MW** Metal White, **BK** Matt Black, **MB** Metal Black.
Insert Colour: **PW** White, **BK** Black. *non ingot only available with matching insert colour (ie MB finish has BK insert).*

411 | 425 412 413

414 416

**Ingot Plates Switches - MiniGrid®**

425 10AX Ingot 1 Gang Intermediate Plate Switch

**2 Way Switches**

411 10AX Ingot 1 Gang 2 Way Plate Switch
412 10AX Ingot 2 Gang 2 Way Plate Switch
413 10AX Ingot 3 Gang 2 Way Plate Switch
414 10AX Ingot 4 Gang 2 Way Plate Switch
416 10AX Ingot 6 Gang 2 Way Plate Switch

**Standards:** BS EN 60669-1 **Back Box Depth (mm):** 25 **Cable Size (mm²):** 4 x 1.5 or 2 x 2.5
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 4 (D) **2 Gang:** 146 (W) x 86 (H) x 4 (D)

**Understanding the code:** **SF** - Prefix **SS** - Plate Finish **425** - Product No **BK** - Insert Colour
Ingot Plate Finishes: **AB** Antique Brass, **BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel
Insert Colour: White (**PW**) Black (**BK**) Grey (**GY**) *Grey is available in BS & SS Ingot only.*

### Dimmer Modules

MD9001 6A 2 Way Push On/Off (Non-Dimming) Module (25 x 62mm)
MD9010 1-10V Analogue Dimmer Module (25 x 62mm)
MD9014 100W Dual Mode Dimmer Module with Trim (26.5 x 55mm)

SP900 MD9014

### Dimmer M10 Nut Runner

SP900 Dimmer M10 Nut Runner Tool

Use the nut runner to easily exchange dimmer modules and create customised dimmer switch plate

140, 141

143

142

144

### Rotary Dimmer Mounting Plates

141PL 1 Gang Dimmer Plate & Knob (650W Max) - 1 Aperture
142PL 2 Gang Dimmer Plate & Knobs (800W Max) - 2 Apertures
143PL 2 Gang Dimmer Plate & Knobs (1200W Max) - 3 Apertures
144PL 2 Gang Dimmer Plate & Knobs (1600W Max) - 4 Apertures

The dimmer modules are supplied separately to the plates listed above.

**Standards:** BS 5733
**Back Box Depth (mm):** 35
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 4 (D) **2 Gang:** 146 (W) x 86 (H) x 4 (D)

**Understanding the code:** **SF** - Prefix **BK** - Plate Finish **141** - Product No **PL** - Plate
Plate Finishes: **AB** Antique Brass, **PW** White, **MW** Metal White, **BK** Matt Black, **MB** Metal Black, **BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel.





### Dimmer Modules

MD9001 6A 2 Way Push On/Off (Non-Dimming) Module (25 x 62mm)
MD9010 1-10V Analogue Dimmer Module (25 x 62mm)
MD9014 100W Dual Mode Dimmer Module with Trim (26.5 x 55mm)

SP900 MD9014

### Dimmer M10 Nut Runner

SP900 Dimmer M10 Nut Runner Tool

Use the nut runner to easily exchange dimmer modules and create customised dimmer switch plate

161

163

162

164

We recommend the use of branded LED lamps with all Definity™ Complete trailing edge dimmers. The use of inferior, non-branded lamps may require the nominal rating of the dimmer to be reduced. For further information please contact Click® Technical support team.

### Dimmer Switches (Trailing Edge)

161 1 Gang 2 Way 100W Dimmer Switch
162 2 Gang 2 Way 100W Dimmer Switch
163 3 Gang 2 Way 100W Dimmer Switch
164 4 Gang 2 Way 100W Dimmer Switch

**Standards:** BS EN 60669-1 BS EN 60669-2-1 BS EN 55015 BS EN 61000-3-2
**Back Box Depth (mm):** 35 **Cable Size (mm²):** 2 x 1.5 **Type:** Trailing Edge
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 4 (D) **2 Gang:** 146 (W) x 86 (H) x 4 (D)

**Understanding the code:** **SF** - Prefix **BK** - Plate Finish **161** - Product No
Plate Finishes: **AB** Antique Brass, **PW** White, **MW** Metal White, **BK** Matt Black, **MB** Metal Black, **BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel.

**10AX Intermediate Toggle Switch Modules**

MD9125 Intermediate Toggle Switch Module

| Plate Finish | Module Finish |
|---|---|
| Chrome | CH - Chrome |
| Stainless Steel & Brushed Stainless | PN - Pearl Nickel |
| Antique Brass | AB - Antique Brass |

MD9125

421

423

422

424

**2 Way Toggle Switches**

| | |
|---|---|
| 421 | 10AX 1 Gang 2 Way Toggle Switch |
| 422 | 10AX 2 Gang 2 Way Toggle Switch |
| 423 | 10AX 3 Gang 2 Way Toggle Switch |
| 424 | 10AX 4 Gang 2 Way Toggle Switch |

**Standards:** BS EN 60669-1 **Back Box Depth (mm):** 35 **Cable Size (mm²):** 4 x 1.5 or 2 x 2.5
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 4 (D) **2 Gang:** 146 (W) x 86 (H) x 4 (D)

**Understanding the code:**
**SF** - Prefix **SS** - Plate Finish **421** - Product No
Plate Finishes: **AB** Antique Brass, **BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel.

# Power Socket Outlets, Fused Connection Units & Control Switches

With the ever increasing demand for power supplies in all areas of the home comes the problem of selecting and fitting outlets which blend harmoniously with the décor of the room in which they are to be fitted.

The Definity™ Complete plate finishes offer a solution for almost every possible design need and will enhance the décor of any area whether in a kitchen, bedroom, lounge or study etc...

definity™
COMPLETE

630 035 036

### Socket Outlets

630 13A 1 Gang Socket Outlet (Twin Earth)
035 13A 1 Gang DP Switched Socket Outlet
036 13A 2 Gang DP Switched Socket (Twin Earth)

535 536

### Ingot Socket Outlets

535 13A Ingot 1 Gang DP Switched Socket Outlet
536 13A Ingot 2 Gang DP Switched Socket (Twin Earth)

**Standards:** BS 1363-2
**Back Box Depth (mm):** 35 **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 4 (D) **2 Gang:** 146 (W) x 86 (H) x 4 (D)

**Understanding the code:** **SF** - Prefix **SS** - Plate Finish **535** - Product No **BK** - Insert Colour
Plate Finishes: **PW** White, **MW** Metal White, **BK** Matt Black, **MB** Metal Black.
Ingot Plate Finishes: **AB** Antique Brass, **BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel.
Insert Colour: White (**PW**) Black (**BK**) Grey (**GY**)
*non ingot only available with matching insert colour (ie MB finish has BK insert). Grey inserts not available with Chrome finishes*



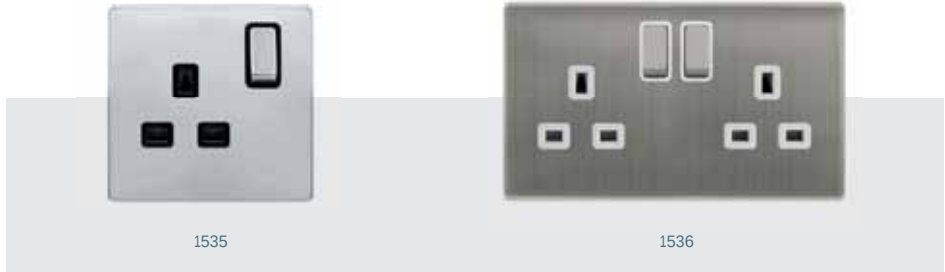


Sockets on this page are only available for sale in the Republic of Ireland.

1035 1840

### Safety Shutter Socket Outlets

1035 13A 1 Gang DP Switched Socket Outlet
1036 13A 2 Gang DP Switched Socket Outlet (Twin Earth)
1836 13A 2 Gang DP Switched Socket Outlet With Outboard Rockers (Twin Earth)
1840 13A 2 Gang DP Switched Socket Outlet With Outboard Rockers & Neons (Twin Earth)



1535 1536

### Ingot Safety Shutter Socket Outlets

1535 13A Ingot 1 Gang DP Switched Socket Outlet
1536 13A Ingot 2 Gang DP Switched Socket Outlet (Twin Earth)
1836 13A Ingot 2 Gang DP Switched Socket Outlet With Outboard Rockers (Twin Earth)

**Standards:** BS 1363-2
**Back Box Depth (mm): 35 Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 4 (D) **2 Gang:** 146 (W) x 86 (H) x 4 (D)

**Understanding the code:** **SF** - Prefix **SS** - Plate Finish **1535** - Product No **BK** - Insert Colour
Plate Finishes: **PW** White, **MW** Metal White, **BK** Matt Black, **MB** Metal Black.
Ingot Plate Finishes: **AB** Antique Brass, **BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel.
Insert Colour: White (**PW**) Black (**BK**) *non ingot only available with matching insert colour (ie MB finish has BK insert).*

771U

780

**Socket Outlets with USB Outlets**

771U 13A 1 Gang Switched Socket With 2.1A USB Outlet (Twin Earth)

780 13A 2 Gang Switched Socket With Twin 2.1A USB Outlets (4.2A) (Twin Earth)

571

580

**Ingot Socket Outlets with USB Outlets**

571 13A Ingot 1 Gang Switched Socket With 2.1A USB Outlet (Twin Earth)

580 13A Ingot 2 Gang Switched Socket With Twin 2.1A USB Outlets (4.2A) (Twin Earth)

**Standards:** BS 1363-2: 2016 +A1: 2018 BS EN IEC 62368-1 BS EN 62680-1-1
**Back Box Depth (mm):** 35 **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 4 (D) **2 Gang:** 146 (W) x 86 (H) x 4 (D)

**Understanding the code:** **SF** - Prefix **SS** - Plate Finish **571** - Product No **BK** - Insert Colour
Plate Finishes: **PW** White, **MW** Metal White, **BK** Matt Black, **MB** Metal Black.
Ingot Plate Finishes: **AB** Antique Brass, **BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel.
Insert Colour: White (**PW**) Black (**BK**) Grey (**GY**)
*non ingot only available with matching insert colour (ie MB finish has BK insert). Grey inserts not available with Chrome finishes*

785

585

586

**Socket Outlets with USB Outlets**

785 13A 1 Gang Switched Socket Outlet With Type A & C USB (4A) Outlets (Twin Earth)

786 13A 2 Gang Switched Socket Outlet With Type A & C USB (4.2A) Outlets (Twin Earth)

**Ingot Switched Socket Outlet With Twin USB Outlets**

585 13A Ingot 1 Gang Switched Socket Outlet With Type A & C USB (4A) Outlets (Twin Earth)

586 13A Ingot 2 Gang Switched Socket Outlet With Type A & C USB (4.2A) Outlets (Twin Earth)

660

655

**Lockable Switches**

660 20A Double Pole Key Lockable Switch

**Lockable Socket Outlets**

655 13A 1 Gang DP Key Lockable Socket With Neon

**Standards:** BS 1363-2: 2016 +A1: 2018 BS EN IEC 62368-1 BS EN 62680-1-1 **655:** BS EN 60669-1 BS 1363-2 **660:** BS EN 60669-1
**Back Box Depth (mm):** 35 **655 660:** 47 **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 4 (D) **2 Gang:** 146 (W) x 86 (H) x 4 (D)

**Understanding the code:** **SF** - Prefix **SS** - Plate Finish **586** - Product No **BK** - Insert Colour
Plate Finishes: **PW** White, **MW** Metal White, **BK** Matt Black, **MB** Metal Black.
Ingot Plate Finishes: **AB** Antique Brass, **BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel.
Insert Colour: White (**PW**) Black (**BK**) Grey (**GY**)
*non ingot only available with matching insert colour (ie MB finish has BK insert). Grey inserts not available with Chrome finishes*

**Fused Connection Units With Optional Flex Outlet**

050 13A Fused Connection Unit
051 13A Switched Fused Connection Unit
052 13A Switched Fused Connection Unit With Neon
053 13A Fused Connection Unit With Neon

**Fused Connection Units Without Flex Outlet**

650 13A Fused Connection Unit
651 13A Switched Fused Connection Unit
652 13A Switched Fused Connection Unit With Neon
653 13A Fused Connection Unit With Neon

**Standards:** BS 1363-4 BS 1362
**Back Box Depth (mm):** 35 **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** 86 (W) x 86 (H) x 4 (D)

**Understanding the code:** **SF** - Prefix **BK** - Plate Finish **053** - Product No **BK** - Insert Colour
Plate Finishes: **PW** White, **MW** Metal White, **BK** Matt Black, **MB** Metal Black.
Insert Colour: **PW** White, **BK** Black. *non ingot only available with matching insert colour (ie MB finish has BK insert).*

**Ingot Fused Connection Units With Optional Flex Outlet**

550 13A Ingot Fused Connection Unit
551 13A Ingot Switched Fused Connection Unit
552 13A Ingot Switched Fused Connection Unit With Neon
553 13A Ingot Fused Connection Unit With Neon

**Ingot Fused Connection Units Without Flex Outlet**

750 13A Ingot Fused Connection Unit
751 13A Ingot Switched Fused Connection Unit
752 13A Ingot Switched Fused Connection Unit With Neon
753 13A Ingot Fused Connection Unit With Neon

**Standards:** BS 1363-4 BS 1362
**Back Box Depth (mm):** 35 **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** **86 (W) x 86 (H) x 4 (D)**

**Understanding the code:** **SF** - Prefix **SS** - Plate Finish **750** - Product No **BK** - Insert Colour
Plate Finishes: **PW** White, **MW** Metal White, **BK** Matt Black, **MB** Metal Black.
Ingot Plate Finishes: **AB** Antique Brass, **BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel.
Insert Colour: White (**PW**) Black (**BK**) Grey (**GY**) *Grey inserts not available with Chrome finishes*

250 253

**Lockable Fused Connection Units With Optional Flex Outlet**

250 13A Lockable Fused Connection Unit
253 13A Lockable Fused Connection Unit With Neon

251 252

**Lockable Fused Connection Units With Optional Flex Outlet**

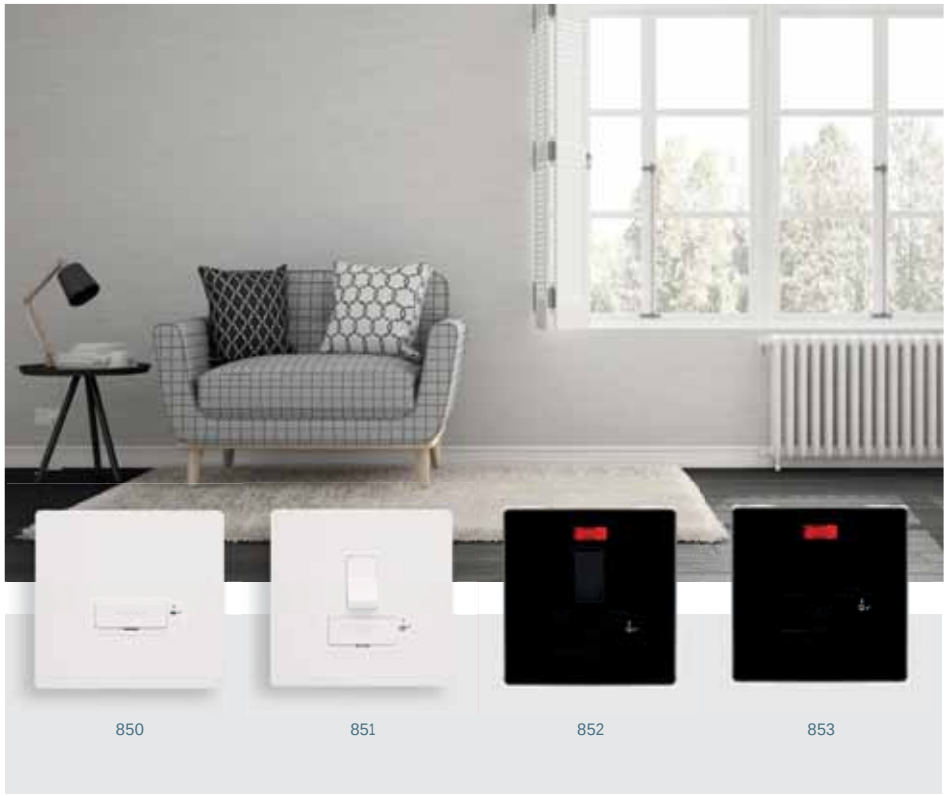
251 13A Lockable Switched Fused Connection Unit
252 13A Lockable Switched Fused Connection Unit With Neon

**Standards:** BS 1363-4 BS 1362
**Back Box Depth (mm):** 35 **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** **86 (W) x 86 (H) x 4 (D)**

**Understanding the code:** **SF** - Prefix **BK** - Plate Finish **250** - Product No **BK** - Insert Colour
Plate Finishes: **PW** White, **MW** Metal White, **BK** Matt Black, **MB** Metal Black.
Insert Colour: **PW** White, **BK** Black. *non ingot only available with matching insert colour (ie MB finish has BK insert).*







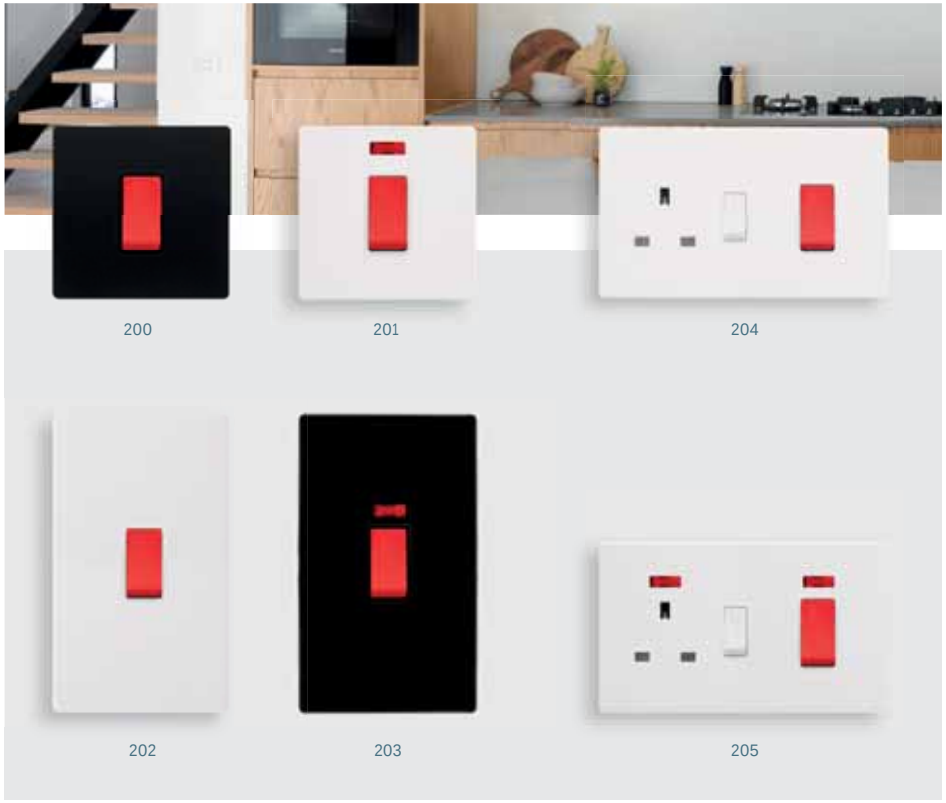
850 851 852 853

**Lockable Fused Connection Units Without Flex Outlet**

850 13A Lockable Fused Connection Unit
851 13A Lockable Switched Fused Connection Unit
852 13A Lockable Switched Fused Connection Unit With Neon
853 13A Lockable Fused Connection Unit With Neon

**Standards:** BS 1363-4
**Back Box Depth (mm):** 35 **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** 86 (W) x 86 (H) x 4 (D)

**Understanding the code:** **SF** - Prefix **BK** - Plate Finish **850** - Product No **BK** - Insert Colour
Plate Finishes: **PW** White, **MW** Metal White, **BK** Matt Black, **MB** Metal Black.
Insert Colour: **PW** White, **BK** Black. *non ingot only available with matching insert colour (ie MB finish has BK insert).*




**45A DP Switches & Socket Outlets**

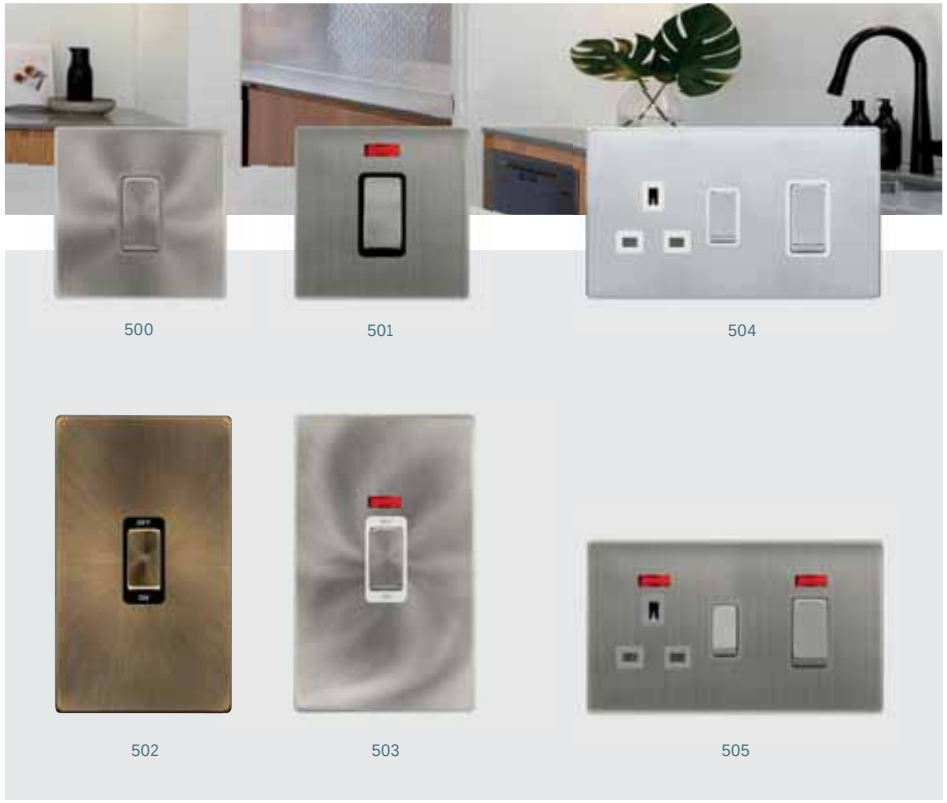
| | |
|---|---|
| 200 | 50A 1 Gang DP Switch |
| 201 | 50A 1 Gang DP Switch With Neon |
| 202 | 50A 2 Gang DP Switch |
| 203 | 50A 2 Gang DP Switch With Neon |
| 204 | 50A DP Switch With 13A DP Switched Socket |
| 205 | 50A DP Switch With 13A DP Switched Socket & Neons |

**Standards: 200 201 202 203:** BS EN 60669-1 **204 205:** BS 4177
**Back Box Depth (mm):** 47 **Cable Size (mm²):** 1 x 16
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 4 (D) **2 Gang:** 146 (W) x 86 (H) x 4 (D)

**Understanding the code: SF** - Prefix **BK** - Plate Finish **200** - Product No **BK** - Insert Colour
Plate Finishes: **PW** White, **MW** Metal White, **BK** Matt Black, **MB** Metal Black.
Insert Colour: **PW** White, **BK** Black. *non ingot only available with matching insert colour (ie MB finish has BK insert).*








**Ingot 45A Switches & Socket Outlets**

| | |
|---|---|
| 500 | 50A Ingot 1 Gang DP Switch |
| 501 | 50A Ingot 1 Gang DP Switch With Neon |
| 502 | 50A Ingot 2 Gang DP Switch |
| 503 | 50A Ingot 2 Gang DP Switch With Neon |
| 504 | 50A Ingot DP Switch With 13A DP Switched Socket |
| 505 | 50A Ingot DP Switch With 13A DP Switched Socket & Neons |

**Standards: 500 501 502 503:**BS EN 60669-1 **504 505:** BS 4177
**Back Box Depth (mm):** 47 **Cable Size (mm²):** 1 x 16
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 4 (D) **2 Gang:** 146 (W) x 86 (H) x 4 (D)

**Understanding the code: SF** - Prefix **SS** - Plate Finish **500** - Product No **BK** - Insert Colour
Ingot Plate Finishes: **AB** Antique Brass, **BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel
Insert Colour: White (**PW**) Black (**BK**) Grey (**GY**) *Grey inserts not available with Chrome finishes.*

020

**Fan Isolation Switch**

020 10A 3 Pole Fan Isolation Switch

022

023

**20A DP Switches With Optional Flex Outlet**

022 20A DP Switch
023 20A DP Switch With Neon

622

623

**20A DP Switches Without Flex Outlet**

622 20A DP Switch
623 20A DP Switch With Neon

**Standards:** BS EN 60669-1 **020:** BS EN 60669-2-4
**Back Box Depth (mm):** 35 **020:** 25 **Cable Size (mm²):** 3 x 2.5 **020:** 4 x 1.5 or 2 x 2.5
**Dimensions (mm):** 82.5 (W) x 82.5 (H) x 2.5 (D)

**Understanding the code:** **SF** - Prefix **BK** - Plate Finish **622** - Product No **BK** - Insert Colour
Plate Finishes: **PW** White, **MW** Metal White, **BK** Matt Black, **MB** Metal Black.
Insert Colour: **PW** White, **BK** Black. *non ingot only available with matching insert colour (ie MB finish has BK insert).*

520

**Ingot Fan Isolation Switch**

520 10A Ingot 3 Pole Fan Isolation Plate Switch

522

523

**Ingot 20A DP Switches With Optional Flex Outlet**

522 20A Ingot DP Switch
523 20A Ingot DP Switch With Neon

722

723

**Ingot 20A DP Switches Without Flex Outlet**

722 20A Ingot DP Switch
723 20A Ingot DP Switch With Neon

**Standards:** BS EN 60669-1 **520:** BS EN 60669-2-4
**Back Box Depth (mm):** 35 **Cable Size (mm²):** **20A DP:** 3 x 2.5 **520:** 4 x 1.5 or 2 x 2.5
**Dimensions (mm):** 82.5 (W) x 82.5 (H) x 2.5 (D)

**Understanding the code:** **SF** - Prefix **SS** - Plate Finish **722** - Product No **BK** - Insert Colour
Ingot Plate Finishes: **AB** Antique Brass, **BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel
Insert Colour: White (**PW**) Black (**BK**) Grey (**GY**) *Grey inserts not available with Chrome finishes.*

039

**Round Pin Socket Outlets**

039 2A Round Pin Socket

034

038

**Round Pin Socket Outlets**

034 15A Round Pin Switched Socket
038 5A Round Pin Socket

**Standards:** BS 546
**Back Box Depth (mm):** 35 **Cable Size (mm²): 034:** 3 x 2.5 **038:** 4 x 1.5 or 3 x 2.5 **039:** 3 x 1.5
**Dimensions (mm):** 86 (W) x 86 (H) x 4 (D)

**Understanding the code:** **SF** - Prefix **SS** - Plate Finish **038** - Product No **BK** - Insert Colour
Plate Finishes: **PW** White, **MW** Metal White, **BK** Matt Black, **MB** Metal Black.
Ingot Plate Finishes: **AB** Antique Brass, **BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel.
Insert Colour: White (**PW**) Black (**BK**) Grey (**GY**)
*non ingot only available with matching insert colour (ie MB finish has BK insert). Grey inserts not available with Chrome finishes*

024

100

**20A DP Sink / Bath Switch**

024 20A Sink/Bath Switch With Neon

**Dual Voltage Shaver Socket Outlets**

100 115/230V Dual Voltage Shaver Socket

Click® dual voltage shaver outlets incorporate a double wound isolating transformer rated 20Va at 230V or 115V and meets BS EN 61558-2-5:2010 making it safe for use in bathrooms. Shaver outlet is not continuously rated and therefore not suitable for use as a permanent charging outlet.

060

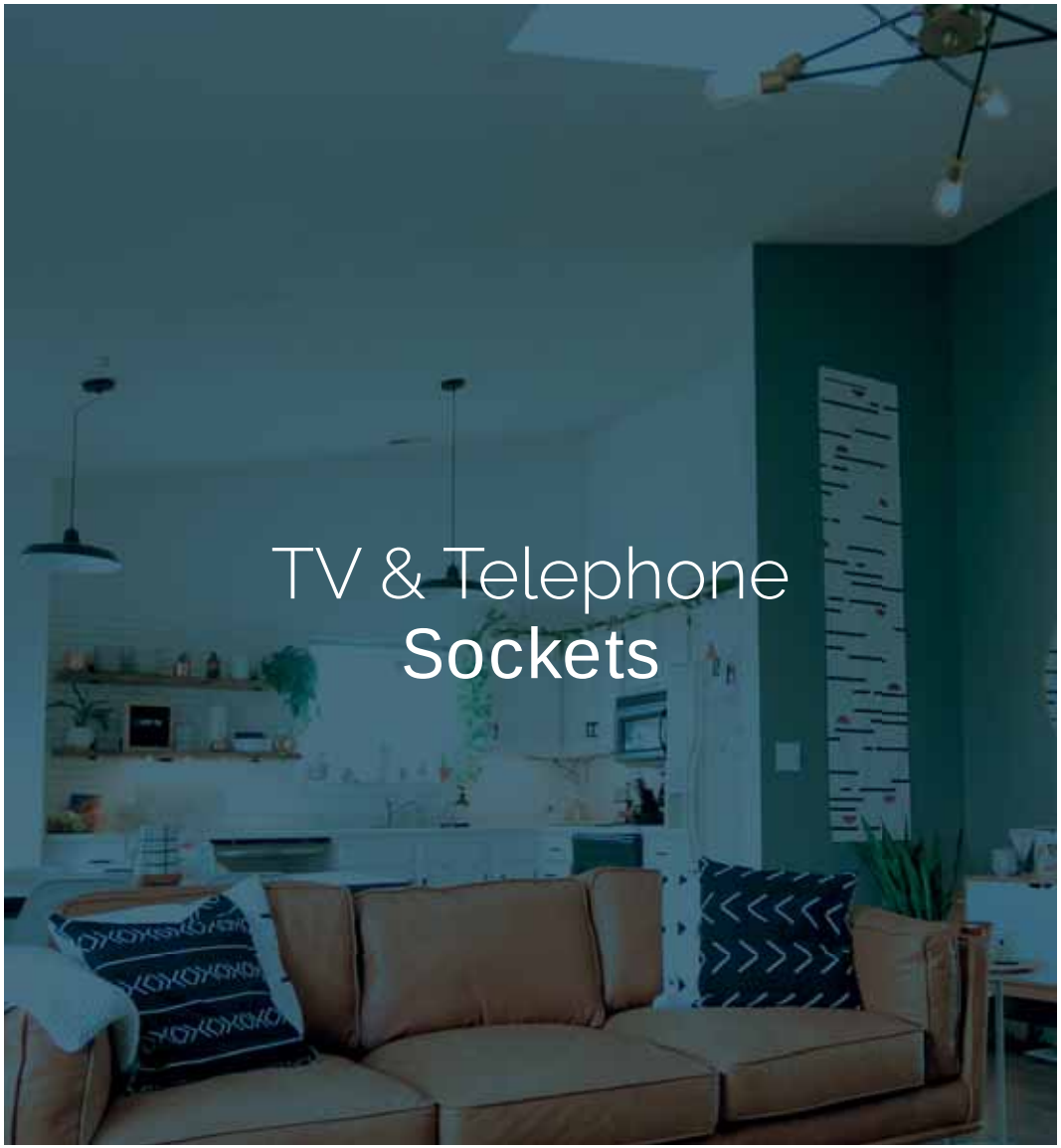
061

**Blank Plates**

060 1 Gang Blank Plate
061 2 Gang Blank Plate

**Standards: 024:** BS EN 60669-1**100:** BS EN IEC 61558-1 BS EN 61558-2-5 **060 061:** BS 5733
**Back Box Depth (mm): 060:** 16 **061:** 25 **024: 35 100:** 47 **Cable Size (mm²): 024:** 3 x 2.5**100:** 2 x 1.5 or 1 x 2.5
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 4 (D) **2 Gang:** 146 (W) x 86 (H) x 4 (D)

**Understanding the code:** **SF** - Prefix **SS** - Plate Finish **100** - Product No **BK** - Insert Colour
Plate Finishes: **PW** White, **MW** Metal White, **BK** Matt Black, **MB** Metal Black.
Ingot Plate Finishes: **AB** Antique Brass, **BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel.
Insert Colour: White (**PW**) Black (**BK**) Grey (**GY**)
*non ingot only available with matching insert colour (ie MB finish has BK insert). Grey inserts not available with Chrome finishes*



# TV & Telephone Sockets

The following pages contain details of Definity™ Complete products designed to deal with handling data and media transfer through telephone, television or radio.

065 | 158

066 | 159

156

157 | 170

**Non-isolated Coaxial Outlets**

065 Single Coaxial Outlet
066 Twin Coaxial Outlet

**Isolated Coaxial Outlets**

158 Single Isolated Coaxial Outlet
159 Twin Isolated Coaxial Outlet

**Coaxial & Satellite Socket**

156 Non-isolated Single Satellite Outlet
157 Isolated Satellite & Isolated Coaxial Outlet
170 Non-isolated Satellite & Non-isolated Coaxial Outlet

Isolated outlets will filter out any interference, if a 2 way signal is required, i.e. for use with satellite hard wire extensions, then a non-isolated outlet is required.

**Back Box Depth (mm):** 25
**Dimensions (mm):** 86 (W) x 86 (H) x 4 (D)

**Understanding the code:** **SF** - Prefix **SS** - Plate Finish **170** - Product No **BK** - Insert Colour
Plate Finishes: **PW** White, **MW** Metal White, **BK** Matt Black, **MB** Metal Black.
Ingot Plate Finishes: **AB** Antique Brass, **BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel.
Insert Colour: White (**PW**) Black (**BK**) *non ingot only available with matching insert colour (ie MB finish has BK insert).*

120 | 125

115

121 | 126

Twin outlets are 2 separate sockets and not internally linked together.

**RJ11 Telephone Outlet**

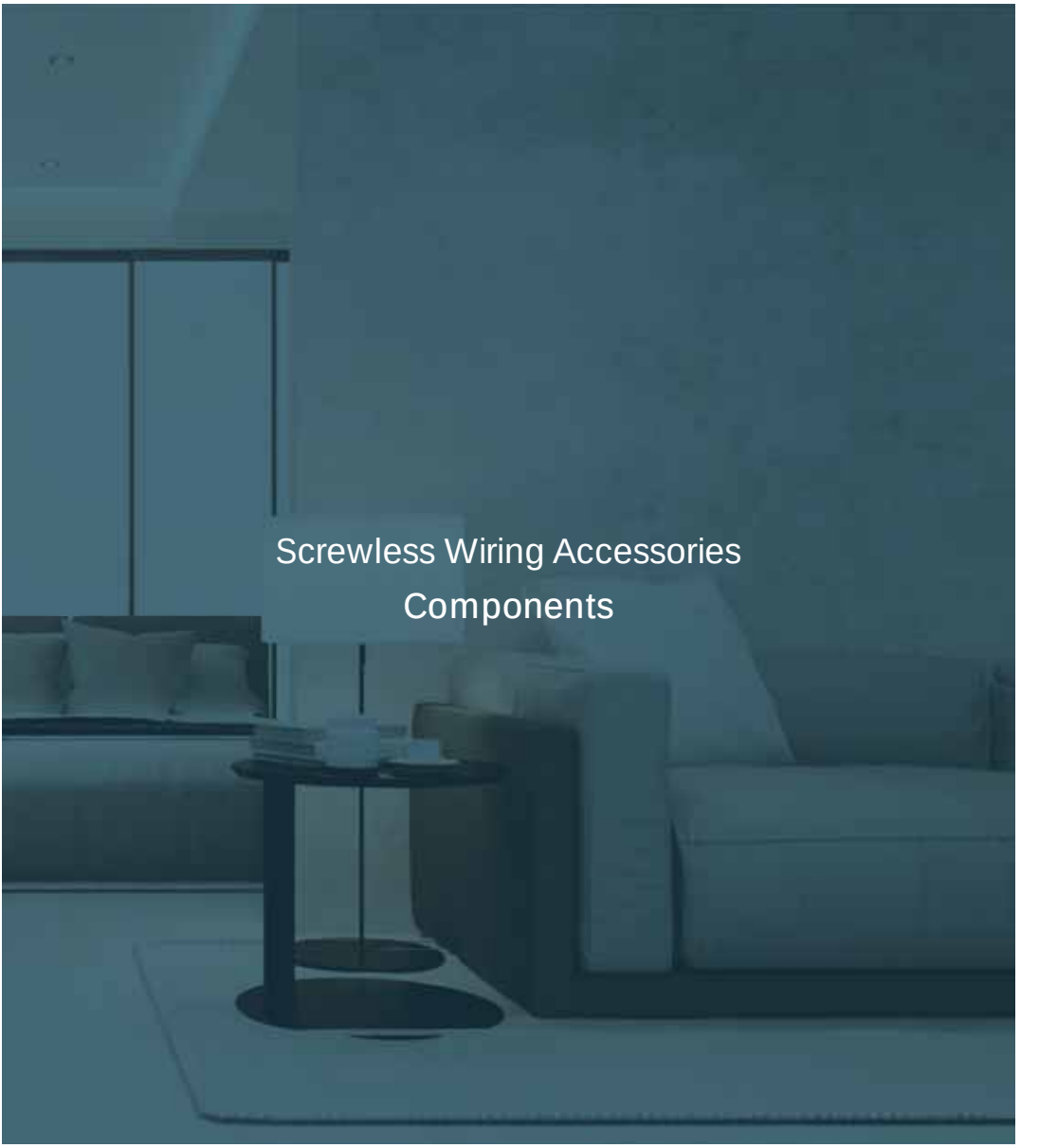
115 Single RJ11 (Irish/US) Outlet

**Telephone Outlets**

120 Single Telephone Outlet - Master
125 Single Telephone Outlet - Secondary
121 Twin Telephone Outlet - Master
126 Twin Telephone Outlet - Secondary

**Termination Type:** IDC **115:** Screw **Back Box Depth (mm):** 25 **115:** 47
**Dimensions (mm):** 86 (W) x 86 (H) x 4 (D)

**Understanding the code:** **SF** - Prefix **SS** - Plate Finish **115** - Product No **BK** - Insert Colour
Plate Finishes: **PW** White, **MW** Metal White, **BK** Matt Black, **MB** Metal Black.
Ingot Plate Finishes: **AB** Antique Brass, **BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel.
Insert Colour: White (**PW**) Black (**BK**) *non ingot only available with matching insert colour (ie MB finish has BK insert).*



# Screwless Wiring Accessories
# Components

definity™

# definity™

## The Screwless Range

Definity™ incorporates screwless, push-fit face plates in 9 assorted finishes. The face plates are supplied independently of the electrical inserts which means that the initial installation of the product can be carried out and any subsequent maintenance or decoration completed before the final selection and fixing of the face plate.

For the installer, this means a greater degree of flexibility in the timing of the installation of the insert and the distributor need not carry excessive levels of costly finished product. Furthermore should subsequent interior design change or re-decoration dictate that a different colour accessory be required to complement the new scheme, replacement plates can be sourced individually and fitted without the need for any special tools or electrical skills. Definity™ gives the flexibility to mix and match insert colours to cover plate finishes giving infinite combinations.

With a wide selection of standard and 'ingot' metallic inserts, simply select your design and colour of insert. After selecting your choice of insert choose your preferred cover plate and simply clip it onto the insert to finalise the installation.

Each Definity™ **product comprises an insert and a decorative cover plate.**

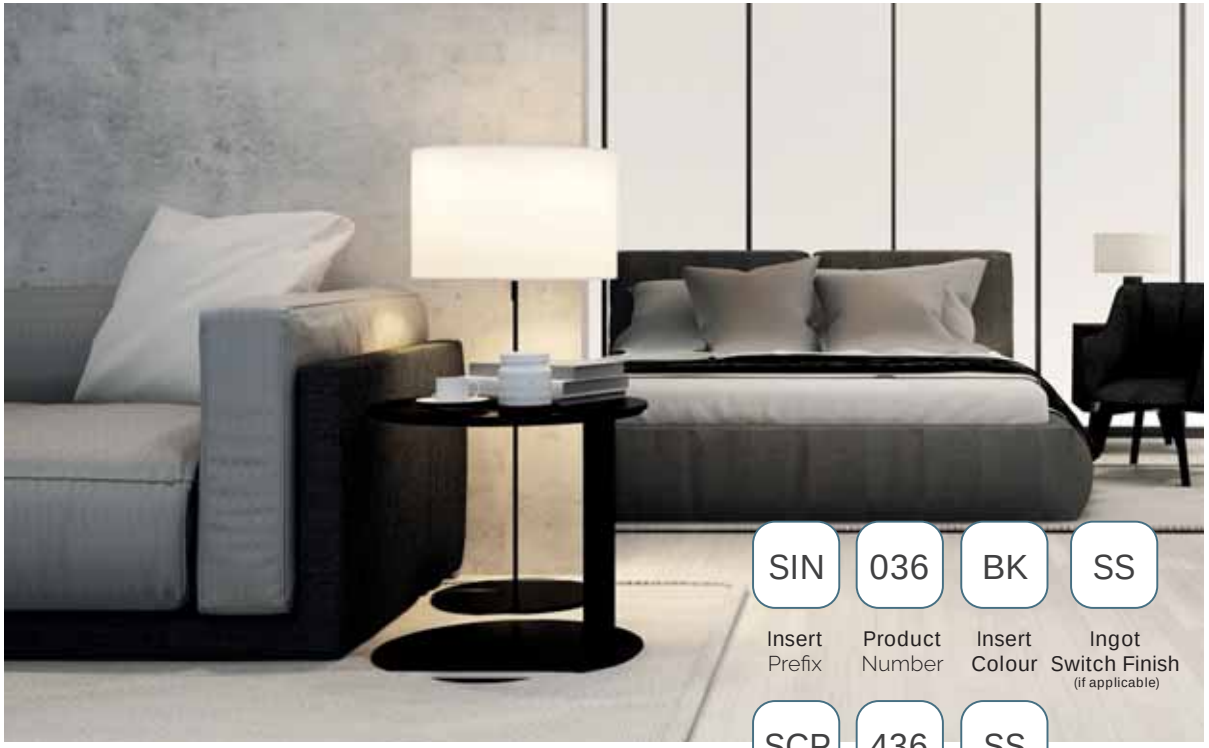
Inserts are available in Black, White and Grey, *(Grey is available in BS & SS Ingot only).*

Plates are available in 9 different finishes.

PW, BK & RD finishes are produced from polycarbonate. All other finishes are coated **stainless steel**

Simply select the required insert and choice of cover plate finish.

*UK Design Registration 3015621.




## Contents


| | |
|---|---|
| Switches | **F36** |
| Socket Outlets | **F50** |
| Fused Connection Units | **F56** |
| Red Fused Connection Units | **F60** |
| 45A Switches | **F61** |
| RJ11 Outlet | **F62** |
| UK Telephone Outlet | **F63** |
| Satellite & Coaxial Outlets | **F64** |
| New Media™ Plates | **F66** |
| Galvanised Boxes | **F67** |
| Dry Lining Boxes | **F68** |


## Definity™ unique product codes

When ordering either an insert or cover plate from this catalogue, please specify a unique **product code as shown**.

For example if you wish to order a 2 gang **13A switched socket in stainless steel with a** black switch and insert, the unique product code for the insert will be SIN036BK and for the cover plate will be SCP436SS.

If a 2 gang 13A switched socket in stainless **steel with a stainless steel ingot switch and** black insert is preferred, the unique product code for the insert will be 536BKSS and for the cover plate will be SCP436SS.

## Insert Design

**10AX 1 Gang 2 Way Switch**

**10AX 1 Gang Intermediate Switch**

**10AX 2 Gang 2 Way Switch**

**10AX 3 Gang 2 Way Switch**

## Select either a Standard or Ingot Insert

**Standard Insert**
SIN011BK - Black
SIN011PW - White

**Ingot Switch Insert**
SIN411BKBS
Black & Brushed Stainless
SIN411BKCH
Black & Chrome
SIN411BKSS
Black & Stainless Steel
SIN411PWBS
White & Brushed Stainless
SIN411PWCH
White & Chrome
SIN411PWSS
White & Stainless Steel
SIN411GYBS
Grey & Brushed Stainless
SIN411GYSS
Grey & Stainless Steel

**Standard Insert**
SIN025BK - Black
SIN025PW - White

**Ingot Switch Insert**
SIN425BKBS
Black & Brushed Stainless
SIN425BKCH
Black & Chrome
SIN425BKSS
Black & Stainless Steel
SIN425PWBS
White & Brushed Stainless
SIN425PWCH
White & Chrome
SIN425PWSS
White & Stainless Steel
SIN425GYBS
Grey & Brushed Stainless
SIN425GYSS
Grey & Stainless Steel

**Standard Insert**
SIN012BK - Black
SIN012PW - White

**Ingot Switch Insert**
SIN412BKBS
Black & Brushed Stainless
SIN412BKCH
Black & Chrome
SIN412BKSS
Black & Stainless Steel
SIN412PWBS
White & Brushed Stainless
SIN412PWCH
White & Chrome
SIN412PWSS
White & Stainless Steel
SIN412GYBS
Grey & Brushed Stainless
SIN412GYSS
Grey & Stainless Steel

**Standard Insert**
SIN013BK - Black
SIN013PW - White

**Ingot Switch Insert**
SIN413BKBS
Black & Brushed Stainless
SIN413BKCH
Black & Chrome
SIN413BKSS
Black & Stainless Steel
SIN413PWBS
White & Brushed Stainless
SIN413PWCH
White & Chrome
SIN413PWSS
White & Stainless Steel
SIN413GYBS
Grey & Brushed Stainless
SIN413GYSS
Grey & Stainless Steel

## Cover Plate

**Single Cover Plate Single Aperture**
SCP401

Available in Red (RD)

**Single Cover Plate Twin Aperture**
SCP402

Available in Red (RD)

**Single Cover Plate Triple Aperture**
SCP403

Available in Red (RD)

**Standards:** BS EN 60669-1 **Back Box Depth (mm):** 25
**Cable Size (mm²):** 4 x 1.5 or 2 x 2.5
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 4 (D) **2 Gang:** 146 (W) x 86 (H) x 4 (D)

**Understanding the code:**
**SIN** - Insert Prefix **036** - Product No **BK** - Insert Colour **SS** - 'Ingot' Switch Finish (if applicable).
**PW** White, **BK** Black, **GY** Grey (Grey is available in BS & SS Ingot only)
**SCP** - Definity™ Cover Plate Prefix **436** - Product No **SS** - Plate Colour.
**BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel, **MW** Metal White, **MB** Metal Black, **PW** White, **BK** Matt Black





## Insert Design

**10AX 4 Gang 2 Way Switch**

**10AX 6 Gang 2 Way Switch**

## Select either a Standard or Ingot Insert

**Standard Insert**
SIN019BK - Black
SIN019PW- White

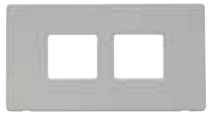
**Ingot Switch Insert**
SIN414BKBS
Black & Brushed Stainless
SIN414BKCH
Black & Chrome
SIN414BKSS
Black & Stainless Steel
SIN414PWBS
White & Brushed Stainless
SIN414PWCH
White & Chrome
SIN414PWSS
White & Stainless Steel
SIN414GYBS
Grey & Brushed Stainless
SIN414GYSS
Grey & Stainless Steel

**Standard Insert**
SIN105BK - Black
SIN105PW - White

**Ingot Switch Insert**
SIN416BKBS
Black & Brushed Stainless
SIN416BKCH
Black & Chrome
SIN416BKSS
Black & Stainless Steel
SIN416PWBS
White & Brushed Stainless
SIN416PWCH
White & Chrome
SIN416PWSS
White & Stainless Steel
SIN416GYBS
Grey & Brushed Stainless
SIN416GYSS
Grey & Stainless Steel

## Cover Plate

**Double Cover Plate (2 x 2) Aperture**
SCP404



**Double Cover Plate (2 x 3) Aperture**
SCP406

Available in Antique brass (AB)

**Standards:** BS EN 60669-1**Back Box Depth (mm):** 25
**Cable Size (mm²):** 4 x 1.5 or 2 x 2.5
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 4 (D) **2 Gang:** 146 (W) x 86 (H) x 4 (D)

**Understanding the code:**
**SIN** - Insert Prefix **036** - Product No **BK** - Insert Colour **SS** - 'Ingot' Switch Finish (if applicable).
**PW** White, **BK** Black, **GY** Grey (Grey is available in BS & SS Ingot only)
**SCP** - Definity™ Cover Plate Prefix **436** - Product No **SS** - Plate Colour.
**BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel, **MW** Metal White, **MB** Metal Black, **PW** White, **BK** Matt Black

## Insert Design

The Definity™ GridPro® frontplates on this page require the designated 1 and 2 module insert shown below.

**1 & 2 GridPro® Module Insert**
SIN20200

## Select a Cover Plate Finish

Definity™ 1 Gang
GridPro® Frontplates
SCP20401

SCP20401BK - Matt Black
SCP20401BS - Brushed Stainless
SCP20401CH - Polished Chrome
SCP20401PW - White
SCP20401SS - Stainless Steel
SCP20401MW - Metal White
SCP20401MB -Metal Black

Definity™ 2 Gang
GridPro® Frontplates
SCP20402

SCP20402BK - Matt Black
SCP20402BS - Brushed Stainless
SCP20402CH - Polished Chrome
SCP20402PW - White
SCP20402SS - Stainless Steel
SCP20402MW - Metal White
SCP20402MB -Metal Black

## Select GridPro® Modules

Modules available with black or white inserts, AB, BN & MB are black inserts only. BS, SC & SS have grey insert option, RD is white insert only.

GM2002 - 20AX 2 Way Switch
GM2018 - 20AX Double Pole Switch available with laser etched legends, see page J34
GM2028 - 20AX Intermediate Switch
GM2046ET - 20AX Double Pole Keyswitch 'Emergency Test'
GM2047 - 13A Fused
GM9010 - 1-10V Analogue Dimmer

Modules are available in the following finishes, simply add the finish suffix to the end of the code.

**Insert: BK** Black **PW** White **GY** Grey
**Finishes: BK** Black **PW** White **RD** Red **AB** Antique Brass
**BN** Black Nickel **PB** Polished Brass **BS** Brushed Stainless
**CH** Polished Chrome **PN** Pearl Nickel **SB** Satin Brass
**SC** Satin Chrome **SS** Stainless Steel **MB** Matt Black

We have selected our most popular modules here, for our extensive range please see the GridPro® section on page J24.

**Standards: Plates:** BS 5733 **Modules:** BS EN 60669-1
**Back Box Depth (mm):** Dependent on Modules Fitted **Modules:** 25 (35 Flat Plate) **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** 86 (W) x 86 (H) x 4 (D) **20200:** 82 (W) x 60 (H) x 8 (D) **Modules:** 24.5 (W) x 50 (H) x 22.5 (D)





## Insert Design

The Definity™ GridPro® frontplates on this page require the designated 3 and 4 module insert shown below.

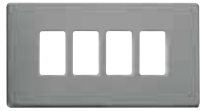
**Definity™ Module Insert**
SIN20400

## Select a Cover Plate Finish

Definity™ 3 Gang
GridPro® Frontplates
SCP20403

SCP20403BK - Matt Black
SCP20403BS - Brushed Stainless
SCP20403CH - Polished Chrome
SCP20403PW - White
SCP20403SS - Stainless Steel
SCP20403MW - Metal White
SCP20403MB -Metal Black

Definity™ 4 Gang
GridPro® Frontplates
SCP20404



SCP20404BK - Matt Black
SCP20404BS - Brushed Stainless
SCP20404CH - Polished Chrome
SCP20404PW - White
SCP20404SS - Stainless Steel
SCP20404MW - Metal White
SCP20404MB -Metal Black

## Select GridPro® Modules

Modules available with black or white inserts, AB, BN & MB are black inserts only. BS, SC & SS have grey insert option, RD is white insert only.

GM2002 - 20AX 2 Way Switch
GM2018 - 20AX Double Pole Switch available with laser etched legends, see page J34
GM2028 - 20AX Intermediate Switch
GM2046ET - 20AX Double Pole Keyswitch 'Emergency Test'
GM2047 - 13A Fused
GM9010 - 1-10V Analogue Dimmer

Modules are available in the following finishes, simply add the finish suffix to the end of the code.

**Insert: BK** Black **PW** White **GY** Grey
**Finishes: BK** Black **PW** White **RD** Red **AB** Antique Brass
**BN** Black Nickel **PB** Polished Brass **BS** Brushed Stainless
**CH** Polished Chrome **PN** Pearl Nickel **SB** Satin Brass
**SC** Satin Chrome **SS** Stainless Steel **MB** Matt Black

We have selected our most popular modules here, for our extensive range please see the GridPro® section on page J24.

**Standards:** BS 5733 **Modules:** BS EN 60669-1
**Back Box Depth (mm):** Dependent on Modules Fitted **Modules:** 25 (35 Flat Plate) **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** 146 (W) x 86 (H) x 4 (D) **20400:** 142 (W) x 60 (H) x 8 (D) **Modules:** 24.5 (W) x 50 (H) x 22.5 (D)v

## Insert Design

The Definity™ GridPro® frontplates on this page require the designated Hotel Accessory module insert shown below.

Definity™ Hotel Accessory GridPro® Insert
SIN31102BK

## Select a Cover Plate Finish

Definity™ Hotel Accessory GridPro® Frontplates
SCP31102

SCP31102BK - Matt Black
SCP31102BS - Brushed Stainless
SCP31102CH - Polished Chrome
SCP31102PW - White
SCP31102SS - Stainless Steel
SCP31102MW - Metal White
SCP31102MB -Metal Black

## Select GridPro® Modules

Modules available with black or white inserts, AB, BN & MB are black inserts only. BS, SC & SS have grey insert option, RD is white insert only.

| | |
|---|---|
| GM2002 - | 20AX 2 Way Switch |
| GM2018 - | 20AX Double Pole Switch available with laser etched legends, see page J34 |
| GM2028 - | 20AX Intermediate Switch |
| GM2046ET - | 20AX Double Pole Keyswitch 'Emergency Test' |
| GM2047 - | 13A Fused |
| GM9010 - | 1-10V Analogue Dimmer |

Modules are available in the following finishes, simply add the finish suffix to the end of the code.

**Insert: BK** Black **PW** White **GY** Grey
**Finishes: BK** Black **PW** White **RD** Red **AB** Antique Brass
**BN** Black Nickel **PB** Polished Brass **BS** Brushed Stainless
**CH** Polished Chrome **PN** Pearl Nickel **SB** Satin Brass
**SC** Satin Chrome **SS** Stainless Steel **MB** Matt Black

We have selected our most popular modules here, for our extensive range please see the GridPro® section on page J24.

**Standards: Plates:** BS 5733 **Modules:** BS EN 60669-1
**Back Box Depth (mm):** Dependent on Modules Fitted **Modules:** 25 (35 Flat Plate) **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):**146 (W) x 86 (H) x 4 (D)**31102:**142.5 (W) x 82.5 (H) x 2.5 (D) **Modules:** 24.5 (W) x 50 (H) x 22.5 (D)





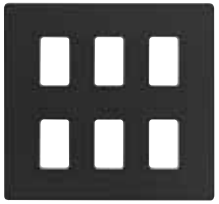
## Insert Design

The Definity™ GridPro® frontplates on this page require the designated 3 and 4 module insert shown here.

**Definity™ Module Insert**
SIN20400

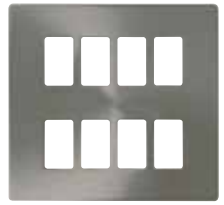
## Select a Cover Plate Finish

Definity™ 6 Gang GridPro® Frontplates
SCP20506



SCP20506BK - Matt Black
SCP20506BS - Brushed Stainless
SCP20506CH - Polished Chrome
SCP20506PW - White
SCP20506SS - Stainless Steel
SCP20506MW - Metal White
SCP20506MB -Metal Black

Definity™ 8 Gang GridPro® Frontplates
SCP20508



SCP20508BK - Matt Black
SCP20508BS - Brushed Stainless
SCP20508CH - Polished Chrome
SCP20508PW - White
SCP20508SS - Stainless Steel
SCP20508MW - Metal White
SCP20508MB -Metal Black

## Select GridPro® Modules

Modules available with black or white inserts, AB, BN & MB are black inserts only. BS, SC & SS have grey insert option, RD is white insert only.

| | |
|---|---|
| GM2002 - | 20AX 2 Way Switch |
| GM2018 - | 20AX Double Pole Switch available with laser etched legends, see page J34 |
| GM2028 - | 20AX Intermediate Switch |
| GM2046ET - | 20AX Double Pole Keyswitch 'Emergency Test' |
| GM2047 - | 13A Fused |
| GM9010 - | 1-10V Analogue Dimmer |

Modules are available in the following finishes, simply add the finish suffix to the end of the code.

**Insert: BK** Black **PW** White **GY** Grey
**Finishes: BK** Black **PW** White **RD** Red **AB** Antique Brass
**BN** Black Nickel **PB** Polished Brass **BS** Brushed Stainless
**CH** Polished Chrome **PN** Pearl Nickel **SB** Satin Brass
**SC** Satin Chrome **SS** Stainless Steel **MB** Matt Black

We have selected our most popular modules here, for our extensive range please see the GridPro® section on page J24.

**Standards:** BS 5733 **Modules:** BS EN 60669-1
**Back Box Depth (mm):** Dependent on Modules Fitted **Modules:** 25 (35 Flat Plate) **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** 146 (W) x 86 (H) x 4 (D) **20400:** 142 (W) x 60 (H) x 8 (D) **Modules:** 24.5 (W) x 50 (H) x 22.5 (D)v

## Insert Design

**Single Plate**
**Single Aperture 'Unfurnished'**

**Single Plate**
**Twin Aperture 'Unfurnished'**

**Single Plate Triple**
**Aperture 'Unfurnished'**

## Select an Insert

**Insert Frame Only**
SIN401BK - Black
SIN401PW - White
SIN401GY - Grey
SIN401RD - Red

**Insert Frame Only**
SIN402BK - Black
SIN402PW - White
SIN402GY - Grey
SIN402RD - Red

**Insert Frame Only**
SIN403BK - Black
SIN403PW - White
SIN403GY - Grey
SIN403RD - Red

## Select a Cover Plate

**Understanding the code:**
SCP - Definity™ Cover Plate Prefix 436 - Product No SS - Plate Colour.
**BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel, **MW** Metal White, **MB** Metal Black, **PW** White, **BK** Matt Black

**Single Cover Plate Single Aperture**
SCP401

**Single Cover Plate Twin Aperture**
SCP402

**Single Cover Plate Triple Aperture**
SCP403

These cover plates are available in Red (RD) & Antique brass (AB)

## Select MiniGrid® Modules

Modules are all easily and quickly exchanged or mounted onto unfurnished plates by means of a simple single screw fixing.

MD047 - FCU
MD002 - 2 Way Switch
MD028 - Intermediate Switch
MD029 - DP Keyswitch 'Emergency Test'
MD018 - DP Switch
available with laser etched legends, see page K22

Modules are available in the following finishes, simply add the finish suffix to the end of the code.

**BK** Black **PW** Polar White **WH** Click White
**AB** Antique Brass **BN** Black Nickel **PB** Polished Brass
**BS** Brushed Stainless **CH** Polished Chrome
**PN** Pearl Nickel **SB** Satin Brass **SC** Satin Chrome
**SS** Stainless Steel **MB** Matt Black

We have selected our most popular modules here, for our extensive range please see the MiniGrid® section on page K18.

**Standards:** BS EN 60669-1 : BS 5733
**Back Box Depth (mm):** Dependent On Modules Fitted **Cable Size (mm²):** 4 x 1.5 or 2 x 2.5
**Dimensions (mm):** 86 (W) x 86 (H) x 4 (D)





## Insert Design

**Double Plate (2 x 2)**
**Aperture 'Unfurnished'**

**Double Plate**
**(2 x 3) Aperture 'Unfurnished'**

**Double Plate**
**(6 In-line) Aperture 'Unfurnished'**

## Select an Insert

**Insert Frame Only**
SIN404BK - Black
SIN404PW - White
SIN404GY - Grey

**Insert Frame Only**
SIN406BK - Black
SIN406PW - White
SIN406GY - Grey

**Insert Frame Only**
SIN426BK - Black
SIN426PW - White
SIN426GY - Grey

## Select a Cover Plate

**Understanding the code:**
SCP - Definity™ Cover Plate Prefix 436 - Product No SS - Plate Colour.
**BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel, **MW** Metal White, **MB** Metal Black, **PW** White, **BK** Matt Black

**Double Cover Plate (2 x 2) Aperture**
SCP404

Available in Antique brass (AB)

**Double Cover Plate (2 x 3) Aperture**
SCP406

**Double Cover Plate (6 In-line) Aperture**
SCP426

Available in Antique brass (AB)

## Select MiniGrid® Modules

The MiniGrid® modules are all easily and quickly exchanged or mounted onto unfurnished plates by means of a simple single screw fixing.

MD047 - FCU
MD002 - 2 Way Switch
MD028 - Intermediate Switch
MD029 - DP Keyswitch 'Emergency Test'
MD018 - DP Switch
available with laser etched legends, see page K22

Modules are available in the following finishes, simply add the finish suffix to the end of the code.

**BK** Black **PW** Polar White **WH** Click White
**AB** Antique Brass **BN** Black Nickel **PB** Polished Brass
**BS** Brushed Stainless **CH** Polished Chrome
**PN** Pearl Nickel **SB** Satin Brass **SC** Satin Chrome
**SS** Stainless Steel **MB** Matt Black

We have selected our most popular modules here, for our extensive range please see the MiniGrid® section on page K18.

**Standards:** BS EN 60669-1 BS 5733
**Back Box Depth (mm):** Dependent On Modules Fitted **Cable Size (mm²):** 4 x 1.5 or 2 x 2.5
**Dimensions (mm):** 146 (W) x 86 (H) x 4 (D)

MINIGRID GRIDPRO

# Endless Possibilities...

## In house laser etching, available for GridPro® & MiniGrid® Modules.

Our in house laser printer provides flexibility to suit large volume batch or custom jobs. The precision, permanent, fine marking effect is customisable, offering you and your customers a wider variety of options.

## Insert Design

**1 Gang 2 Way Rotary Dimmer Switch**

**2 Gang 2 Way Rotary Dimmer Switch**

**3 Gang 2 Way Rotary Dimmer Switch**

**4 Gang 2 Way Dimmer Switch**

## Select a Standard Insert

SIN161
100W / Va
Suitable for dimming dimmable LED light sources

SIN162
100W / Va
Suitable for dimming dimmable LED light sources

SIN163
100W / Va
Suitable for dimming dimmable LED light sources

SIN164
100W / Va
Suitable for dimming dimmable LED light sources

Dimmer knob supplied with cover plate

Dimmer knob supplied with cover plate

Dimmer knob supplied with cover plate

Dimmer knob supplied with cover plate

**Rotary Dimmer Mounting Plate**
SIN141PL
Dimmer module supplied separately

**Rotary Dimmer Mounting Plate**
SIN142PL
Dimmer module supplied separately

**Rotary Dimmer Mounting Plate**
SIN143PL
Dimmer module supplied separately

**Rotary Dimmer Mounting Plate**
SIN144PL
Dimmer module supplied separately

## Cover Plate

**1 Gang Dimmer Switch Cover Plate & Knob**
SCP241

**2 Gang Dimmer Switch Cover Plate & Knobs**
SCP242

**3 Gang Dimmer Switch Cover Plate & Knobs**
SCP243

**4 Gang Dimmer Switch Cover Plate & Knobs**
SCP244

**Standards:** BS EN 60669-1 BS EN 60669-2-1 BS EN 55015 BS EN 61000-3-2 **Plates:** BS 5733
**Type:** Trailing Edge **Back Box Depth (mm):** 35 **Cable Size (mm²):** 2 x 1.5
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 4 (D) **2 Gang:** 146 (W) x 86 (H) x 4 (D)

**Understanding the code:**
**SIN** - Insert Prefix **036** - Product No **BK** - Insert Colour **SS** - 'Ingot' Switch Finish (if applicable).
**BK** Black
**SCP** - Definity™ Cover Plate Prefix **436** - Product No **SS** - Plate Colour.
**BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel, **MW** Metal White, **MB** Metal Black, **PW** White, **BK** Matt Black, **BKCH** Matt Black with Chrome Knobs

## Insert Design

**10AX 1 Gang 2 Way Toggle Switch**

**10AX 1 Gang Intermediate Toggle Switch**

## Select a Standard Insert

**Toggle Switch**
SIN421CH - Chrome
SIN421PN - Pearl Nickel

**Toggle Switch**
SIN420CH - Chrome
SIN420PN - Pearl Nickel

**Recommended Cover Plate and Toggle Switch**

Chrome Toggle:
Chrome

Pearl Nickel Toggle:
Brushed Stainless & Stainless Steel

**Recommended Cover Plate and Toggle Switch**

Chrome Toggle:
Chrome

Pearl Nickel Toggle:
Brushed Stainless & Stainless Steel

## Cover Plate

**1 Gang Toggle Switch Cover Plate**
SCP221

**Standards:** BS EN 60669-1
**Back Box Depth (mm):** 35 **Cable Size (mm²):** 4 x 1.5 or 2 x 2.5
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 4 (D) **2 Gang:** 146 (W) x 86 (H) x 4 (D)

**Understanding the code:**
**SIN** - Insert Prefix **036** - Product No **BK** - Insert Colour **SS** - 'Ingot' Switch Finish (if applicable).
**BK** Black.
**SCP** - Definity™ Cover Plate Prefix **436** - Product No **SS** - Plate Colour.
**BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel, **MW** Metal White, **MB** Metal Black, **PW** White, **BK** Matt Black





## Insert Design

**10AX 2 Gang 2 Way Toggle Switch**

**10AX 3 Gang 2 Way Toggle Switch**

**10AX 4 Gang 2 Way Toggle Switch**

## Select a Standard Insert

**Toggle Switch**
SIN422CH - Chrome
SIN422PN - Pearl Nickel

**Toggle Switch**
SIN423CH - Chrome
SIN423PN - Pearl Nickel

**Toggle Switch**
SIN424CH - Chrome
SIN424PN - Pearl Nickel

**Recommended Cover Plate and Toggle Switch**

Chrome Toggle:
Chrome

Pearl Nickel Toggle:
Brushed Stainless & Stainless Steel

**Recommended Cover Plate and Toggle Switch**

Chrome Toggle:
Chrome

Pearl Nickel Toggle:
Brushed Stainless & Stainless Steel

**Recommended Cover Plate and Toggle Switch**

Chrome Toggle:
Chrome

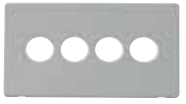
Pearl Nickel Toggle:
Brushed Stainless & Stainless Steel

## Cover Plate

**2 Gang Toggle Switch Cover Plate**
SCP222

**3 Gang Toggle Switch Cover Plate**
SCP223

**4 Gang Toggle Switch Cover Plate**
SCP224



**Standards:** BS EN 60669-1
**Back Box Depth (mm):** 35 **Cable Size (mm²):** 4 x 1.5 or 2 x 2.5
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 4 (D) **2 Gang:** 146 (W) x 86 (H) x 4 (D)

**Understanding the code:**
**SIN** - Insert Prefix **036** - Product No **BK** - Insert Colour **SS** - 'Ingot' Switch Finish (if applicable).
**BK** Black.
**SCP** - Definity™ Cover Plate Prefix **436** - Product No **SS** - Plate Colour.
**BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel, **MW** Metal White, **MB** Metal Black, **PW** White, **BK** Matt Black

## Insert Design

**20A Double Pole Switch with Flex Outlet**

**20A Double Pole Switch with Flex Outlet & Neon**

**20A Double Pole Switch**

**20A Double Pole Switch with Neon**

## Select either a Standard or Ingot Insert

**Standard Insert**
SIN022BK - Black
SIN022PW - White

**Ingot Switch Insert**
SIN522BKBS
Black & Brushed Stainless
SIN522BKCH
Black & Chrome
SIN522BKSS
Black & Stainless Steel
SIN522PWBS
White & Brushed Stainless
SIN522PWCH
White & Chrome
SIN522PWSS
White & Stainless Steel
SIN522GYBS
Grey & Brushed Stainless
SIN522GYSS
Grey & Stainless Steel

**Standard Insert**
SIN023BK - Black
SIN023PW - White

**Ingot Switch Insert**
SIN523BKBS
Black & Brushed Stainless
SIN523BKCH
Black & Chrome
SIN523BKSS
Black & Stainless Steel
SIN523PWBS
White & Brushed Stainless
SIN523PWCH
White & Chrome
SIN523PWSS
White & Stainless Steel
SIN523GYBS
Grey & Brushed Stainless
SIN523GYSS
Grey & Stainless Steel

**Standard Insert**
SIN622BK - Black
SIN622PW - White

**Ingot Switch Insert**
SIN722BKBS
Black & Brushed Stainless
SIN722BKCH
Black & Chrome
SIN722BKSS
Black & Stainless Steel
SIN722PWBS
White & Brushed Stainless
SIN722PWCH
White & Chrome
SIN722PWSS
White & Stainless Steel
SIN722GYBS
Grey & Brushed Stainless
SIN722GYSS
Grey & Stainless Steel

**Standard Insert**
SIN623BK - Black
SIN623PW - White

**Ingot Switch Insert**
SIN723BKBS
Black & Brushed Stainless
SIN723BKCH
Black & Chrome
SIN723BKSS
Black & Stainless Steel
SIN723PWBS
White & Brushed Stainless
SIN723PWCH
White & Chrome
SIN723PWSS
White & Stainless Steel
SIN723GYBS
Grey & Brushed Stainless
SIN723GYSS
Grey & Stainless Steel

## Cover Plate

**20A DP Switch with Flex Outlet Cover Plate**
SCP322

**20A DP Switch with Flex Outlet & Neon Cover Plate**
SCP323

**20A DP Switch Cover Plate**
SCP422

**20A DP Switch with Neon Cover Plate**
SCP423

**Standards:** BS EN 60669-1
**Back Box Depth (mm):** 35 **Cable Size (mm²):** 3 x 2.5
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 4 (D)

**Understanding the code:**
**SIN** - Insert Prefix **036** - Product No **BK** - Insert Colour **SS** - 'Ingot' Switch Finish (if applicable).
**PW** White, **BK** Black, **GY** Grey (Grey is Ingot only)
**SCP** - Definity™ Cover Plate Prefix **436** - Product No **SS** - Plate Colour.
**BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel, **MW** Metal White, **MB** Metal Black, **PW** White, **BK** Matt Black





## Insert Design

**20A Sink & Bath Switch with Neon**

**10A 3 Pole Fan Isolation Switch**

**Lockable Switch**

## Select either a Standard or Ingot Insert

**Standard Insert**
SIN024BK - Black
SIN024PW - White

**Standard Insert**
SIN020BK- Black
SIN020PW - White

**Ingot Switch Insert**
SIN520BKBS
Black & Brushed Stainless
SIN520BKCH
Black & Chrome
SIN520BKSS
Black & Stainless Steel
SIN520PWBS
White & Brushed Stainless
SIN520PWCH
White & Chrome
SIN520PWSS
White & Stainless Steel
SIN520GYBS
Grey & Brushed Stainless
SIN520GYSS
Grey & Stainless Steel

**Standard Insert**
SIN660BK - Black

## Cover Plate

**20A Sink & Bath Switch with Neon Cover Plate**
SCP324

**10A Fan Isolation Switch Cover Plate**
SCP402

**Lockable Switch Cover Plate**
SCP660

Available in Red (RD) & Antique brass (AB)

**Standards:** BS EN 60669-2-4 **020 660:** BS EN 60669-1
**Back Box Depth (mm): 520:** 25 **024:** 35 **660:** 47
**Cable Size (mm²): 020 520:** 4 x 1.5 or 2 x 2.5 **024:** 3 x 2.5 **660:** 3 x 2.5 or 2 x 4
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 4 (D)

**Understanding the code:**
**SIN** - Insert Prefix **036** - Product No **BK** - Insert Colour **SS** - 'Ingot' Switch Finish (if applicable).
**PW** White, **BK** Black, **GY** Grey (Grey is Ingot only)
**SCP** - Definity™ Cover Plate Prefix **436** - Product No **SS** - Plate Colour.
**BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel, **MW** Metal White, **MB** Metal Black, **PW** White, **BK** Matt Black

## Insert Design

**Lockable Socket**

**UK 13A 1 Gang Socket Outlet**

**115 / 230V Dual Voltage Shaver Socket Outlet**

## Select a Standard Insert

**Standard Insert**
SIN655BK - Black
SIN655PW - White
SIN655GY - Grey

**Standard Insert**
SIN630BK- Black
SIN630PW - White

**Standard Insert**
SIN100BK - Black
SIN100PW - White
SIN100GY - Grey

Click® dual voltage shaver outlets incorporate a double wound isolating transformer rated 20Va at 230V or 115V and meets BS EN 61558-2-5:2010 making it safe for use in bathrooms. Shaver outlet is not continuously rated and therefore not suitable for use as a permanent charging outlet.

## Cover Plate

**Lockable Socket Cover Plate**
SCP655

**UK 13A 1 Gang Socket Outlet Cover Plate**
SCP430

**Dual Voltage Shaver Socket Outlet Cover Plate**
SCP100

**Standards:** **100:** BS EN IEC 61558-1 BS EN 61558-2-5 **630:** BS 1363-2 **655:** BS EN 60669-1 BS 1363-2
**Cable Size (mm²):** 3 x 2.5 or 2 x 4 **100:** 2 x 1.5 or 1 x 2.5 **Back Box Depth (mm):** 47 **630:** 35
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 4 (D) **2 Gang:** 146 (W) x 86 (H) x 4 (D) **100:** 86 (W) x 146 (H) x 4 (D)

**Understanding the code:**
**SIN** - Insert Prefix **036** - Product No **BK** - Insert Colour **SS** - 'Ingot' Switch Finish (if applicable).
**PW** White, **BK** Black, **GY** Grey (Grey is Ingot only)
**SCP** - Definity™ Cover Plate Prefix **436** - Product No **SS** - Plate Colour.
**BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel, **MW** Metal White, **MB** Metal Black, **PW** White, **BK** Matt Black





## Insert Design

**2A 1 Gang Round Pin Socket Outlet**

**5A 1 Gang Round Pin Socket Outlet**

**15A 1 Gang Round Pin Switched Socket Outlet**

## Select a Standard Insert

**Standard Insert**
SIN039BK- Black
SIN039PW - White

**Standard Insert**
SIN038BK - Black
SIN038PW - White
SIN038GY - Grey

**Standard Insert**
SIN034BK - Black
SIN034PW - White

## Cover Plate

**2A 1 Gang Round Pin Socket Outlet Cover Plate**
SCP239

**5A 1 Gang Round Pin Socket Outlet Cover Plate**
SCP238

**15A 1 Gang Round Pin Switched Socket Outlet Cover Plate**
SCP234

**Standards:** BS 546
**Back Box Depth (mm):** 35
**Cable Size (mm²):** **034:** 3 x 2.5 **038:** 4 x 1.5 or 3 x 2.5 **039:** 3 x 1.5 **660:** 3 x 2.5 or 2 x 4
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 4 (D)

**Understanding the code:**
**SIN** - Insert Prefix **036** - Product No **BK** - Insert Colour **SS** - 'Ingot' Switch Finish (if applicable).
**PW** White, **BK** Black.
**SCP** - Definity™ Cover Plate Prefix **436** - Product No **SS** - Plate Colour.
**BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel, **MW** Metal White, **MB** Metal Black, **PW** White, **BK** Matt Black

## Insert Design

**UK 13A 1 Gang Double Pole Switched Socket Outlet**

**13A 1 Gang DP Switched Safety Shutter Socket Outlet With Neon Insert**

**UK 13A 2 Gang Double Pole Switched Socket Outlet**

## Select either a Standard or Ingot Insert

**Standard Insert**
SIN035BK- Black
SIN035PW - White

**Ingot Switch Insert**
SIN535BKBS
Black & Brushed Stainless
SIN535BKCH
Black & Chrome
SIN535BKSS
Black & Stainless Steel
SIN535GYBS
White & Brushed Stainless
SIN535PWCH
White & Chrome
SIN535PWSS
White & Stainless Steel
SIN535PWBS
Grey & Brushed Stainless
SIN535GYSS
Grey & Stainless Steel

**Standard Insert**
SIN1835BK - Black
SIN1835PW - White

**Standard Insert**
SIN036BK - Black
SIN036PW - White
SIN036RD - Red

**Ingot Switch Insert**
SIN536BKBS
Black & Brushed Stainless
SIN536BKCH
Black & Chrome
SIN536BKSS
Black & Stainless Steel
SIN536PWBS
White & Brushed Stainless
SIN536PWCH
White & Chrome
SIN536PWSS
White & Stainless Steel
SIN536GYBS
Grey & Brushed Stainless
SIN536GYSS
Grey & Stainless Steel

## Cover Plate

**UK 13A 1 Gang Switched Socket Outlet Cover Plate**
SCP435

**UK 13A 2 Gang Switched Socket Outlet Cover Plate**
SCP436

Available in Red (RD)

**Standards:** BS 1363-2
**Back Box Depth (mm):** 35 **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 4 (D) **2 Gang:** 146 (W) x 86 (H) x 4 (D)

**Understanding the code:**
**SIN** - Insert Prefix **036** - Product No **BK** - Insert Colour **SS** - 'Ingot' Switch Finish (if applicable).
**PW** White, **BK** Black, **GY** Grey (Grey is Ingot only)
**SCP** - Definity™ Cover Plate Prefix **436** - Product No **SS** - Plate Colour.
**BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel, **MW** Metal White, **MB** Metal Black, **PW** White, **BK** Matt Black





## Insert Design

**13A 1 Gang DP Switched Safety Shutter Socket Outlet Insert**

**13A 2 Gang DP Switched Safety Shutter Socket Outlet (Twin Earth) Insert**

## Select either a Standard or Ingot Insert

**Standard Insert**
SIN1035BK - Black
SIN1035PW - White

**Ingot Switch Insert**
SIN1535BKBS
Black & Brushed Stainless
SIN1535BKCH
Black & Chrome
SIN1535BKSS
Black & Stainless Steel
SIN1535PWBS
White & Brushed Stainless
SIN1535PWCH
White & Chrome
SIN1535PWSS
White & Stainless Steel

Only available for sale in the Republic of Ireland.

**Standard Insert**
SIN1036BK - Black
SIN1036PW - White

**Ingot Switch Insert**
SIN1536BKBS
Black & Brushed Stainless
SIN1536BKCH
Black & Chrome
SIN1536BKSS
Black & Stainless Steel
SIN1536PWBS
White & Brushed Stainless
SIN1536PWCH
White & Chrome
SIN1536PWSS
White & Stainless Steel

Only available for sale in the Republic of Ireland.

## Cover Plate

**13A 1 Gang Switched Safety Shutter Socket Cover Plate**
SCP835

**13A 2 Gang Switched Socket Cover Plate**
SCP436

Available in Red (RD)

**Standards:** BS 1363-2
**Back Box Depth (mm):** 35 **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 4 (D) **2 Gang:** 146 (W) x 86 (H) x 4 (D)

**Understanding the code:**
**SIN** - Insert Prefix **036** - Product No **BK** - Insert Colour **SS** - 'Ingot' Switch Finish (if applicable).
**PW** White, **BK** Black, **GY** Grey (Grey is Ingot only)
**SCP** - Definity™ Cover Plate Prefix **436** - Product No **SS** - Plate Colour.
**BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel, **MW** Metal White, **MB** Metal Black, **PW** White, **BK** Matt Black

## Insert Design

**13A 2 Gang DP Switched Safety Shutter Socket Outlet With Outboard Rockers (Twin Earth) Insert**

**13A 2 Gang DP Switched Safety Shutter Socket Outlet With Outboard Rockers & Neons (Twin Earth) Insert**

**UK 13A 1 Gang Switched Socket Outlet with 2.1A USB Outlet**

## Select either a Standard or Ingot Insert

**Standard Insert**
SIN1836BK - Black
SIN1836PW - White

**Ingot Switch Insert**
SIN1836BKBS
Black & Brushed Stainless
SIN1836BKCH
Black & Chrome
SIN1836BKSS
Black & Stainless Steel
SIN1836PWBS
White & Brushed Stainless
SIN1836PWCH
White & Chrome
SIN1836PWSS
White & Stainless Steel

Only available for sale in the Republic of Ireland.

**Standard Insert**
SIN1840BK - Black
SIN1840PW - White

Only available for sale in the Republic of Ireland.

**Standard Insert**
SIN771UBK - Black
SIN771UPW - White

**Ingot Switch Insert**
SIN571UBKBS
Black & Brushed Stainless
SIN571UBKCH
Black & Chrome
SIN571UBKSS
Black & Stainless Steel
SIN571UPWBS
White & Brushed Stainless
SIN571UPWCH
White & Chrome
SIN571UPWSS
White & Stainless Steel
SIN571UGYBS
Grey & Brushed Stainless
SIN571UGYSS
Grey & Stainless Steel

## Cover Plate

**13A 2 Gang Outboard Switched Safety Shutter Socket Cover Plate**

SCP840

**UK 13A 1 Gang Switched Socket Outlet with 2.1A USB Outlet Cover Plate**

SCP471U

**Standards:** BS 1363-2 **771U:** BS 1363-2: 2016 +A1: 2018 BS EN IEC 62368-1 BS EN 62680-1-1
**Back Box Depth (mm):** 35 **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 4 (D) **2 Gang:** 146 (W) x 86 (H) x 4 (D)

**Understanding the code:**
**SIN** - Insert Prefix **036** - Product No **BK** - Insert Colour **SS** - 'Ingot' Switch Finish (if applicable).
**PW** White, **BK** Black, **GY** Grey (Grey is Ingot only)
**SCP** - Definity™ Cover Plate Prefix **436** - Product No **SS** - Plate Colour.
**BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel, **MW** Metal White, **MB** Metal Black, **PW** White, **BK** Matt Black





Safety Shutter Sockets (Excluding USB options) are only available for sale in the Republic of Ireland.

## Insert Design

**UK 13A 2 Gang Switched Socket Outlet with 2.1A USB Outlet**

**UK 13A 2 Gang Switched Socket Outlet with Twin 2.1A USB Outlets**

**13A 2 Gang Switched Socket Outlet With Type A & C USB (4.2A) Outlets (Twin Earth) Insert**

## Select either a Standard or Ingot Insert

**Standard Insert**
SIN770BK - Black
SIN770PW - White

**Ingot Switch Insert**
SIN570BKBS
Black & Brushed Stainless
SIN570BKCH
Black & Chrome
SIN570BKSS
Black & Stainless Steel
SIN570PWBS
White & Brushed Stainless
SIN570PWCH
White & Chrome
SIN570PWSS
White & Stainless Steel

**Standard Insert**
SIN780BK - Black
SIN780PW - White

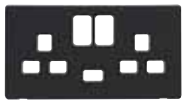
**Ingot Switch Insert**
SIN580BKBS
Black & Brushed Stainless
SIN580BKCH
Black & Chrome
SIN580BKSS
Black & Stainless Steel
SIN580PWBS
White & Brushed Stainless
SIN580PWCH
White & Chrome
SIN580PWSS
White & Stainless Steel
SIN580GYBS
Grey & Brushed Stainless
SIN580GYSS
Grey & Stainless Steel

**Standard Insert**
SIN786BK - Black
SIN786PW - White

**Ingot Switch Insert**
SIN586BKBS
Black & Brushed Stainless
SIN586BKCH
Black & Chrome
SIN586BKSS
Black & Stainless Steel
SIN586PWBS
White & Brushed Stainless
SIN586PWCH
White & Chrome
SIN586PWSS
White & Stainless Steel
SIN586GYBS
Grey & Brushed Stainless
SIN586GYSS
Grey & Stainless Steel

## Cover Plate

**UK 13A 2 Gang Switched Socket Outlet with 2.1A USB Outlet Cover Plate**



SCP470

**UK 13A 2 Gang Switched Socket Outlet with Twin 2.1A USB Outlet Cover Plate**

SCP480

**UK 13A 2 Gang Switched Safety Shutter Socket Outlet With Type A & C USB (4.2A) Cover Plate**

SCP486

**Standards:** BS 1363-2: 2016 +A1: 2018 BS EN IEC 62368-1 BS EN 62680-1-1
**Back Box Depth (mm):** 35 **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 4 (D) **2 Gang:** 146 (W) x 86 (H) x 4 (D)

**Understanding the code:**
**SIN** - Insert Prefix **036** - Product No **BK** - Insert Colour **SS** - 'Ingot' Switch Finish (if applicable).
**PW** White, **BK** Black, **GY** Grey (Grey is Ingot only)
**SCP** - Definity™ Cover Plate Prefix **436** - Product No **SS** - Plate Colour.
**BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel, **MW** Metal White, **MB** Metal Black, **PW** White, **BK** Matt Black

## Insert Design

**13A Fused Connection Unit with Flex Outlet**

**13A Fused Connection Unit Double Pole Switched with Flex Outlet**

**13A Fused Connection Unit Double Pole Switched with Flex Outlet & Neon**

**13A Fused Connection Unit with Flex Outlet & Neon**

## Select either a Standard or Ingot Insert

**Standard Insert**
SIN050BK - Black
SIN050PW - White

**Ingot Switch Insert**
SIN550BKBS
Black & Brushed Stainless
SIN550BKCH
Black & Chrome
SIN550BKSS
Black & Stainless Steel
SIN550PWBS
White & Brushed Stainless
SIN550PWCH
White & Chrome
SIN550PWSS
White & Stainless Steel
SIN550GYBS
Grey & Brushed Stainless
SIN550GYSS
Grey & Stainless Steel

**Standard Insert**
SIN051BK - Black
SIN051PW - White

**Ingot Switch Insert**
SIN551BKBS
Black & Brushed Stainless
SIN551BKCH
Black & Chrome
SIN551BKSS
Black & Stainless Steel
SIN551PWBS
White & Brushed Stainless
SIN551PWCH
White & Chrome
SIN551PWSS
White & Stainless Steel
SIN551GYBS
Grey & Brushed Stainless
SIN551GYSS
Grey & Stainless Steel

**Standard Insert**
SIN052BK - Black
SIN052PW - White

**Ingot Switch Insert**
SIN552BKBS
Black & Brushed Stainless
SIN552BKCH
Black & Chrome
SIN552BKSS
Black & Stainless Steel
SIN552PWBS
White & Brushed Stainless
SIN552PWCH
White & Chrome
SIN552PWSS
White & Stainless Steel
SIN552GYBS
Grey & Brushed Stainless
SIN552GYSS
Grey & Stainless Steel

**Standard Insert**
SIN053BK - Black
SIN053PW - White

**Ingot Switch Insert**
SIN553BKBS
Black & Brushed Stainless
SIN553BKCH
Black & Chrome
SIN553BKSS
Black & Stainless Steel
SIN553PWBS
White & Brushed Stainless
SIN553PWCH
White & Chrome
SIN553PWSS
White & Stainless Steel
SIN553GYBS
Grey & Brushed Stainless
SIN553GYSS
Grey & Stainless Steel

## Cover Plate

**13A FCU with Flex Outlet Cover Plate**
SCP150

**13A FCU Switched with Flex Outlet Cover Plate**
SCP151

**13A FCU Switched with Flex Outlet & Neon Cover Plate**
SCP152

**13A FCU with Flex Outlet & Neon Cover Plate**
SCP153

**Standards:** BS 1363-4 BS 1362
**Back Box Depth (mm):** 35 **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 4 (D)

**Understanding the code:**
**SIN** - Insert Prefix **036** - Product No **BK** - Insert Colour **SS** - 'Ingot' Switch Finish (if applicable).
**PW** White, **BK** Black, **GY** Grey (Grey is Ingot only)
**SCP** - Definity™ Cover Plate Prefix **436** - Product No **SS** - Plate Colour.
**BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel, **MW** Metal White, **MB** Metal Black, **PW** White, **BK** Matt Black





## Insert Design

**13A Fused Connection Unit**

**13A Fused Connection Unit, Double Pole Switched**

**13A Fused Connection Unit, Double Pole Switched with Neon**

**13A Fused Connection Unit with Neon**

## Select either a Standard or Ingot Insert

**Standard Insert**
SIN650BK - Black
SIN650PW - White

**Ingot Switch Insert**
SIN750BKBS
Black & Brushed Stainless
SIN750BKCH
Black & Chrome
SIN750BKSS
Black & Stainless Steel
SIN750PWBS
White & Brushed Stainless
SIN750PWCH
White & Chrome
SIN750PWSS
White & Stainless Steel
SIN750GYBS
Grey & Brushed Stainless
SIN750GYSS
Grey & Stainless Steel

**Standard Insert**
SIN651BK - Black
SIN651PW - White

**Ingot Switch Insert**
SIN751BKBS
Black & Brushed Stainless
SIN751BKCH
Black & Chrome
SIN751BKSS
Black & Stainless Steel
SIN751PWBS
White & Brushed Stainless
SIN751PWCH
White & Chrome
SIN751PWSS
White & Stainless Steel
SIN751GYBS
Grey & Brushed Stainless
SIN751GYSS
Grey & Stainless Steel

**Standard Insert**
SIN652BK - Black
SIN652PW - White

**Ingot Switch Insert**
SIN752BKBS
Black & Brushed Stainless
SIN752BKCH
Black & Chrome
SIN752BKSS
Black & Stainless Steel
SIN752PWBS
White & Brushed Stainless
SIN752PWCH
White & Chrome
SIN752PWSS
White & Stainless Steel
SIN752GYBS
Grey & Brushed Stainless
SIN752GYSS
Grey & Stainless Steel

**Standard Insert**
SIN653BK - Black
SIN653PW - White

**Ingot Switch Insert**
SIN753BKBS
Black & Brushed Stainless
SIN753BKCH
Black & Chrome
SIN753BKSS
Black & Stainless Steel
SIN753PWBS
White & Brushed Stainless
SIN753PWCH
White & Chrome
SIN753PWSS
White & Stainless Steel
SIN753GYBS
Grey & Brushed Stainless
SIN753GYSS
Grey & Stainless Steel

## Cover Plate

**13A FCU Cover Plate**
SCP250

**13A FCU Switched Cover Plate**
SCP251

**13A FCU Switched with Neon Cover Plate**
SCP252

**13A FCU with Neon Cover Plate**
SCP253

**Standards:** BS 1363-4 BS 1362
**Back Box Depth (mm):** 35 **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 4 (D)

**Understanding the code:**
**SIN** - Insert Prefix **036** - Product No **BK** - Insert Colour **SS** - 'Ingot' Switch Finish (if applicable).
**PW** White, **BK** Black, **GY** Grey (Grey is Ingot only)
**SCP** - Definity™ Cover Plate Prefix **436** - Product No **SS** - Plate Colour.
**BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel, **MW** Metal White, **MB** Metal Black, **PW** White, **BK** Matt Black

## Insert Design

**13A Fused Connection Unit with Flex Outlet**

**13A Fused Connection Unit, Double Pole Switched with Flex Outlet**

**13A Fused Connection Unit, Double Pole Switched with Flex Outlet & Neon**

**13A Fused Connection Unit with Flex Outlet & Neon**

## Select a Standard Insert

Lockable

**Standard Insert**
SIN250BK - Black
SIN250PW - White

Lockable

**Standard Insert**
SIN251BK - Black
SIN251PW - White

Lockable

**Standard Insert**
SIN252BK - Black
SIN252PW - White

Lockable

**Standard Insert**
SIN253BK - Black
SIN253PW - White

## Cover Plate

**13A FCU with Flex Outlet Cover Plate**
SCP350

Available in Red (RD)

**13A FCU Switched with Flex Outlet Cover Plate**
SCP351

Available in Red (RD)

**13A FCU Switched with Flex Outlet & Neon Cover Plate**
SCP352

**13A FCU with Flex Outlet & Neon Cover Plate**
SCP353

**Standards:** BS 1363-4 BS 1362
**Back Box Depth (mm):** 35 **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 4 (D)

**Understanding the code:**
**SIN** - Insert Prefix **036** - Product No **BK** - Insert Colour **SS** - 'Ingot' Switch Finish (if applicable).
**PW** White, **BK** Black.
**SCP** - Definity™ Cover Plate Prefix **436** - Product No **SS** - Plate Colour.
**BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel, **MW** Metal White, **MB** Metal Black, **PW** White, **BK** Matt Black





## Insert Design

**13A Fused Connection Unit**

**13A Fused Connection Unit, Double Pole Switched**

**13A Fused Connection Unit, Double Pole Switched with Neon**

**13A Fused Connection Unit with Neon**

## Select a Standard Insert

Lockable

**Standard Insert**
SIN850BK - Black
SIN850PW - White

Lockable

**Standard Insert**
SIN851BK - Black
SIN851PW - White

Lockable

**Standard Insert**
SIN852BK - Black
SIN852PW - White

Lockable

**Standard Insert**
SIN853BK - Black
SIN853PW - White

## Cover Plate

**13A FCU Cover Plate**
SCP450

**13A FCU Switched Cover Plate**
SCP451

**13A FCU Switched with Neon Cover Plate**
SCP452

**13A FCU with Neon Cover Plate**
SCP453

**Standards:** BS 1363-4 BS 1362
**Back Box Depth (mm):** 35 **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 4 (D)

**Understanding the code:**
**SIN** - Insert Prefix **036** - Product No **BK** - Insert Colour **SS** - 'Ingot' Switch Finish (if applicable).
**PW** White, **BK** Black.
**SCP** - Definity™ Cover Plate Prefix **436** - Product No **SS** - Plate Colour.
**BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel, **MW** Metal White, **MB** Metal Black, **PW** White, **BK** Matt Black

## Insert Design

**3A Fused Connection Unit with Flex Outlet**

**3A Fused Connection Unit Double Pole Switched with Flex Outlet**

**45A Double Pole Switch (Single Plate)**

**45A Double Pole Switch with Neon (Single Plate)**

## Select either a Standard or Ingot Insert

Lockable

**Standard Insert**
SIN249RD - Red

Lockable

**Standard Insert**
SIN256RD - Red

**Standard Insert**
SIN200BK - Black
SIN200PW - White

**Ingot Switch Insert**
SIN500BKBS
Black & Brushed Stainless
SIN500BKCH
Black & Chrome
SIN500BKSS
Black & Stainless Steel
SIN500PWBS
White & Brushed Stainless
SIN500PWCH
White & Chrome
SIN500PWSS
White & Stainless Steel
SIN500GYBS
Grey & Brushed Stainless
SIN500GYSS
Grey & Stainless Steel

**Standard Insert**
SIN201BK - Black
SIN201PW - White

**Ingot Switch Insert**
SIN501BKBS
Black & Brushed Stainless
SIN501BKCH
Black & Chrome
SIN501BKSS
Black & Stainless Steel
SIN501PWBS
White & Brushed Stainless
SIN501PWCH
White & Chrome
SIN501PWSS
White & Stainless Steel
SIN501GYBS
Grey & Brushed Stainless
SIN501GYSS
Grey & Stainless Steel

## Cover Plate

**13A FCU with Flex Outlet Cover Plate**
SCP350

Available in Red (RD)

**13A FCU Switched with Flex Outlet Cover Plate**
SCP351

Available in Red (RD)

**45A Switch Cover Plate**
SCP200

**45A Switch with Neon Cover Plate**
SCP201

**Standards:** BS EN 60669-1 **249 256:** BS 1363-4 BS 1362
**Back Box Depth (mm):** 47 **249 256:** 35 **Cable Size (mm²):** 1 x 16 **249 256:** 3 x 2.5 or 2 x 4
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 4 (D)

**Understanding the code:**
**SIN** - Insert Prefix **036** - Product No **BK** - Insert Colour **SS** - 'Ingot' Switch Finish (if applicable).
**PW** White, **BK** Black, **GY** Grey (Grey is Ingot only)
**SCP** - Definity™ Cover Plate Prefix **436** - Product No **SS** - Plate Colour.
**BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel, **MW** Metal White, **MB** Metal Black, **PW** White, **BK** Matt Black





## Insert Design

**45A Double Pole Switch (Vertical Double Plate)**

**45A Double Pole Switch with Neon (Vertical Double Plate)**

**45A Double Pole Switch with 13A Double Pole Switched Socket Outlet**

**45A Double Pole Switch with 13A Double Pole Switched Socket Outlet & Neons**

## Select either a Standard or Ingot Insert

**Standard Insert**
SIN202BK - Black
SIN202PW - White

**Ingot Switch Insert**
SIN502BKBS
Black & Brushed Stainless
SIN502BKCH
Black & Chrome
SIN502BKSS
Black & Stainless Steel
SIN502PWBS
White & Brushed Stainless
SIN502PWCH
White & Chrome
SIN502PWSS
White & Stainless Steel
SIN502GYBS
Grey & Brushed Stainless
SIN502GYSS
Grey & Stainless Steel

**Standard Insert**
SIN203BK - Black
SIN203PW - White

**Ingot Switch Insert**
SIN503BKBS
Black & Brushed Stainless
SIN503BKCH
Black & Chrome
SIN503BKSS
Black & Stainless Steel
SIN503PWBS
White & Brushed Stainless
SIN503PWCH
White & Chrome
SIN503PWSS
White & Stainless Steel
SIN503GYBS
Grey & Brushed Stainless
SIN503GYSS
Grey & Stainless Steel

**Standard Insert**
SIN204BK - Black
SIN204PW - White

**Ingot Switch Insert**
SIN504BKBS
Black & Brushed Stainless
SIN504BKCH
Black & Chrome
SIN504BKSS
Black & Stainless Steel
SIN504PWBS
White & Brushed Stainless
SIN504PWCH
White & Chrome
SIN504PWSS
White & Stainless Steel
SIN504GYBS
Grey & Brushed Stainless
SIN504GYSS
Grey & Stainless Steel

**Standard Insert**
SIN205BK - Black
SIN205PW - White

**Ingot Switch Insert**
SIN505BKBS
Black & Brushed Stainless
SIN505BKCH
Black & Chrome
SIN505BKSS
Black & Stainless Steel
SIN505PWBS
White & Brushed Stainless
SIN505PWCH
White & Chrome
SIN505PWSS
White & Stainless Steel
SIN505GYBS
Grey & Brushed Stainless
SIN505GYSS
Grey & Stainless Steel

## Cover Plate

**45A Switch Vertical Double Cover Plate**
SCP202

**45A Switch Vertical Double Cover Plate with Neon** SCP203

**45A Switch with Switch Socket Outlet Cover Plate**
SCP204

**45A Switch with Switch Socket Outlet with Neons Cover Plate**
SCP205

**Standards:** BS EN 60669-1 **204 205 504 505:** BS 4177
**Back Box Depth (mm):** 47 **Cable Size (mm²):** 1 x 16
**Dimensions (mm): 2 Gang:** 146 (W) x 86 (H) x 4 (D) **202 203:** 86 (W) x 146 (H) x 4 (D)

**Understanding the code:**
**SIN** - Insert Prefix **036** - Product No **BK** - Insert Colour **SS** - 'Ingot' Switch Finish (if applicable).
**PW** White, **BK** Black, **GY** Grey (Grey is Ingot only)
**SCP** - Definity™ Cover Plate Prefix **436** - Product No **SS** - Plate Colour.
**BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel, **MW** Metal White, **MB** Metal Black, **PW** White, **BK** Matt Black

## Insert Design

**1 Gang Blank Plate**

**2 Gang Blank Plate**

**Single RJ11 Telephone Outlet (US / Irish)**

## Select a Standard Insert

**Standard Insert**
SIN060BK - Black
SIN060PW - White

**Standard Insert**
SIN061BK - Black
SIN061PW - White

**Standard Insert**
SIN115BK - Black
SIN115PW - White

## Cover Plate

**1 Gang Blank Cover Plate**
SCP060

**2 Gang Blank Cover Plate**
SCP061

**Single RJ11 Socket Outlet Cover Plate**
SCP115

**Standards: 060 061:** BS 5733
**Back Box Depth (mm): 060:** 16 **061:** 25 **115:** 47 **Termination Type: 115:** Screw
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 4 (D) **2 Gang:** 146 (W) x 86 (H) x 4 (D)

**Understanding the code:**
**SIN** - Insert Prefix **036** - Product No **BK** - Insert Colour **SS** - 'Ingot' Switch Finish (if applicable).
**PW** White, **BK** Black.
**SCP** - Definity™ Cover Plate Prefix **436** - Product No **SS** - Plate Colour.
**BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel, **MW** Metal White, **MB** Metal Black, **PW** White, **BK** Matt Black





## Insert Design

**Single Telephone Master**

**Single Telephone Secondary**

**Twin Telephone Master**

**Twin Telephone Secondary**

## Select a Standard Insert

**Standard Insert**
SIN120BK - Black
SIN120PW - White

**Standard Insert**
SIN125BK - Black
SIN125PW - White

**Standard Insert**
SIN121BK - Black
SIN121PW - White

**Standard Insert**
SIN126BK - Black
SIN126PW - White

## Cover Plate

**Single Telephone Outlet Cover Plate**
SCP120

**Twin Telephone Outlet Cover Plate**
SCP121

**Back Box Depth (mm):** 25 **Termination Type:** IDC
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 4 (D)

**Understanding the code:**
**SIN** - Insert Prefix **036** - Product No **BK** - Insert Colour **SS** - 'Ingot' Switch Finish (if applicable).
**PW** White, **BK** Black.
**SCP** - Definity™ Cover Plate Prefix **436** - Product No **SS** - Plate Colour.
**BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel, **MW** Metal White, **MB** Metal Black, **PW** White, **BK** Matt Black

## Insert Design

**Single Coaxial Socket Outlet (Unshielded)**

**Single 'Isolated' Coaxial Socket Outlet (Unshielded)**

**Single Satellite 'F' Outlet (Unshielded)**

## Select a Standard Insert

**Standard Insert**
SIN065BK - Black
SIN065PW - White

**Standard Insert**
SIN158BK - Black
SIN158PW - White

**Standard Insert**
SIN156BK - Black
SIN156PW - White

## Cover Plate

**Single Coaxial / Satellite Outlet Cover Plate**
SCP231

**Back Box Depth (mm):** 25
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 4 (D)

**Understanding the code:**
**SIN** - Insert Prefix **036** - Product No **BK** - Insert Colour **SS** - 'Ingot' Switch Finish (if applicable).
**PW** White, **BK** Black.
**SCP** - Definity™ Cover Plate Prefix **436** - Product No **SS** - Plate Colour.
**BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel, **MW** Metal White, **MB** Metal Black, **PW** White, **BK** Matt Black





## Insert Design

**Twin Coaxial Socket Outlet (Unshielded)**

**Twin 'Isolated' Coaxial Socket Outlet (Unshielded)**

**'Isolated' Coaxial & Satellite 'F' Socket Outlet (Unshielded)**

**'Non-Isolated' Coaxial & Satellite 'F' Socket Outlet (Unshielded)**

## Select a Standard Insert

**Standard Insert**
SIN066BK - Black
SIN066PW - White

**Standard Insert**
SIN159BK - Black
SIN159PW - White

**Standard Insert**
SIN157BK- Black
SIN157PW- White

**Standard Insert**
SIN170BK- Black
SIN170PW - White

## Cover Plate

**Twin Coaxial / Satellite Outlet Cover Plate**
SCP232

**Back Box Depth (mm):** 25
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 4 (D)

**Understanding the code:**
**SIN** - Insert Prefix **036** - Product No **BK** - Insert Colour **SS** - 'Ingot' Switch Finish (if applicable).
**PW** White, **BK** Black.
**SCP** - Definity™ Cover Plate Prefix **436** - Product No **SS** - Plate Colour.
**BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel, **MW** Metal White, **MB** Metal Black, **PW** White, **BK** Matt Black

## Insert Design

**Single Plate**
**Single New Media™**
**Module Aperture**

**Single Plate**
**Twin New Media™**
**Module Aperture**

**Double Plate**
**Quad New Media™**
**Module Aperture**

## Select a Standard Insert

| Standard Insert | Standard Insert | Standard Insert |
|---|---|---|
| SIN310BK | SIN311BK | SIN312BK |

## Cover Plate

**Single Plate Single New Media™ Module Aperture Cover Plate**
SCP310

**Single Plate Twin New Media™ Module Aperture Cover Plate**
SCP311

**Double Plate Quad New Media™ Module Aperture Cover Plate**
SCP312

These cover plates are available in Red (RD) & Antique brass (AB)

**Back Box Depth (mm):** Dependent On Modules Fitted
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 4 (D) **2 Gang:** 146 (W) x 86 (H) x 4 (D)

**Understanding the code:**
**SIN** - Insert Prefix **036** - Product No **BK** - Insert Colour **SS** - 'Ingot' Switch Finish (if applicable).
**PW** White, **BK** Black.
**SCP** - Definity™ Cover Plate Prefix **436** - Product No **SS** - Plate Colour.
**BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel, **MW** Metal White, **MB** Metal Black, **PW** White, **BK** Matt Black

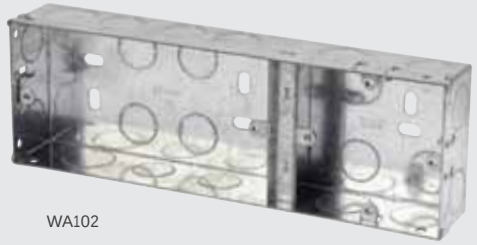
WA092

WA094

WA095

SP640

WA099



WA102

For the complete range of back boxes see Essentials™ page N4.

essentials™

### Galvanised Steel Back Boxes

| | | | |
|---|---|---|---|
| WA092 | 1 Gang 16mm Deep Galvanised Steel K.O. Box | WA097 | 1 Gang 47mm Deep Galvanised Steel K.O. Box |
| WA093 | 1 Gang 25mm Deep Galvanised Steel K.O. Box | WA098 | 2 Gang 47mm Deep Galvanised Steel K.O. Box |
| WA094 | 2 Gang 25mm Deep Galvanised Steel K.O. Box | WA099 | 1 + 1 35mm Deep Dual Accessory Box |
| WA095 | 1 Gang 35mm Deep Galvanised Steel K.O. Box | WA102 | 1 + 2 35mm Deep Dual Accessory Box |
| WA096 | 2 Gang 35mm Deep Galvanised Steel K.O. Box | | |

### Longer Fixing Screws

| | |
|---|---|
| SP640BN | Define® M3.5 Dia. 40mm Long Screws (Bag 100) |
| SP640CH | Define® M3.5 Dia. 40mm Long Screws (Bag 100) |

**Standards:** BS 4662 **640:** ISO 2010
**Dimensions (mm):** **092:** 70 (W) x 70 (H) x 16 (D) **093:** 70 (W) x 70 (H) x 25 (D) **094:** 135 (W) x 70 (H) x 25 (D)
**095:** 70 (W) x 70 (H) x 35 (D) **096:** 135 (W) x 70 (H) x 35 (D) **097:** 70 (W) x 70 (H) x 47 (D) **098:** 135 (W) x 70 (H) x 47 (D)
**099:** 158 (W) x 74 (H) x 35 (D) **102:** 220 (W) x 74 (H) x 35 (D)

WA4247

### FlameGuard® Dry Lining Boxes

| | |
|---|---|
| WA4135 | 1 Gang 35mm Deep FlameGuard® Dry Lining Box |
| WA4147 | 1 Gang 47mm Deep FlameGuard® Dry Lining Box |
| WA4235 | 2 Gang 35mm Deep FlameGuard® Dry Lining Box |
| WA4247 | 2 Gang 47mm Deep FlameGuard® Dry Lining Box |

WA106P

### Dry Lining Boxes (Sprung Fixing Lugs)

| | |
|---|---|
| WA087SF | 1 Gang 35mm Deep Dry Lining Box |
| WA088SF | 2 Gang 35mm Deep Dry Lining Box |
| WA106SF | 1 Gang 47mm Deep Dry Lining Box |
| WA107SF | 2 Gang 47mm Deep Dry Lining Box |

WA107P

### Dry Lining Boxes

| | |
|---|---|
| WA087P | 1 Gang 35mm Deep Dry Lining Box |
| WA088P | 2 Gang 35mm Deep Dry Lining Box |
| WA106P | 1 Gang 47mm Deep Dry Lining Box |
| WA107P | 2 Gang 47mm Deep Dry Lining Box |
| WA108P | Round Ceiling 34mm Deep Dry Lining Box |

GA100

### Ezylink' Dry Lining Boxes

GA100 'Ezylink' Dry Lining Box Connector

Suitable for use with WA087P, WA088P, WA106P & WA107P.

essentials™

For the complete range of back boxes see Essentials™ page N4.
For the complete range of longer fixing screws see Essentials™ page N9.

**Dimensions (mm): 095:**94.3 (W) x 94.3 (H) x 11 (D) **096:** 152.3 (W) x 94.3 (H) x 11 (D)

FlameGuard® back boxes have been tested and conform to both fire and acoustic BS EN standards. Fire: BS EN 1364-1 Acoustic: BS EN ISO 140-2. Complies with Building Regulations Fire tested up to 90 minutes with the cabability of the boxes being mounted back to back.

# Ergonomic Electrical Accessories

MODE®

# MODE®

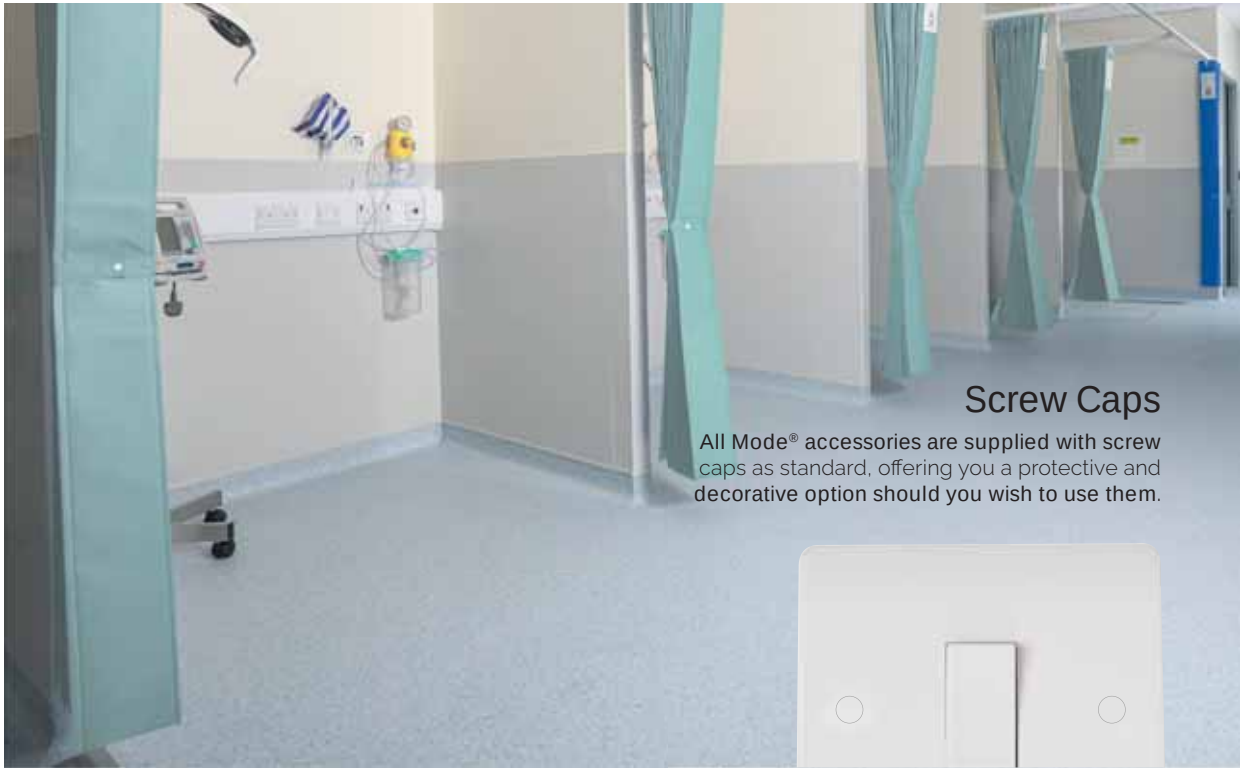
## A Stylish, Contemporary & Flexible Range of Smooth Profile Accessories

There are many crucial elements of any interior design – the more obvious ones are décor and furnishings. Less obvious but no less important are electrical accessories; particularly wall accessories which, by their very nature need to be located in prominent line of sight positions.

When selecting wiring accessories designers have often compromised their schemes as they have been unable to identify a suitably flexible solution to satisfy their ideas.

Mode® accessories can now provide that flexibility with a comprehensive selection of products ranging from the humble light switch and socket outlet through to more specialised products dealing with the very latest developments in telephone and satellite products.

Mode® accessories have been conceived and developed as a high quality, flexible and modern solution to virtually any domestic wiring requirement. The smooth, modern lines of the Mode® accessory plate will fit easily into traditional and contemporary designs alike. The modular design of Mode® allows designers and installers unprecedented flexibility in creating dedicated wiring solutions to deal specifically with actual wiring needs. In other words, there is now no need to compromise Mode® accessories provide the complete solution to modern wiring needs.



### Screw Caps

All Mode® accessories are supplied with screw caps as standard, offering you a protective and decorative option should you wish to use them.

ANTIBACTERIAL & ANTIVIRAL
Certified Products

# Antiviral & Antibacterial Certified

Mode® plates are manufactured using Urea Formaldehyde, which has similar inherent properties to antimicrobial additives that inhibit the growth of infectious diseases.

Mode® plates have been independently tested and have shown to have anti-viral properties against enveloped and non-enveloped viruses.

After a contact period of 4 hours, Mode® was shown to have a 99.9% kill off rate against enveloped viruses and a 92% kill off rate against non-enveloped viruses.

All products independently tested achieved a 99.99% kill off rate across all four types of the strains of bacteria - MRSA, E-Coli, Salmonella, Klebsiella Pneumonia and enveloped viruses.

## Contents


| | |
|---|---|
| Switches | G5 |
| Back Boxes | G9 |
| Power Socket Outlets | G14 |
| Fused Connection Units | G20 |
| Control Switches | G22 |
| Ceiling Accessories | G28 |
| Connection & Flex Outlet Plates | G29 |
| Telephone & Data Sockets | G32 |
| TV & Satellite | G33 |
| New Media™ Plates | G34 |
| Pattress Boxes | G35 |
| Dry Lining Boxes | G36 |


25 YR WARRANTY

# 25 Year Warranty

All Mode® products are covered by our 25 year warranty against any fault in materials or manufacture experienced at any time within 25 years of the date of supply.

# Switches

MINIGRID®

The products illustrated in this section of the catalogue are finished plates and unfurnished mounting plates.

For information on the full range of modules available please refer to the MiniGrid® section of this catalogue.

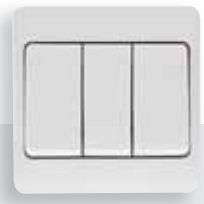
The Mode® range of switches has been developed largely as a modular range based on the large selection of Polar White coloured switch modules available in the MiniGrid® range.

These same modules are interchangeable in other Click® accessory ranges. Simple, single screw fixing of modules offers the simplest possible means of installing and replacing modules.

Media transfer plates and modules can be found in the New Media™ section of this catalogue.

811 | 825 | 828

812



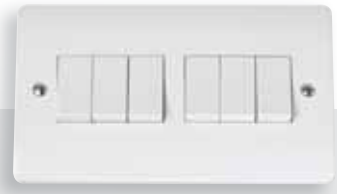
813

### Wide Rocker Switches - Non Modular

| | |
|---|---|
| CMA811 | 10AX 1 Gang 2 Way Wide Rocker Switch |
| CMA812 | 10AX 2 Gang 2 Way Wide Rocker Switch |
| CMA813 | 10AX 3 Gang 2 Way Wide Rocker Switch |
| CMA825 | 10AX 1 Gang Wide Rocker Intermediate Switch |
| CMA828 | 10AX 1 Gang 2 Way Wide Rocker Retractive Switch |

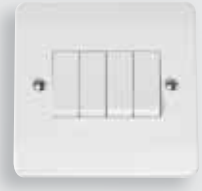
010 | 011

012



105

013



9014

019

MINIGRID® For the complete range of MiniGrid® modules, see the dedicated MiniGrid® section, page K18.

### Plates Switches - MiniGrid®

| | |
|---|---|
| CMA010 | 10AX 1 Gang 1 Way Plate Switch |
| CMA011 | 10AX 1 Gang 2 Way Plate Switch |
| CMA012 | 10AX 2 Gang 2 Way Plate Switch |
| CMA013 | 10AX 3 Gang 2 Way Plate Switch |
| CMA019 | 10AX 4 Gang 2 Way Plate Switch |
| CMA105 | 10AX 6 Gang 2 Way Plate Switch |

### Plates Switches - Non Modular

| | |
|---|---|
| CMA9014 | 10AX 4 Gang 2 Way Single Plate Switch |

**Standards:** BS EN 60669-1
**Back Box Depth (mm):** 16
**Cable Size (mm²):** 4 x 1.5 or 2 x 2.5 **Non Modular:** 2 x 1.5
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 9.5 (D) **2 Gang:** 146 (W) x 86 (H) x 9.5 (D)

026

027

028

110

171 172

### Architrave Switches - MiniGrid®

CMA171 10AX 1 Gang 2 Way Architrave Switch

CMA172 10AX 2 Gang 2 Way Architrave Switch

Architrave plates can be used with the dedicated architrave pattress boxes CMA175 & CMA176 or standard architrave flush boxes WA671 & WA672. They will also not accept MD070 & MD075 Switch modules.

### Plates Switches - MiniGrid®

CMA025 10AX 1 Gang Intermediate Plate Switch

CMA026 10AX 1 Gang 2 Way Key Switch

CMA027 10AX 1 Gang 1 Way Retractive 'Bell' Switch

CMA028 10AX 1 Gang 1 Way Retractive 'Push' Switch

CMA110 10AX 1 Gang DP 'Emergency Test' Key Switch

Switch modules interchangeable with MiniGrid® modules in Polar white (PW) finish.

**Standards:** BS EN 60669-1
**Back Box Depth (mm):** 16 **171 172:** 25
**Cable Size (mm²):** 4 x 1.5 or 2 x 2.5 **171 172:** 2 x 1.5
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 9.5 (D) **171:** 32 (W) x 86 (H) x 9.5 (D) **172:** 32 (W) x 146 (W) x 9.5 (D)

### Unfurnished Plates - MiniGrid®

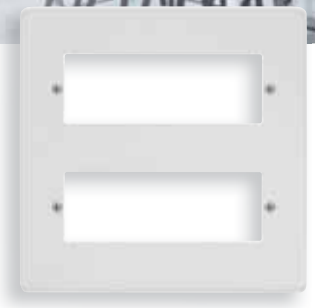
CMA401 1 Gang MiniGrid® Unfurnished Plate - 1 Aperture
CMA402 1 Gang MiniGrid® Unfurnished Plate - 2 Apertures
CMA403 1 Gang MiniGrid® Unfurnished Plate - 3 Apertures
CMA404 2 Gang MiniGrid® Unfurnished Plate - 2 x 2 Apertures
CMA406 2 Gang MiniGrid® Unfurnished Plate - 2 x 3 Apertures
CMA426 2 Gang MiniGrid® Unfurnished Plate - 6 In-Line Apertures
CMA432 2 Gang MiniGrid® Unfurnished Plate - 3 Apertures

MINIGRID®

Switch modules interchangeable with MiniGrid® Modules in Polar White (PW) finish. For the complete range of MiniGrid® modules, see the dedicated MiniGrid® section, page K18.

**Standards:** BS 5733
**Back Box Depth (mm):** Dependent On Module Fitted
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 9.5 (D) **2 Gang:** 146 (W) x 86 (H) x 9.5 (D)

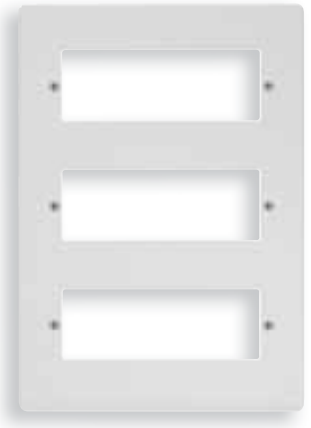
The furnished plate shown here contains a selection of both single and twin width MiniGrid® modules. The yoke 'GR100' is required to mount the MiniGrid® modules into prior to assembling the frontplate.



612

### 2 Tier Unfurnished Plates - MiniGrid®

CMA612 2 Tier MiniGrid® Unfurnished Plate & Yokes - 12 Apertures - Mode®



618

### 3 Tier Unfurnished Plates - MiniGrid®

CMA618 3 Tier MiniGrid® Unfurnished Plate & Yokes - 18 Apertures - Mode®

Switch modules interchangeable with MiniGrid® Modules in Polar White (PW) finish. For the complete range of MiniGrid® modules, see the dedicated MiniGrid® section, page K18.

MINIGRID®

If dimmer modules are to be mounted directly above each other, the MD9014 (page K37) or similar height dimmer modules must be installed. Alternatively, retractive switch modules MD004 (page K21) can be used in conjunction with Click Smart+ dimming receivers (page B22).

**Standards:** BS 5733
**Back Box Depth (mm):** 47
**Dimensions (mm):** **612:** 146 (W) x 153 (H) x 9.5 (D) **618:** 146 (W) x 214 (H) x 9.5 (D)

MINIGRID®

Galvanised steel back boxes supplied for flush mounting of the large MiniGrid® plates. Mounting Yoke facilitates pre-assembly of required modules. Fitted with twin earth terminals.

WA512 WA518

### Galvanised Steel Back Boxes

WA512 2 Tier 47mm Deep K.O. Box
WA518 3 Tier 47mm Deep K.O. Box

**Standards:** BS 4662
**Dimensions (mm):** **WA512:** 137 (W) x 137 (H) x 47 (D) **WA518:** 137 (W) x 197 (H) x 47 (D)

161

162

163

164

MINIGRID® Interchangeable modules available on page K37.

### Dimmer Switches (Trailing Edge)

| | |
|---|---|
| CMA161 | 1 Gang 2 Way 100W Dimmer Switch |
| CMA162 | 2 Gang 2 Way 100W Dimmer Switch |
| CMA163 | 3 Gang 2 Way 100W Dimmer Switch |
| CMA164 | 4 Gang 2 Way 100W Dimmer Switch |

We recommend the use of branded LED lamps with all Mode® trailing edge dimmers. The use of inferior, non-branded lamps may require the nominal rating of the dimmer to be reduced. For further information please contact Click® Technical support team.

**Standards:** BS EN 60669-1 BS EN 60669-2-1 BS EN 55015 BS EN 61000-3-2
**Back Box Depth (mm):** 25 **Cable Size (mm²):** 2 x 1.5
**Type:** Trailing Edge
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 9.5 (D) **2 Gang:** 146 (W) x 86 (H) x 9.5 (D)





### Dimmer Modules

| | |
|---|---|
| MD9001 | 6A 2 Way Push On/Off (Non-Dimming) Module (25 x 62mm) |
| MD9010 | 1-10V Analogue Dimmer Module (25 x 62mm) |
| MD9014 | 100W Dual Mode Dimmer Module with Trim (26.5 x 55mm) |

### Dimmer M10 Nut Runner

SP900 **Dimmer M10 Nut Runner Tool**

Use the nut runner to easily exchange dimmer modules and create customised dimmer switch plate

SP900

MD9014

145PL

146PL

147PL

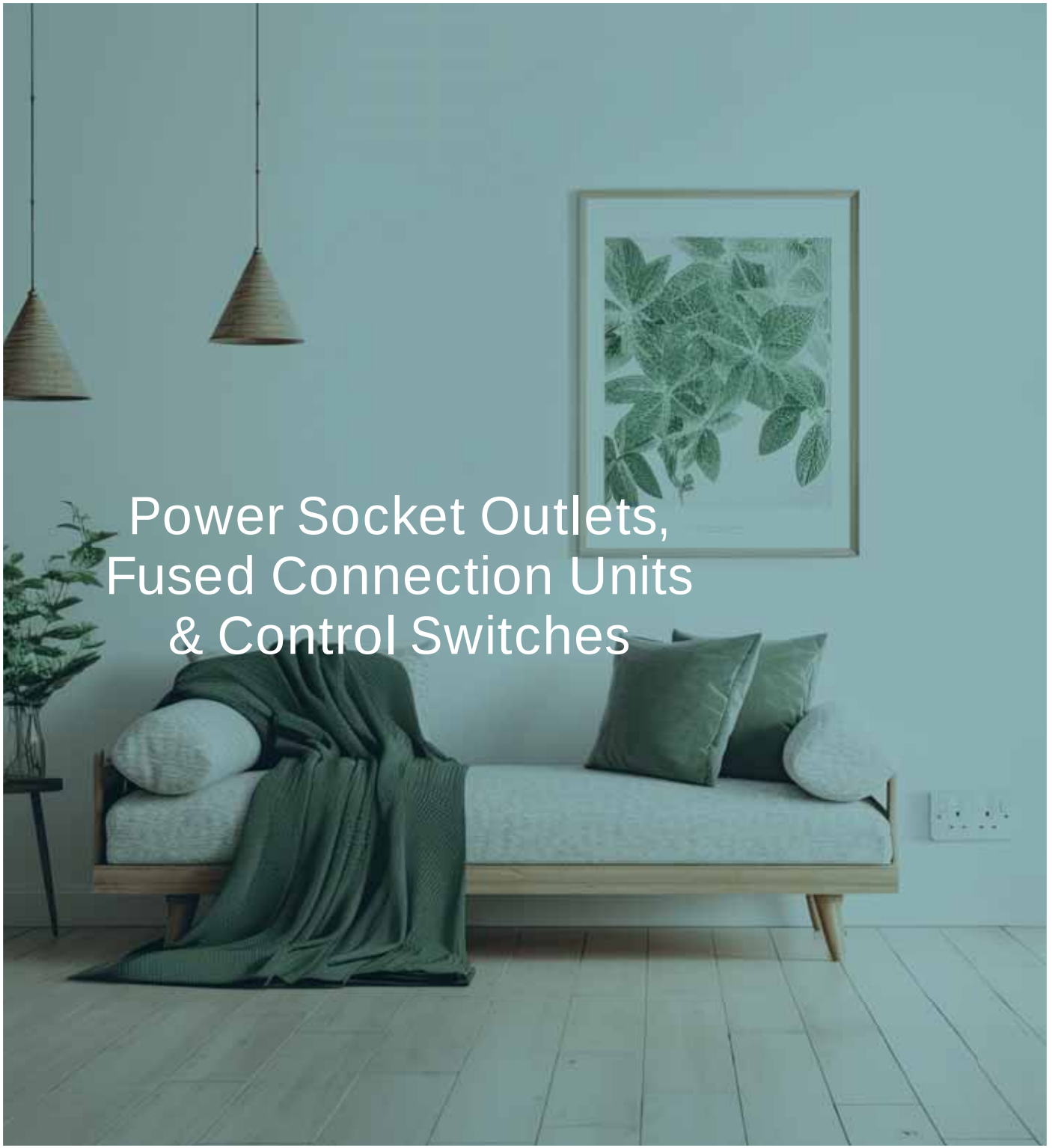
148PL

### Dimmer Mounting Unfurnished Plates

| | |
|---|---|
| CMA145PL | 1 Gang Dimmer Plate & Knob (650W Max) - 1 Aperture |
| CMA146PL | 2 Gang Dimmer Plate & Knobs (800W Max) - 2 Apertures |
| CMA147PL | 3 Gang Dimmer Plate & Knobs (1200W Max) - 3 Apertures |
| CMA148PL | 4 Gang Dimmer Plate & Knobs (1600W Max) - 4 Apertures |

The dimmer modules are supplied separately to the plates listed above.

**Standards:** BS 5733
**Back Box Depth (mm):** 25
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 9.5 (D) **2 Gang:** 146 (W) x 86 (H) x 9.5 (D)



# Power Socket Outlets, Fused Connection Units & Control Switches

All Mode® 13A sockets and fused connection units are tested and approved to BS1363 offering assured quality and safety.

The provision of large twin earth terminals on our Two Gang sockets and fused connection units greatly facilitates wiring and installation.

The Mode® range offers a solution for almost every possible design need and will enhance the décor of any area whether in a kitchen, bedroom, lounge or study etc...

035 | 630 | 635 035PWRD 1835

### Switched Socket Outlets

| | |
|---|---|
| CMA035 | 13A 1 Gang DP Switched Socket |
| CMA630 | 13A 1 Gang Socket (Twin Earth) |
| CMA635 | 13A 1 Gang DP Switched Socket (Twin Earth) |
| CMA035PWRD | 13A 1 Gang DP Switched Socket With Red Rocker |

### Switched Safety Shutter Socket Outlets

| | |
|---|---|
| CMA1835 | 13A 1 Gang DP Switched Socket With Neon |

036 037

836 840

### Switched Socket Outlets

| | |
|---|---|
| CMA036 | 13A 2 Gang DP Switched Socket (Twin Earth) |
| CMA037 | 13A 2 Gang DP Switched Clean Earth Socket |
| CMA836 | 13A 2 Gang DP Switched Socket With Outboard Rockers (Twin Earth) |
| CMA840 | 13A 2 Gang DP Switched Socket With Outboard Rockers & Neons (Twin Earth) |

**Standards:** BS 1363-2
**Back Box Depth (mm):** 25 **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 9.5 (D) **2 Gang:** 146 (W) x 86 (H) x 9.5 (D)

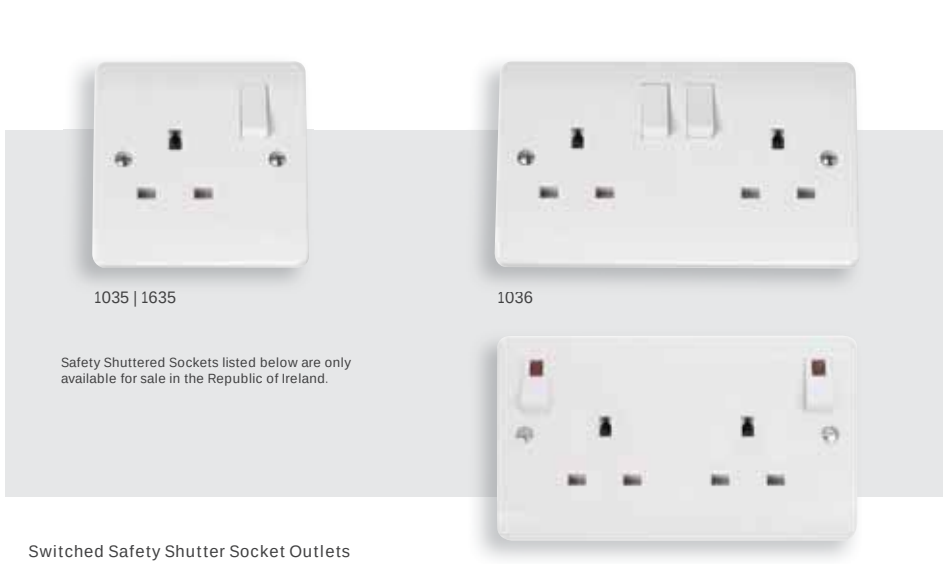
030 | 032 RCDP036

### Unswitched Socket Outlets

| | |
|---|---|
| CMA030 | 13A 1 Gang Unswitched Socket |
| CMA032 | 13A 2 Gang Unswitched Socket (Twin Earth) |

### Switched Socket Outlets

| | |
|---|---|
| CMARCDP036 | 13A 2 Gang RCD Switched Socket Outlet (Twin Earth) |



1035 | 1635 1036

Safety Shuttered Sockets listed below are only available for sale in the Republic of Ireland.

1840

### Switched Safety Shutter Socket Outlets

| | |
|---|---|
| CMA1035 | 13A 1 Gang DP Switched Socket |
| CMA1635 | 13A 1 Gang DP Switched Socket (Twin Earth) |
| CMA1036 | 13A 2 Gang DP Switched Socket (Twin Earth) |
| CMA1037 | 13A 2 Gang DP Switched Clean Earth Socket |
| CMA1836 | 13A 2 Gang DP Switched Socket With Outboard Rockers (Twin Earth) |
| CMA1840 | 13A 2 Gang DP Switched Socket With Outboard Rockers & Neons (Twin Earth) |

**Standards:** BS 1363-2 **RCDP036:** IEC 62640 BS 7288 SASO 2203 IEC 61000-6-1 & IEC 61000-6-3
**Back Box Depth (mm):** 25 **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 9.5 (D) **2 Gang:** 146 (W) x 86 (H) x 9.5 (D)

# Specialised Sockets

Introducing our new range of **specialised sockets including Blue Medical Socket Outlets, Red & Green Outboard Rocker Sockets.**

836

836

Specialised Socket Outlets (Coloured Rockers)

CMA836PWRD 13A 2 Gang DP Switched Socket With Outboard Red Rockers (Twin Earth)
CMA836PWGR 13A 2 Gang DP Switched Socket With Outboard Green Rockers (Twin Earth)

ECP1

ECP2

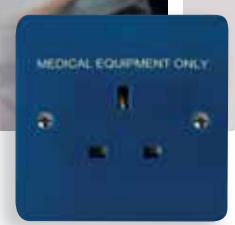
Supplementary Equipotential Bonding Connection Point Plates

CMAECP1 1 Gang SEBCP Plate
CMAECP2 2 Gang SEBCP Plate

**Standards:** BS 1363-2 **ECP1:** Designed to meet IEC / BS EN 60601-1 Clause 8.6.7
**Back Box Depth (mm):** 25 **ECP1:** 35 **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 9.5 (D) **2 Gang:** 146 (W) x 86 (H) x 9.5 (D)

# Equipotential Bonding Busbar

Available on page N48




630

632

635

637

Blue Medical Socket Outlets (Medical Equipment Only)

CMA630BL 13A 1 Gang Socket (Twin Earth)
CMA635BL 13A 1 Gang DP Switched Socket (Twin Earth)
CMA632BL 13A 2 Gang Unswitched Socket (Twin Earth)
CMA637BL 13A 2 Gang DP Switched Clean Earth Socket

**Standards:** BS 1363-2
**Back Box Depth (mm):** 25 **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 9.5 (D) **2 Gang:** 146 (W) x 86 (H) x 9.5 (D)

2675

### Lockable Socket Outlets

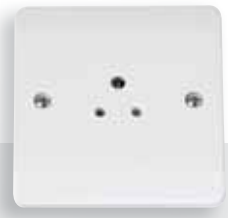
CMA2675 13A 1G DP Key Lockable Socket With Red LED (Twin Earth)

CMA675 13A 1G DP Key Lockable Socket With Neon (Twin Earth)

Two keys provided (Spare keys available: SP660).

034

038



039

### Round Pin Socket Outlets

CMA034 15A Switched Round Pin Socket

CMA038 5A Round Pin Socket

CMA039 2A Round Pin Socket

935
Non-standard socket

936
Non-standard socket

PA380WH
Non-standard plug

### Non-Standard Socket Outlets

CMA935 13A 1 Gang DP Switched Non-Standard Socket

CMA936 13A 2 Gang DP Switched Non-Standard Socket (Twin Earth)

### Non-Standard Resilient Plug Tops (BS1363 / A)

PA380WH 13A Fused Non-Standard Plug - White

PA380RD 13A Fused Non-Standard Plug - Red

For use with non-standard Click® Mode sockets CMA935 and CMA936

**Standards:** **Round Pin:** BS 546 **Non Standard:** BS 1363-2 **2675 675:** BS EN 60669-1 BS 1363-2 **380:** BS 1363 / A BS 1362
**Back Box Depth (mm):** 25 **2675 675:** 35
**Cable Size (mm²):** **034:** 3 x 2.5 **038:** 4 x 1.5 or 3 x 2.5 **039:** 3 x 1.5 **2675 675 935 936:** 3 x 2.5 or 2 x 4 **380:** 1.5
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 9.5 (D) **2 Gang:** 146 (W) x 86 (H) x 9.5 (D) **380:** 49.5 (W) x 21 (D) x 49.5 (H)

735

736

### Locating Plug Socket Outlets

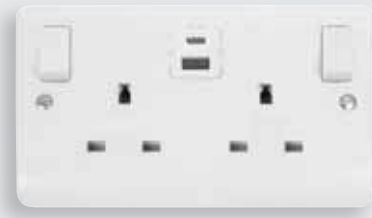
CMA735 13A 1 Gang DP Switched Locating Plug Socket

CMA736 13A 2 Gang DP Switched Locating Plug Socket With Outboard Rockers (Twin Earth)

771U

770

780



786

### Switched Sockets With USB Outlets

CMA771U 13A 1 Gang Switched Socket With 2.1A USB Outlet (Twin Earth)

CMA770 13A 2 Gang Switched Socket With 2.1A USB Outlet (Twin Earth)

CMA780 13A 2 Gang Switched Socket With Twin 2.1A USB Outlets (4.2A) (Twin Earth)

CMA785 13A 1 Gang Switched Socket Outlet With Type A & C USB (4A) Outlets (Twin Earth)

CMA786 13A 2 Gang Switched Socket Outlet With Type A & C USB (4.2A) Outlets (Twin Earth)

**Standards:** BS 1363-2 **770 780 771U 785 786:** BS EN IEC 62368-1 BS EN 62680-1-1
**Back Box Depth (mm):** 25
**Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 9.5 (D) **2 Gang:** 146 (W) x 86 (H) x 9.5 (D)

049 | 050

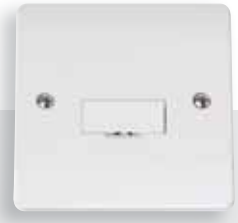
052

051

053

Fused Connection Units With Optional Flex Outlet Through The Bottom

| | |
|---|---|
| CMA049 | 3A Fused Connection Unit |
| CMA050 | 13A Fused Connection Unit |
| CMA051 | 13A Switched Fused Connection Unit |
| CMA052 | 13A Switched Fused Connection Unit With Neon |
| CMA053 | 13A Fused Connection Unit With Neon |


649 | 650

652

651

653

Fused Connection Units Without Flex Outlet

| | |
|---|---|
| CMA649 | 3A Fused Connection Unit |
| CMA650 | 13A Fused Connection Unit |
| CMA651 | 13A Switched Fused Connection Unit |
| CMA652 | 13A Switched Fused Connection Unit With Neon |
| CMA653 | 13A Fused Connection Unit With Neon |

**Standards:** BS 1363-4 BS 1362
**Back Box Depth (mm):** 25
**Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** 86 (W) x 86 (H) x 9.5 (D)

2051

2052

2053

Lockable Fused Connection Units With Optional Flex Outlet Through The Bottom

| | |
|---|---|
| CMA2051 | 13A Switched Fused Connection Unit |
| CMA2052 | 13A Switched Fused Connection Unit With Red LED |

Fused Connection Units With Optional Flex Outlet Through The Bottom

| | |
|---|---|
| CMA2053 | 13A Fused Connection Unit With Red LED |

2651

2652

2653

Lockable Fused Connection Units Without Flex Outlet

| | |
|---|---|
| CMA2651 | 13A Switched Fused Connection Unit |
| CMA2652 | 13A Switched Fused Connection Unit With Red LED |

Fused Connection Units Without Flex Outlet

| | |
|---|---|
| CMA2653 | 13A Fused Connection Unit With Red LED |

**Standards:** BS 1363-4 BS 1362
**Back Box Depth (mm):** 25
**Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** 86 (W) x 86 (H) x 9.5 (D)

022

622

023

623

044

040

046

042

660

### Lockable Switch

CMA660 20A Double Pole Key Lockable Switch

Two keys provided (Spare keys available: SP660).

### 20A Control Switches With Optional Flex Outlet Through The Bottom

CMA022 20A DP Switch
CMA023 20A DP Switch With Neon
CMA044 20A DP 'Water Heater' Switch With Flex Outlet
CMA046 20A DP 'Water Heater' Switch With Flex Outlet & Neon

### 20A Control Switch Without Flex Outlet

CMA622 20A DP Switch
CMA623 20A DP Switch With Neon

### 20A Control Switches

CMA040 20A DP 'Water Heater' Switch
CMA042 20A DP 'Water Heater' Switch With Neon

**Standards:** BS EN 60669-1
**Back Box Depth (mm):** 25 **660:** 35
**Cable Size (mm²):** 3 x 2.5 **660:** 3 x 2.5 or 2 x 4
**Dimensions (mm):** 86 (W) x 86 (H) x 9.5 (D)

2023

2046

2623

2042

### 20A Control Switches With Optional Flex Outlet Through The Bottom

CMA2023 20A DP Switch With Red LED
CMA2046 20A DP 'Water Heater' Switch With Flex Outlet & Red LED

### 20A Control Switches Without Flex Outlet

CMA2623 20A DP Switch With Red LED

### 20A Control Switches

CMA2042 20A DP 'Water Heater' Switch With Red LED

**Standards:** BS EN 60669-1
**Back Box Depth (mm):** 25
**Cable Size (mm²):** 3 x 2.5
**Dimensions (mm):** 86 (W) x 86 (H) x 9.5 (D)

020 021 3020

### Fan Isolation Switch

CMA020 10A 3 Pole Fan Isolation Switch
CMA021 10A 3 Pole Isolation Switch

### Fan Isolation Switch With Fuse

CMA3020 3A Fused 3 Pole Control Switch

024 2024 620

### 20A DP Sink / Bath Switch

CMA024 20A DP Sink / Bath Switch With Neon
CMA2024 20A DP Sink / Bath Switch With Red LED

3 pole and 20A DP switches are non-modular

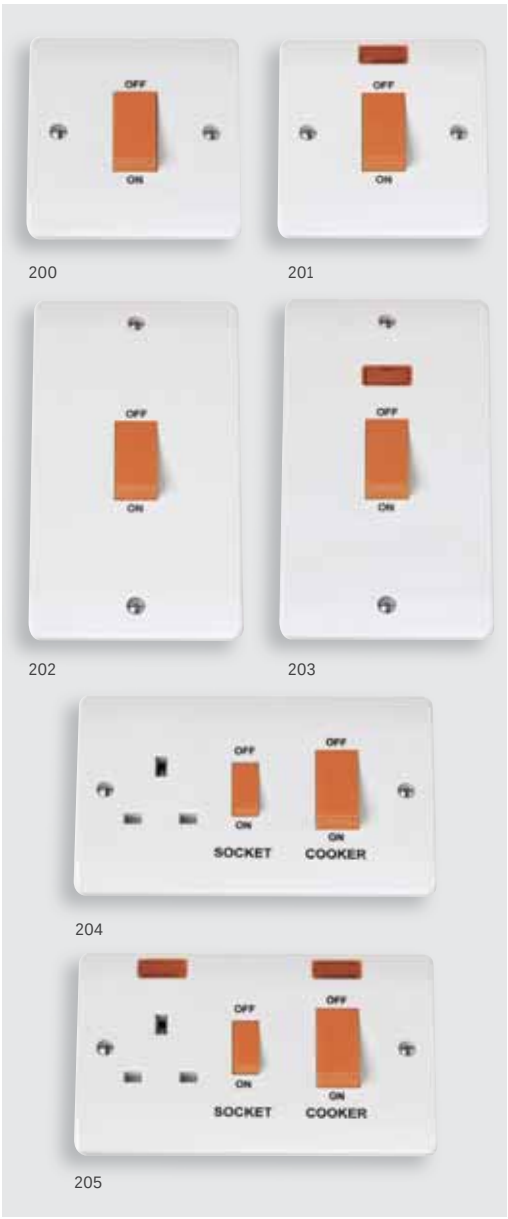
### 20A Keyfob Switch

CMA620 20A Keyfob Switch
SP940 Spare Keyfob For CMA620

**Standards:** BS EN 60669-1 **020 021:** BS EN 60669-2-4 BS EN 60669-1 **3020:** BS EN 60669-1 BS EN 60669-2-4 BS 5733 BS 1362
**Back Box Depth (mm):** 25 **020 021:** 16
**Cable Size (mm²):** 4 x 1.5 or 2 x 2.5 **024 2024 620:** 3 x 2.5
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 9.5 (D) **SP690:** 80 (W) x 35 (H) x 4 (D)








200 201 202 203 204 205

### 45A Switches

CMA200 45A 1 Gang DP Switch
CMA201 45A 1 Gang DP Switch With Neon
CMA202 45A 2 Gang DP Switch
CMA203 45A 2 Gang DP Switch With Neon

### Cooker Control Units

CMA204 45A 2 Gang DP Switch With 13A DP Switched Socket
CMA205 45A 2 Gang DP Switch With 13A DP Switched Socket & Neons

**Standards:** BS EN 60669-1 **204 205:** BS 4177
**Back Box Depth (mm):** 35
**Cable Size (mm²):** 1 x 16
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 9.5 (D) **2 Gang:** 146 (W) x 86 (H) x 9.5 (D) **202, 203:** 86 (W) x 146 (H) x 9.5 (D)

500

501

502

503

504

505

45A Switches - White Rockers

| | |
|---|---|
| CMA500 | 45A 1 Gang DP Switch With White Rocker |
| CMA501 | 45A 1 Gang DP Switch With White Rocker & Neon |
| CMA502 | 45A 2 Gang DP Switch With White Rocker |
| CMA503 | 45A 2 Gang DP Switch With White Rocker & Neon |

Cooker Control Units - White Rockers

| | |
|---|---|
| CMA504 | 45A 2 Gang DP Switch With 13A DP Switched Socket & White Rockers |
| CMA505 | 45A 2 Gang DP Switch With 13A DP Switched Socket, White Rockers & Neons |

**Standards:** BS EN 60669-1 **504 505:** BS 4177
**Back Box Depth (mm):** 35
**Cable Size (mm²):** 1 x 16
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 9.5 (D) **2 Gang:** 146 (W) x 86 (H) x 9.5 (D) **502, 503:** 86 (W) x 146 (H) x 9.5 (D)

2201

2501

2203

2503

2205

2505

50A Switches - Red Rockers

| | |
|---|---|
| CMA2201 | 50A 1 Gang DP Switch With Red LED |
| CMA2203 | 50A 2 Gang DP Switch With Red LED |

50A Switches - White Rockers

| | |
|---|---|
| CMA2501 | 50A 1 Gang DP Switch With White Rocker & Red LED |
| CMA2503 | 50A 2 Gang DP Switch With White Rocker & Red LED |

Cooker Control Units - White Rockers

| | |
|---|---|
| CMA2505 | 50A 2 Gang DP Switch With 13A DP Switched Socket, White Rockers & Red LEDs |

Cooker Control Units - Red Rockers

| | |
|---|---|
| CMA2205 | 50A 2 Gang DP Switch With 13A DP Switched Socket & Red LEDs |

**Standards:** **50A Switches:** BS EN 60669-1 **Control Units:** BS 4177
**Back Box Depth (mm):** 35
**Cable Size (mm²):** 1 x 16
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 9.5 (D) **2 Gang:** 146 (W) x 86 (H) x 9.5 (D) **2203 2503:** 86 (W) x 146 (H) x 9.5 (D)

essentials™ Decorative covers available for PRC210, see Essentials™ page N38.

### Pull Cord Switches

PRW208 10A 3 Pole Fan Isolation Pull Cord Switch
PRW210 45A DP Pull Cord Switch With Mechanical 'On/Off' & Neon
PRW211 50A DP Pull Cord Switch With Mechanical 'On/Off' & Neon

CMA213 50A DP Round Pull Cord Switch With Mechanical 'On/Off', Neon & Pattress

PRC009 10AX 2 Way Ceiling Pull Cord Switch
PRC210 10AX 2 Way Pull Cord Switch
PRC216 16A DP Pull Cord Switch With Neon

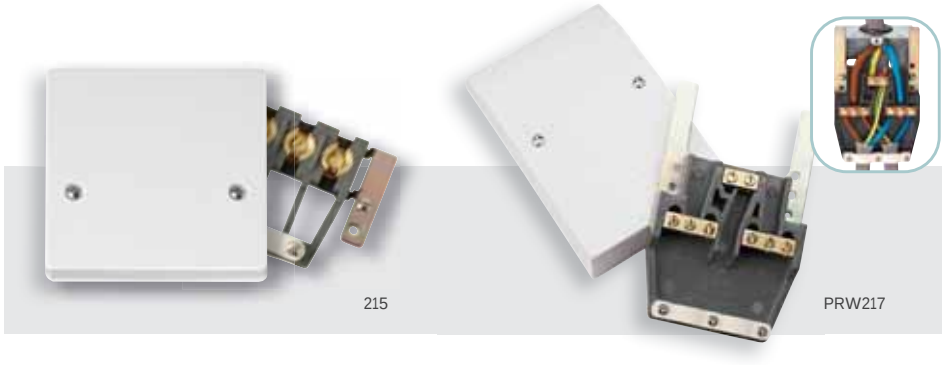
**Standards:** BS EN 60669-1
**Back Box Depth (mm):** Pattress Supplied **208:** 25 **PRW210:** 35 **211:** 47
**Cable Size (mm²):** **009 208 PRC210 216:** 2 x 1.5 or 1 x 2.5 **211 213:** 1 x 25 **PRW210:** 1 x 6
**Dimensions (mm):** **009:** 76 (Dia) x 51.5 **208 PRW210 211:** 86 (W) x 86 (H) x 43 (D) **PRC210 216:** 70 (Dia) x 42 (D) **CMA213:** 100 (Dia) x 77 (D)

### Blank Plates

CMA060 1 Gang Blank Plate
CMA061 2 Gang Blank Plate

### Dual Voltage Shaver Socket Outlet

CMA100 115/230V Dual Voltage Shaver Socket




### Flex Outlet Plates

CMA017 20A Flex Outlet Plate
UK Design Registration No. 3015175

### 45A Cooker Outlet Plates

PRW217 45A Easyfit Dual Appliance Outlet Plate

### 45A Cooker Connection Plates

CMA215 45A 1 Gang Cooker Connection Plate
UK Design Registration No. 3015175

### Pattress Box for PRW217 - Urea

PRW218 35mm Deep Pattress Box For Use With PRW217

**Standards:** BS 5733 **100:** BS EN IEC 61558-1 BS EN 61558-2-5
**Back Box Depth (mm):** **017 060:** 16 **100:** 47 **215:** 35 **061 217:** 25
**Cable Size (mm²):** **100:** 2 x 1.5 or 1 x 2.5 **017:** 3 x 2.5 or 2 x 4 **215:** 2 x 10 **217:** 1 x 10
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 9.5 (D) **2 Gang:** 146 (W) x 86 (H) x 9.5 (D) **215:** 86 (W) x 86 (H) x 22.5 (D) **217:** 85 (W) x 130 (H) x 27 (D) **218:** 85 (W) x 130 (H) x 37.5 (D) **100:** 86 (W) x 146 (H) x 9.5 (D)

# TV, Telephone & Data Sockets

Providing the means to facilitate the connection of modern communications equipment is as important today as it is to provide the electrical power to operate them.

This section is devoted to the New Media™ range of plate accessories which includes products for connecting telephone, computer, television and satellite devices.

115 | 131

132

### RJ11 Telephone Outlet

CMA115 Single RJ11 (Irish/US) Outlet

### RJ45 Data Outlets

CMA131 Single RJ45 Cat-5e Outlet
CMA132 Twin RJ45 Cat-5e Outlet

122 | 127

119 | 124

### Telephone Outlets

CMA119 Single Telephone Outlet - Master
CMA122 Twin Telephone Outlet - Master

CMA124 Single Telephone Outlet - Secondary
CMA127 Twin Telephone Outlet - Secondary

Twin outlets are 2 separate sockets and not internally linked together.

**Back Box Depth (mm):** 16 **115:** 35
**Termination Type:** IDC **115:** Screw
**Dimensions (mm):** 86 (W) x 86 (H) x 9.5 (D)

065

066

158

159

### Non-isolated Coaxial Outlets (Unshielded)

CMA065 Single Coaxial Outlet
CMA066 Twin Coaxial Outlet

### Isolated Coaxial Outlets (Unshielded)

CMA158 Single Coaxial Outlet
CMA159 Twin Isolated Coaxial Outlet

isolated outlets will filter out any interference, if a 2 way signal is required, i.e. for use with satellite hard wire extensions, then a non-isolated outlet is required.

156

157

170

### Satellite Outlets (Unshielded)

CMA156 Non-isolated Single Satellite Outlet
CMA157 Isolated Satellite & Isolated Coaxial Outlet
CMA170 Non-isolated Satellite & Non-isolated Coaxial Outlet

**Back Box Depth (mm):** 16
**Dimensions (mm):** 86 (W) x 86 (H) x 9.5 (D)

310

311

312

MM410WH MM440WH

new media™

For a complete range of New Media™ modules please see the New Media™ section of this catalogue.

Selecting from a range of module inserts covering all manner of media transfer, the installer will now be able to configure their own arrangement of TV, radio or satellite reception, plus speaker, telephone and data outlets. All modules can be inserted into single or double wall plates, fitted onto standard switch and socket boxes.

All New Media™ plates are suitable for use with standard euro module inserts.

### Unfurnished Plates - New Media™

| | |
|---|---|
| CMA310 | 1 Gang New Media™ Unfurnished Plate - 1 Aperture |
| CMA311 | 1 Gang New Media™ Unfurnished Plate - 2 Apertures |
| CMA312 | 2 Gang New Media™ Unfurnished Plate - 4 Apertures |

**Standards:** BS 5733
**Back Box Depth (mm):** Dependent On Modules Fitted
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 9.5 (D) **2 Gang:** 146 (W) x 86 (H) x 9.5 (D)

080

083

091

175



176

245

### Moulded Pattress Boxes

| | |
|---|---|
| CMA080 | 1 Gang 16mm Deep Pattress Box With Earth Terminal |
| CMA081 | 1 Gang 25mm Deep Pattress Box |
| CMA082 | 2 Gang 25mm Deep Pattress Box |
| CMA083 | 1 Gang 35mm Deep Pattress Box |
| CMA084 | 2 Gang 35mm Deep Pattress Box |
| CMA085 | 1 Gang 47mm Deep Pattress Box With Earth Terminal |
| CMA086 | 2 Gang 47mm Deep Pattress Box Fitted With Cable Restraint & Earth Terminal |
| CMA089 | Dual Accessory 29mm Deep Pattress Box |

### Converter Pattress Box

| | |
|---|---|
| CMA091 | 1 Gang To 2 Gang 16mm Deep Converter Pattress |
| CMA092 | 1 Gang To 2 Gang 25mm Deep Converter Pattress |

### Architrave Pattress Boxes

| | |
|---|---|
| CMA175 | 1 Gang 19mm Deep Architrave Pattress Box with Earth Terminal |
| CMA176 | 2 Gang 19mm Deep Architrave Pattress Box with Earth Terminal |

For Mode® products only

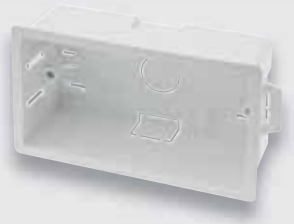
### PVC Pattress Boxes

| | |
|---|---|
| CMA230 | 1 Gang 29mm Deep PVC Pattress Box - Trunking |
| CMA235 | 2 Gang 29mm Deep PVC Pattress Box - Trunking |
| CMA240 | 1 Gang 29mm Deep PVC Pattress Box - Conduit |
| CMA245 | 2 Gang 29mm Deep PVC Pattress Box - Conduit |

essentials™ For the complete range of back boxes see Essentials™ page N4.

WA095

WA106P



WA107P

GA100

### Galvanised Steel Back Boxes

| | |
|---|---|
| WA092 | 1 Gang 16mm Deep Galvanised Steel K.O. Box |
| WA093 | 1 Gang 25mm Deep Galvanised Steel K.O. Box |
| WA094 | 2 Gang 25mm Deep Galvanised Steel K.O. Box |
| WA095 | 1 Gang 35mm Deep Galvanised Steel K.O. Box |
| WA096 | 2 Gang 35mm Deep Galvanised Steel K.O. Box |
| WA097 | 1 Gang 47mm Deep Galvanised Steel K.O. Box |
| WA098 | 2 Gang 47mm Deep Galvanised Steel K.O. Box |
| WA099 | 1 + 1 35mm Deep Dual Accessory Box |
| WA102 | 1 + 2 35mm Deep Dual Accessory Box |

### Dry Lining Boxes (Sprung Fixing Lugs)

| | |
|---|---|
| WA087SF | 1 Gang 35mm Deep Dry Lining Box |
| WA088SF | 2 Gang 35mm Deep Dry Lining Box |
| WA106SF | 1 Gang 47mm Deep Dry Lining Box |
| WA107SF | 2 Gang 47mm Deep Dry Lining Box |

### Dry Lining Boxes

| | |
|---|---|
| WA087P | 1 Gang 35mm Deep Dry Lining Box |
| WA088P | 2 Gang 35mm Deep Dry Lining Box |
| WA106P | 1 Gang 47mm Deep Dry Lining Box |
| WA107P | 2 Gang 47mm Deep Dry Lining Box |
| WA108P | Round Ceiling 34mm Deep Dry Lining Box |

### Ezylink' Dry Lining Boxes

| | |
|---|---|
| GA100 | 'Ezylink' Dry Lining Box Connector |

Suitable for use with WA087P, WA088P, WA106P & WA107P.

## essentials™

For the complete range of back boxes see Essentials™ page N4.

WA4135

WA4147

WA4235

WA4247

FlameGuard® system

For the complete range of FlameGuard® back boxes see Essentials™ page N8.

### FlameGuard® Dry Lining Boxes

| | |
|---|---|
| WA4135 | 1 Gang 35mm Deep FlameGuard® Dry Lining Box |
| WA4235 | 2 Gang 35mm Deep FlameGuard® Dry Lining Box |
| WA4147 | 1 Gang 47mm Deep FlameGuard® Dry Lining Box |
| WA4247 | 2 Gang 47mm Deep FlameGuard® Dry Lining Box |

### Spacer Gaskets

| | |
|---|---|
| CMA095 | 1 Gang 10mm Spacer Gasket |
| CMA096 | 2 Gang 10mm Spacer Gasket |

FlameGuard® back boxes have been tested and conform to both fire and acoustic BS EN standards. Fire: BS EN 1364-1 Acoustic: BS EN ISO 140-2. Complies with Building Regulations Fire tested up to 90 minutes with the cabability of the boxes being mounted back to back.

polar™

polar™

## A Premium Range of Bright White Accessories

The Polar™ range was born out of a desire to offer a bright white, distinctly different, accessory product. Colour choice with accessories is no different to colour choice of wallpaper, paints or other internal decorations. Installers have very definite views on just which tone or shade of white is right for a particular installation.

Given the demand for a different accessory colour we took the opportunity to review all other aspects of the new range including technical features, materials used and the aesthetic appeal of the individual products. The net result is a product quite different in a number of ways to the established Click® product but still offering the same levels of high quality and competitive pricing. So confident are we of the durability and reliability of the Polar™ product that we guarantee these products against any fault in materials or manufacture for no less than 20 years.

Polar™ accessories offer added value over the basic versions of similar products offered by our competitors and include the following:

- X rated modular plate switches – Polar™ light switches are all full 10AX rated switches of modular construction. The modular design allows installers infinite flexibility in devising customised switching arrangements. In fact the diversity of the types of modules available within the Polar™ range make this a true domestic grid system.
- Full certification on all 13A socket outlets and fused connection units. These products also feature twin earth terminals as standard.
- 45A DP shower switches are upgraded to 50A as standard to accommodate the growing demand for higher rated power showers.
- The sharp, crisp lines of the Polar™ plates are complemented by gently curved rockers on all switches plus modern grey backs and matching print to switches and plates alike. The modern feel of the Polar™ range is further enhanced by amber coloured neons throughout and matching amber switchgear on the 45A accessories. All neons are flush mounted.

ANTIBACTERIAL & ANTIVIRAL
Certified Products

## Antiviral & Antibacterial Certified

Polar™ plates are manufactured using Urea Formaldehyde, which has similar inherent properties to antimicrobial additives that inhibit the growth of infectious diseases.

Polar™ plates have been independently tested and have shown to have anti-viral properties against enveloped and non-enveloped viruses.

After a contact period of 4 hours, Polar™ was shown to have a 99.9% kill off rate against enveloped viruses and a 92% kill off rate against non-enveloped viruses.

All products independently tested achieved a 99.99% kill off rate across all four types of the strains of bacteria - MRSA, E-Coli, Salmonella, Klebsiella Pneumonia and enveloped viruses.

## Contents


| | |
|---|---|
| Switches | H5 |
| Back Boxes | H9 |
| Power Socket Outlets | H13 |
| Fused Connection Units | H16 |
| Control Switches | H17 |
| Ceiling Accessories | H20 |
| Connection Plates | H21 |
| Socket & Blank Plates | H22 |
| Telephone Outlets | H24 |
| TV & Satellite | H25 |
| New Media™ Plates | H26 |
| Pattress Boxes | H27 |
| Dry Lining Boxes | H28 |


25 YR WARRANTY

## 25 Year Warranty

All Polar™ products are covered by our 25 year warranty against any fault in materials or manufacture experienced at any time within 25 years of the date of supply.

# Switches

MINIGRID®

The products illustrated in this section of the catalogue are finished plates and unfurnished mounting plates.

For information on the full range of modules available please refer to the MiniGrid® section of this catalogue.

A comprehensive selection of light switches, control switches, 45A and 50A switches are available for wall and ceiling mounting. All light switches are 10AX rated and are of modular construction. The wide range of modules available ranges from blanks, 1 way and 2 way, through intermediates, key switches and bell push, to 20A rated double pole switch modules.

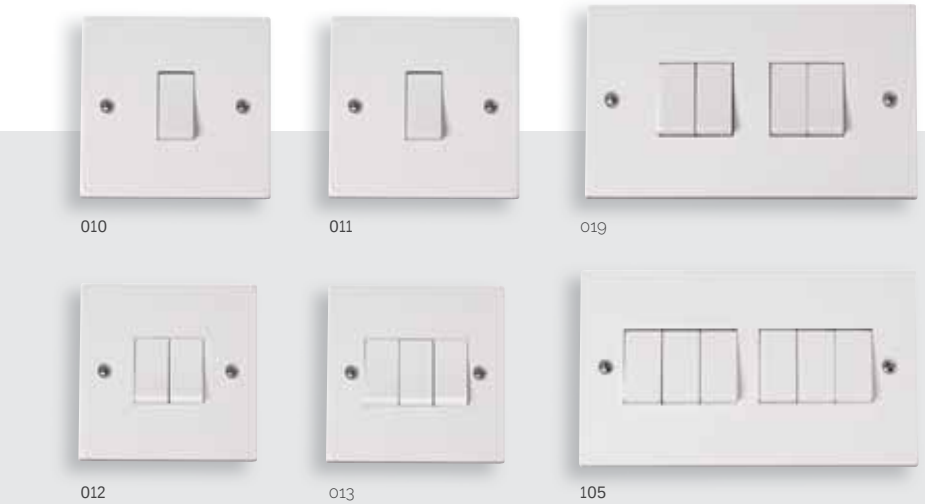
All modules are simple 1 screw fixing and therefore offer the ultimate in flexibility when devising a custom made domestic grid installation. All Polar™ modules are fully interchangeable and can be used to replace existing modules or to furnish blank plates. In addition Polar™ modules can be used with all relevant items in the Click® moulded and metal ranges.

The gentle curve on the switch rocker of the module facilitates a smooth switching operation as well as providing a modern and distinctive design feature.

811 812 813

### Wide Rocker Switches - Non Modular

| | |
|---|---|
| PRW811 | 10AX 1 Gang 2 Way Wide Rocker Switch |
| PRW812 | 10AX 2 Gang 2 Way Wide Rocker Switch |
| PRW813 | 10AX 3 Gang 2 Way Wide Rocker Switch |



010 011 019

012 013 105

MINIGRID® Switch modules interchangeable with MiniGrid® Modules in Polar White (PW) finish. For the complete range of MiniGrid® modules, see the dedicated MiniGrid® section, page K18.

### Plates Switches - MiniGrid®

| | | | |
|---|---|---|---|
| PRW010 | 10AX 1 Gang 1 Way Plate Switch | PRW013 | 10AX 3 Gang 2 Way Plate Switch |
| PRW011 | 10AX 1 Gang 2 Way Plate Switch | PRW019 | 10AX 4 Gang 2 Way Plate Switch |
| PRW012 | 10AX 2 Gang 2 Way Plate Switch | PRW105 | 10AX 6 Gang 2 Way Plate Switch |

**Standards:** BS EN 60669-1
**Back Box Depth (mm):** 16
**Cable Size (mm²):** 4 x 1.5 or 2 x 2.5
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 11 (D) **2 Gang:** 146 (W) x 86 (H) x 11 (D)

015

025

1/1



172

### Architrave Switches - MiniGrid®

PRW171 10AX 1 Gang 2 Way Architrave Switch
PRW172 10AX 2 Gang 2 Way Architrave Switch

Architrave plates can be used with the dedicated architrave pattress boxes PRW175 & PRW176 or standard architrave flush boxes WA671 & WA672. They will also not accept MD070 & MD075 Switch Modules.

### Plates Switches

PRW015 10AX 1 Gang 2 Way Paddle Switch
PRW025 10AX 1 Gang Intermediate Plate Switch

MINIGRID®

Switch modules interchangeable with MiniGrid® Modules in Polar White (PW) finish. For the complete range of MiniGrid® modules, see the dedicated MiniGrid® section, page K18.

**Standards:** BS EN 60669-1
**Back Box Depth (mm):** 16 **171 172:** 25
**Cable Size (mm²):** 4 x 1.5 or 2 x 2.5
**Dimensions (mm):** 86 (W) x 86 (H) x 11 (D) **171:** 32 (W) x 86 (H) x 9.5 (D) **172:** 32 (W) x 146 (W) x 9.5 (D)

401



402



403

404

406

426

432

### Unfurnished Plates - MiniGrid®

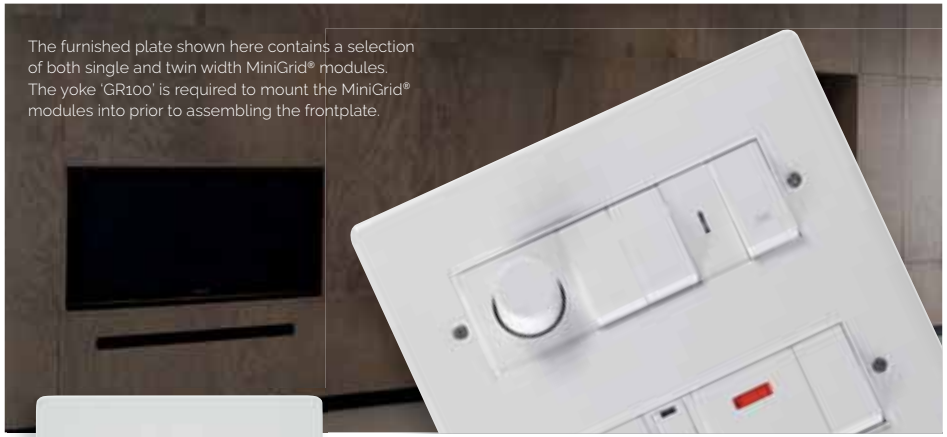
PRW401 1 Gang MiniGrid® Unfurnished Plate - 1 Aperture
PRW402 1 Gang MiniGrid® Unfurnished Plate - 2 Apertures
PRW403 1 Gang MiniGrid® Unfurnished Plate - 3 Apertures
PRW404 2 Gang MiniGrid® Unfurnished Plate - 2 x 2 Apertures
PRW406 2 Gang MiniGrid® Unfurnished Plate - 2 x 3 Apertures
PRW426 2 Gang MiniGrid® Unfurnished Plate - 6 In-Line Apertures
PRW432 2 Gang MiniGrid® Unfurnished Plate - 3 Apertures

Utilises Polar White (PW) MiniGrid® modules.

MINIGRID®

Switch modules interchangeable with MiniGrid® Modules in Polar White (PW) finish. For the complete range of MiniGrid® modules, see the dedicated MiniGrid® section, page K18.

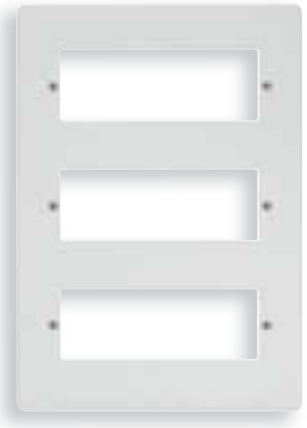
**Standards:** BS 5733
**Back Box Depth (mm):** Dependent On Module Fitted
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 11 (D) **2 Gang:** 146 (W) x 86 (H) x 11 (D)



612

### 2 Tier Unfurnished Plates - MiniGrid®

PRW612 2 Tier MiniGrid® Unfurnished Plate & Yokes - 12 Apertures - Polar™



618

### 3 Tier Unfurnished Plates - MiniGrid®

PRW618 3 Tier MiniGrid® Unfurnished Plate & Yokes - 18 Apertures - Polar™

Switch modules interchangeable with MiniGrid® Modules in Polar White (PW) finish. For the complete range of MiniGrid® modules, see the dedicated MiniGrid® section, page K18.

MINIGRID®

If dimmer modules are to be mounted directly above each other, the MD9014 (page K37) or similar height dimmer modules must be installed. Alternatively, retractive switch modules MD004 (page K21) can be used in conjunction with Click Smart+ dimming receivers (page B22).

**Standards:** BS 5733
**Back Box Depth (mm):** 47
**Dimensions (mm): 612:** 146 (W) x 153 (H) x 9.5 (D) **618:** 146 (W) x 214 (H) x 9.5 (D)

MINIGRID®

Galvanised steel back boxes supplied for flush mounting of the large MiniGrid® plates. Mounting Yoke facilitates pre-assembly of required modules. Fitted with twin earth terminals.

WA512 WA518

### Galvanised Steel Back Boxes

WA512 2 Tier 47mm Deep K.O. Box
WA518 3 Tier 47mm Deep K.O. Box

**Standards:** BS 4662
**Dimensions (mm): WA512:** 137 (W) x 137 (H) x 47 (D) **WA518:** 137 (W) x 197 (H) x 47 (D)

161

162

163

164

## Dimmer Switches (Trailing Edge)

| | |
|---|---|
| PRW161 | 1 Gang 2 Way 100W Dimmer Switch |
| PRW162 | 2 Gang 2 Way 100W Dimmer Switch |
| PRW163 | 3 Gang 2 Way 100W Dimmer Switch |
| PRW164 | 4 Gang 2 Way 100W Dimmer Switch |

We recommend the use of branded LED lamps with all Polar™ trailing edge dimmers. The use of inferior, non-branded lamps may require the nominal rating of the dimmer to be reduced. For further information please contact Click® Technical support team.

**Standards:** BS EN 60669-1 BS EN 60669-2-1 BS EN 55015 BS EN 61000-3-2
**Type:** Trailing Edge
**Back Box Depth (mm):** 25
**Cable Size (mm²):** 2 x 1.5
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 11 (D) **2 Gang:** 146 (W) x 86 (H) x 11 (D)





## Dimmer Modules

| | |
|---|---|
| MD9001 | 6A 2 Way Push On/Off (Non-Dimming) Module (25 x 62mm) |
| MD9010 | 1-10V Analogue Dimmer Module (25 x 62mm) |
| MD9014 | 100W Dual Mode Dimmer Module with Trim (26.5 x 55mm) |

## Dimmer M10 Nut Runner

| | |
|---|---|
| SP900 | Dimmer M10 Nut Runner Tool |

Use the nut runner to easily exchange dimmer modules and create customised dimmer switch plate

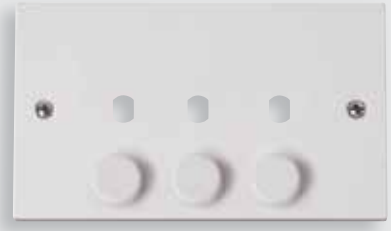
SP900



MD9014

145PL

146PL



147PL

148PL

## Dimmer Mounting Unfurnished Plates

| | |
|---|---|
| PRW145PL | 1 Gang Dimmer Plate & Knob (650W Max) - 1 Aperture |
| PRW146PL | 2 Gang Dimmer Plate & Knobs (800W Max) - 2 Apertures |
| PRW147PL | 3 Gang Dimmer Plate & Knobs (1200W Max) - 3 Apertures |
| PRW148PL | 4 Gang Dimmer Plate & Knobs (1600W Max) - 4 Apertures |

The dimmer modules are supplied separately to the plates listed above.

**Standards:** BS 5733
**Back Box Depth (mm):** 25 (35 Flat Plate)
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 11 (D) **2 Gang:** 146 (W) x 86 (H) x 11 (D)

# Power Socket Outlets, Fused Connection Units & Control Switches

All socket outlets are tested and approved to BS1363. Socket outlets are available with single or double pole switches. Twin earth terminals are available on 1 and 2 gang socket outlets in order to comply with regulation 607 of BS7671 IEE Wiring Regulations. As with the plate switches, the actual switch rocker features a gentle curved appearance.

BA037

BA038

### Round Pin Socket Outlets

PRW034 15A Switched Round Pin Socket
PRW038 5A Round Pin Socket
PRW039 2A Round Pin Socket

### Unswitched European Socket Outlets

BA037PW 16A Single European Socket
BA038PW 16A Twin European Socket

034

038

039

675

### Lockable Socket Outlets

PRW675 13A 1G DP Key Lockable Socket With Neon
Two keys provided (Spare keys available: SP660)

**Standards:** BS 1363-2**034 038 039:** BS 546 **675:** BS EN 60669-1 BS 1363-2 **BA037 BA038:** IEC 60884
**Back Box Depth (mm):** 25 **675:** 35 **BA037 BA038:** 47
**Cable Size (mm²):** 3 x 2.5 or 2 x 4 **034:** 3 x 2.5 **038:** 4 x 1.5 or 3 x 2.5 **039:** 3 x 1.5
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 11 (D) **2 Gang:** 146 (W) x 86 (H) x 11 (D)

035 | 605 | 635

036 | 606

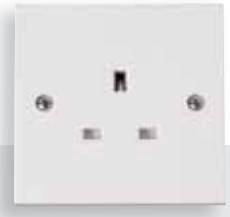
### Switched Socket Outlets

PRW035 13A 1 Gang DP Switched Socket
PRW036 13A 2 Gang DP Switched Socket (Twin Earth)
PRW037 13A 2 Gang DP Switched Clean Earth Socket
PRW605 13A 1 Gang Switched Socket
PRW606 13A 2 Gang Switched Socket
PRW635 13A 1 Gang DP Switched Socket With Twin Earth Terminals

### Switched Safety Shutter Socket Outlets

Safety Shuttered sockets listed are only available for sale in the Republic of Ireland.

PRW1035 13A 1 Gang DP Switched Socket
PRW1036 13A 2 Gang DP Switched Socket (Twin Earth)
PRW1037 13A 2 Gang DP Switched Clean Earth Socket
PRW1635 13A 1 Gang DP Switched Socket (Twin Earth)



030 | 630

032

030EX

### Unswitched Socket Outlets

PRW030 13A 1 Gang Unswitched Socket
PRW032 13A 2 Gang Unswitched Socket
PRW030EX 13A 1 Gang Unswitched Socket - Printed 'Not To Be Used For Outdoor Appliances'
PRW630 13A 1 Gang Unswitched Socket With Twin Earth Terminals

**Standards:** BS 1363-2 **Back Box Depth (mm):** 25
**Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 11 (D) **2 Gang:** 146 (W) x 86 (H) x 11 (D)

771U

785

780

770

786

### Switched Sockets With USB Outlets

PRW771U 13A 1 Gang Switched Socket With 2.1A USB Outlet (Twin Earth)
PRW770 13A 2 Gang Switched Socket With 2.1A USB Outlet (Twin Earth)
PRW780 13A 2 Gang Switched Socket With Twin 2.1A USB Outlets (4.2A) (Twin Earth)
PRW785 13A 1 Gang Switched Socket Outlet With Type A & C USB (4A) Outlets (Twin Earth)
PRW786 13A 2 Gang Switched Socket Outlet With Type A & C USB (4.2A) Outlets (Twin Earth)

**Standards:** BS 1363-2 BS 1363-2: 2016 +A1: 2018 BS EN IEC 62368-1 BS EN 62680-1-1
**Back Box Depth (mm):** 25 **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 11 (D) **2 Gang:** 146 (W) x 86 (H) x 11 (D)

049 | 050

053

051

052

### Fused Connection Units With Optional Flex Outlet

PRW049 3A Fused Connection Unit
PRW050 13A Fused Connection Unit
PRW051 13A Switched Fused Connection Unit
PRW052 13A Switched Fused Connection Unit With Neon
PRW053 13A Fused Connection Unit With Neon

290

291

### Fused Control Switch Plates

PRW290 3A FCU With DP Switch (Linked)
PRW291 3A FCU With DP Switch & DP Fan Switch (Linked)

**Standards:** BS 1363-4 BS 1362 **290 291:** BS EN 60669-1 BS 5733
**Back Box Depth (mm):** 25 **290 291:** 16
**Cable Size (mm²):** 3 x 2.5 or 2 x 4 **049:** 4 x 2.5 or 2 x 4 **290 291:** 4 x 1.5 or 2 x 2.5
**Dimensions (mm):** 86 (W) x 86 (H) x 11 (D)

020

021

024

660

### Lockable Switch

PRW660 20A Double Pole Key Lockable Switch
Two keys provided (Spare keys available: SP660)

### Fan Isolation Switch

PRW020 10A 3 Pole Fan Isolation Switch
PRW021 10A 3 Pole Isolation Switch

### 20A DP Sink / Bath Switch

PRW024 20A DP Sink/Bath Switch With Neon

022

023

040

042

### 20A Control Switches with Optional Flex Outlet

PRW022 20A DP Switch
PRW023 20A DP Switch With Neon
PRW040 20A DP 'Water Heater' Switch
PRW042 20A DP 'Water Heater' Switch With Neon

**Standards:** BS EN 60669-1 **675:** BS 1363-2 **020 021:** BS EN 60669-2-4 BS EN 60669-1
**Back Box Depth (mm):** 25 **660 675:** 35
**Cable Size (mm²):** 3 x 2.5 **660 675:** 3 x 2.5 or 2 x 4
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 11 (D)

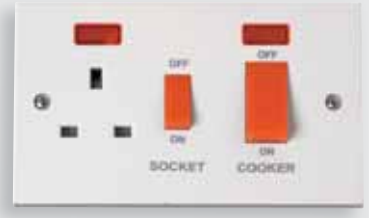
200

201

202

203

204


205

45A Switches And Socket Outlets

| | |
|---|---|
| PRW200 | 45A 1 Gang DP Switch |
| PRW201 | 45A 1 Gang DP Switch With Neon |
| PRW202 | 45A 2 Gang DP Switch |
| PRW203 | 45A 2 Gang DP Switch With Neon |
| PRW204 | 45A 2 Gang DP Switch With 13A DP Switched Socket |
| PRW205 | 45A 2 Gang DP Switch With 13A DP Switched Socket & Neons |

**Standards:** BS EN 60669-1 **204 205:** BS 4177
**Back Box Depth (mm):** 35
**Cable Size (mm²):** 1 x 16
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 11 (D) **2 Gang:** 146 (W) x 86 (H) x 11 (D) **202 203:** 86 (W) x 146 (H) x 11 (D)

500

501

502

503

504

505

45A Switches And Socket Outlets
With White Rockers

| | |
|---|---|
| PRW500 | 45A 1 Gang DP Switch With White Rocker |
| PRW501 | 45A 1 Gang DP Switch With White Rocker & Neon |
| PRW502 | 45A 2 Gang DP Switch With White Rocker |
| PRW503 | 45A 2 Gang DP Switch With White Rocker & Neon |
| PRW504 | 45A 2 Gang DP Switch With 13A DP Switched Socket & White Rockers |
| PRW505 | 45A 2 Gang DP Switch With 13A DP Switched Socket, White Rockers & Neons |

**Standards:** BS EN 60669-1 504 505: BS 4177
**Back Box Depth (mm):** 35
**Cable Size (mm²):** 1 x 16
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 11 (D) **2 Gang:** 146 (W) x 86 (H) x 11 (D) **502 503:** 86 (W) x 146 (H) x 11 (D)

essentials™ Decorative covers available for PRC210, see Essentials™ page N38.

### 10AX & 16A Pull Cord Switches

PRC009 10AX 2 Way Ceiling Pull Cord Switch
PRC210 10AX 2 Way Pull Cord Switch
PRC216 16A DP Pull Cord Switch With Neon

### Fan Isolation Pull Cord Switches

PRW208 10A 3 Pole Fan Isolation Pull Cord Switch

### 45A & 50A Pull Cord Switches

PRW210 45A DP Pull Cord Switch With Mechanical 'On/Off' & Neon
PRW211 50A DP Pull Cord Switch With Mechanical 'On/Off' & Neon
PRW213 50A DP Round Pull Cord Switch With Mechanical 'On/Off', Neon & Pattress

Suffix RD (Red cord & bangle) or AG (Anthracite Grey cord & bangle) to the above codes for product to be supplied with required cord and bangle. Example: A 10AX 2 Say Pull-cord Switch with red cord and bangle will become product code PRC210RD.

**Standards:** BS EN 60669-1 **Backbox:** **211:** 47 **208:** 25 **210:** 35
**Cable Size (mm²):** 2 x 1.5 or 1 x 2.5 **210:** 1 x 6 **211 213:** 1 x 25
**Dimensions (mm):** 86 (W) x 86 (H) x 43 (D) **009:** 76 (Dia) x 51.5 **210 216:** 70 (Dia) x 42 (D) **PRW213:** 100 (Dia) x 77 (D)

### 45A Cooker Connection Plates

PRW215 45A 1 Gang Cooker Connection Plate
UK Design Registration No. 3015175

### 45A Cooker Outlet Plates

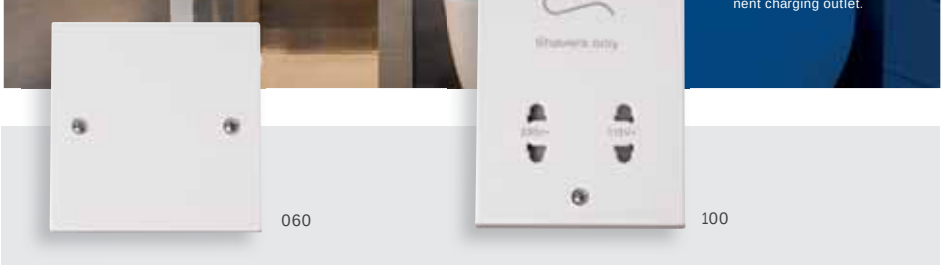
PRW217 45A Easyfit Dual Appliance Outlet Plate
UK Design Registration No. 3015175
Utilises standard 1 gang back box 25mm deep minimum.

### Pattress Box for PRW217 - Urea

PRW218 35mm Deep Pattress Box For Use With PRW217

**Standards:** BS 5733
**Back Box Depth (mm):** **215:** 35 **217:** 25 **Cable Size (mm²):** **215:** 2 x 10 **217:** 1 x 10
**Dimensions (mm):** **215:** 86 (W) x 86 (H) x 22.5 (D) **217:** 85 (W) x 130 (H) x 27 (D)**218:** 85 (W) x 130 (H) x 37.5 (D)

Click® dual voltage shaver outlets incorporate a double wound isolating transformer rated 20Va at 230V or 115V and meets BS EN 61558-2-5:2010 making it safe for use in bathrooms. Shaver outlet is not continuously rated and therefore not suitable for use as a permanent charging outlet.



060 100

### Blank Plates

PRW060 1 Gang Blank Plate
PRW061 2 Gang Blank Plate

### Dual Voltage Shaver Socket Outlet

PRW100 115/230V Dual Voltage Shaver Socket

017 090

### Flex Outlet Plates

PRW017 20A Flex Outlet Plate

### Connector Box

PRW090 15A 10 Way Surface Connector Box
(for use with central heating installations)

**Standards:** BS 5733 **090:** BS 4662 **100:** BS EN IEC 61558-1 BS EN 61558-2-5
**Back Box Depth (mm):** 16 **090:** 25 **100:** 47
**Cable Size (mm²): 017:** 3 x 2.5 or 2 x 4 **090:** 2 x 1.5 or 1 x 2.5 **100:** 2 x 1.5 or 1 x 2.5.
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 11 (D) **2 Gang:** 146 (W) x 86 (H) x 11 (D) **090:** 147 (W) x 87 (H) x 41 (D)
**100:** 86 (W) x 146 (H) x 11 (D)

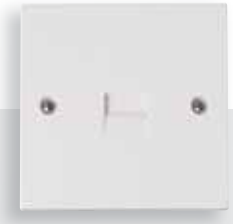
# TV & Telephone Sockets

Providing the means to facilitate the connection of modern communications equipment is as important today as it is to provide the electrical power to operate them.

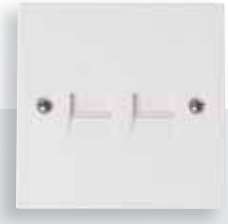
This section is devoted to the New Media™ range of plate accessories which includes products for connecting telephone, computer, television and satellite devices.

RJ11 Telephone Outlet - PC

PRW115 Single RJ11 (Irish/US) Outlet



119 | 124



122 | 127

Twin outlets are 2 separate sockets and not internally linked together.

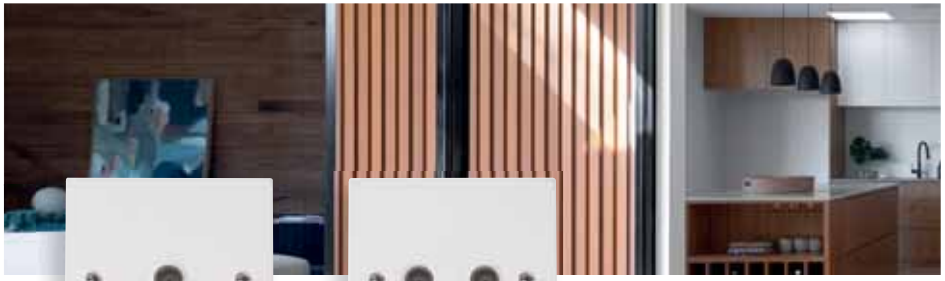
Telephone Outlets - Urea

PRW119 Single Telephone Outlet - Master
PRW122 Twin Telephone Outlet - Master
PRW124 Single Telephone Outlet - Secondary
PRW127 Twin Telephone Outlet - Secondary

**Back Box Depth (mm):** 16 **115:** 35
**Termination Type:** IDC **115:** Screw
**Dimensions (mm): 115:** 86 (W) x 86 (H) x 11 (D) **Urea:** 86 (W) x 86 (H) x 11 (D)



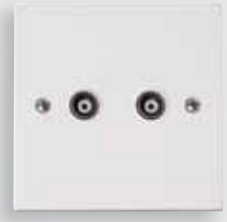




065

066

158



159

Non-isolated Coaxial Outlets (Unshielded)

PRW065 Single Coaxial Outlet
PRW066 Twin Coaxial Outlet

Isolated Coaxial Outlets (Unshielded)

PRW158 Single Isolated Coaxial Outlet
PRW159 Twin Isolated Coaxial Outlet

Isolated outlets will filter out any interference, if a 2 way signal is required, i.e. for use with satellite hard wire extensions, then a non-isolated outlet is required.

156

170

157

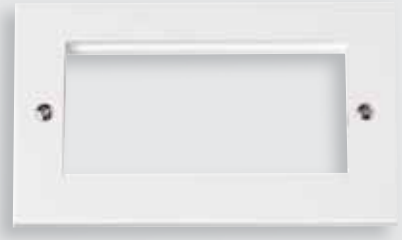
Satellite Outlets (Unshielded)

PRW156 Non-isolated Single Satellite Outlet
PRW170 Non-isolated Satellite & Non-isolated Coaxial Outlet
PRW157 Isolated Satellite & Isolated Coaxial Outlet

**Back Box Depth (mm):** 16
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 11 (D)

310

311



312

### Unfurnished Plates - New Media™

| | |
|---|---|
| PRW310 | 1 Gang New Media™ Unfurnished Plate - 1 Aperture |
| PRW311 | 1 Gang New Media™ Unfurnished Plate - 2 Apertures |
| PRW312 | 2 Gang New Media™ Unfurnished Plate - 4 Apertures |

**Standards:** BS 5733
**Back Box Depth (mm):** Dependent On Modules Fitted
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 11 (D) **2 Gang:** 146 (W) x 86 (H) x 11 (D)

080 081

091

175 176

245

### Moulded Pattress Boxes

| | |
|---|---|
| PRW080 | 1 Gang 16mm Deep Pattress Box With Earth Terminal |
| PRW081 | 1 Gang 25mm Deep Pattress Box |
| PRW082 | 2 Gang 25mm Deep Pattress Box |
| PRW083 | 1 Gang 35mm Deep Pattress Box |
| PRW084 | 2 Gang 35mm Deep Pattress Box |
| PRW085 | 1 Gang 47mm Deep Pattress Box With Earth Terminal |
| PRW086 | 2 Gang 47mm Deep Pattress Box Fitted With Cable Restraint & Earth Terminal |
| PRW089 | Dual Accessory 29mm Deep Pattress Box With Earth Terminal |

### Converter Pattress Box

| | |
|---|---|
| PRW091 | 1 Gang To 2 Gang 16mm Deep Converter Pattress |

### Architrave Pattress Boxes

| | |
|---|---|
| PRW175 | 1 Gang 19mm Deep Architrave Pattress Box with Earth Terminal |
| PRW176 | 2 Gang 19mm Deep Architrave Pattress Box with Earth Terminal |

For Polar™ products only

### PVC Pattress Boxes

| | |
|---|---|
| PRW230 | 1 Gang 29mm Deep PVC Pattress Box - Trunking |
| PRW240 | 1 Gang 29mm Deep PVC Pattress Box - Conduit |
| PRW235 | 2 Gang 29mm Deep PVC Pattress Box - Trunking |
| PRW245 | 2 Gang 29mm Deep PVC Pattress Box - Conduit |

essentials™ For the complete range of back boxes see Essentials™ page N4.

WA095

WA4247

WA107P

GA100

### Galvanised Steel Back Boxes

| | |
|---|---|
| WA092 | 1 Gang 16mm Deep Galvanised Steel K.O. Box |
| WA093 | 1 Gang 25mm Deep Galvanised Steel K.O. Box |
| WA094 | 2 Gang 25mm Deep Galvanised Steel K.O. Box |
| WA095 | 1 Gang 35mm Deep Galvanised Steel K.O. Box |
| WA096 | 2 Gang 35mm Deep Galvanised Steel K.O. Box |
| WA097 | 1 Gang 47mm Deep Galvanised Steel K.O. Box |
| WA098 | 2 Gang 47mm Deep Galvanised Steel K.O. Box |
| WA099 | 1 + 1 35mm Deep Dual Accessory Box |
| WA102 | 1 + 2 35mm Deep Dual Accessory Box |
| WA671 | 1 Gang 25mm Deep Architrave Box With 60.3mm Hole Centres |
| WA672 | 2 Gang 25mm Deep Architrave Box With 120.6mm Hole Centres |

### FlameGuard® Dry Lining Boxes

| | |
|---|---|
| WA4135 | 1 Gang 35mm Deep FlameGuard® Dry Lining Box |
| WA4235 | 2 Gang 35mm Deep FlameGuard® Dry Lining Box |
| WA4147 | 1 Gang 47mm Deep FlameGuard® Dry Lining Box |
| WA4247 | 2 Gang 47mm Deep FlameGuard® Dry Lining Box |

### Dry Lining Boxes (Sprung Fixing Lugs)

| | |
|---|---|
| WA087SF | 1 Gang 35mm Deep Dry Lining Box |
| WA088SF | 2 Gang 35mm Deep Dry Lining Box |
| WA106SF | 1 Gang 47mm Deep Dry Lining Box |
| WA107SF | 2 Gang 47mm Deep Dry Lining Box |

### Dry Lining Boxes

| | |
|---|---|
| WA087P | 1 Gang 35mm Deep Dry Lining Box |
| WA088P | 2 Gang 35mm Deep Dry Lining Box |
| WA106P | 1 Gang 47mm Deep Dry Lining Box |
| WA107P | 2 Gang 47mm Deep Dry Lining Box |
| WA108P | Round Ceiling 34mm Deep Dry Lining Box |

### Ezylink' Dry Lining Boxes

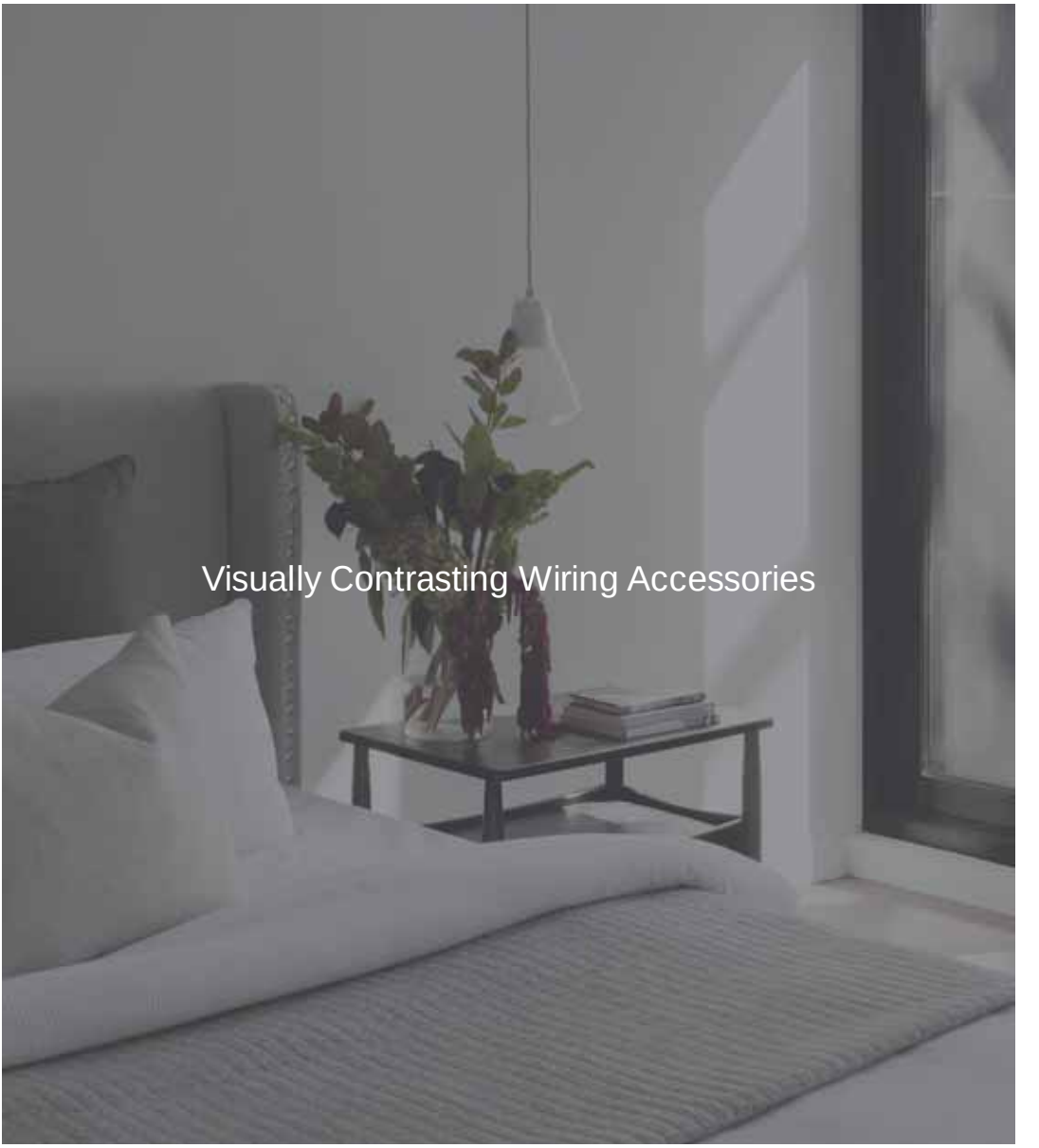
GA100 'Ezylink' Dry Lining Box Connector

Suitable for use with WA087P, WA088P, WA106P & WA107P.

## essentials™

For the complete range of back boxes see Essentials™ page **N4**.

FlameGuard® back boxes have been tested and conform to both fire and acoustic BS EN standards. Fire: BS EN 1364-1 Acoustic: BS EN ISO 140-2. Complies with Building Regulations Fire tested up to 90 minutes with the cabability of the boxes being mounted back to back.




**Part M Range™**

# Part M Range™

## Visually Contrasting Wiring Accessories

The Mode® range has been expanded to include a range of anthracite grey finished accessories to comply with current Building Regulations Part M.

Our Part M™ range features the modular design of the Mode® range allowing designers and installers unprecedented flexibility in creating dedicated wiring solutions to deal specifically with virtually all wiring requirements.

All Part M™ wiring accessories are tested and compliant with all UK and European standards.

25 YR WARRANTY

# 25 Year Warranty

All Part M™ products are covered by our 25 year warranty against any fault in materials or manufacture experienced at any time within 25 years of the date of supply.

ANTIBACTERIAL & ANTIVIRAL
Certified Products

# Antiviral & Antibacterial Certified

Part M™ plates are manufactured using Urea Formaldehyde, which has similar inherent properties to antimicrobial additives that inhibit the growth of infectious diseases.

Part M™ plates have been independently tested and have shown to have anti-viral properties against enveloped and non-enveloped viruses.

After a contact period of 4 hours, Part M™ was shown to have a 99.9% kill off rate against enveloped viruses and a 92% kill off rate against non-enveloped viruses.

All products independently tested achieved a 99.99% kill off rate across all four types of the strains of bacteria - MRSA, E-Coli, Salmonella, Klebsiella Pneumonia and enveloped viruses.

## Contents

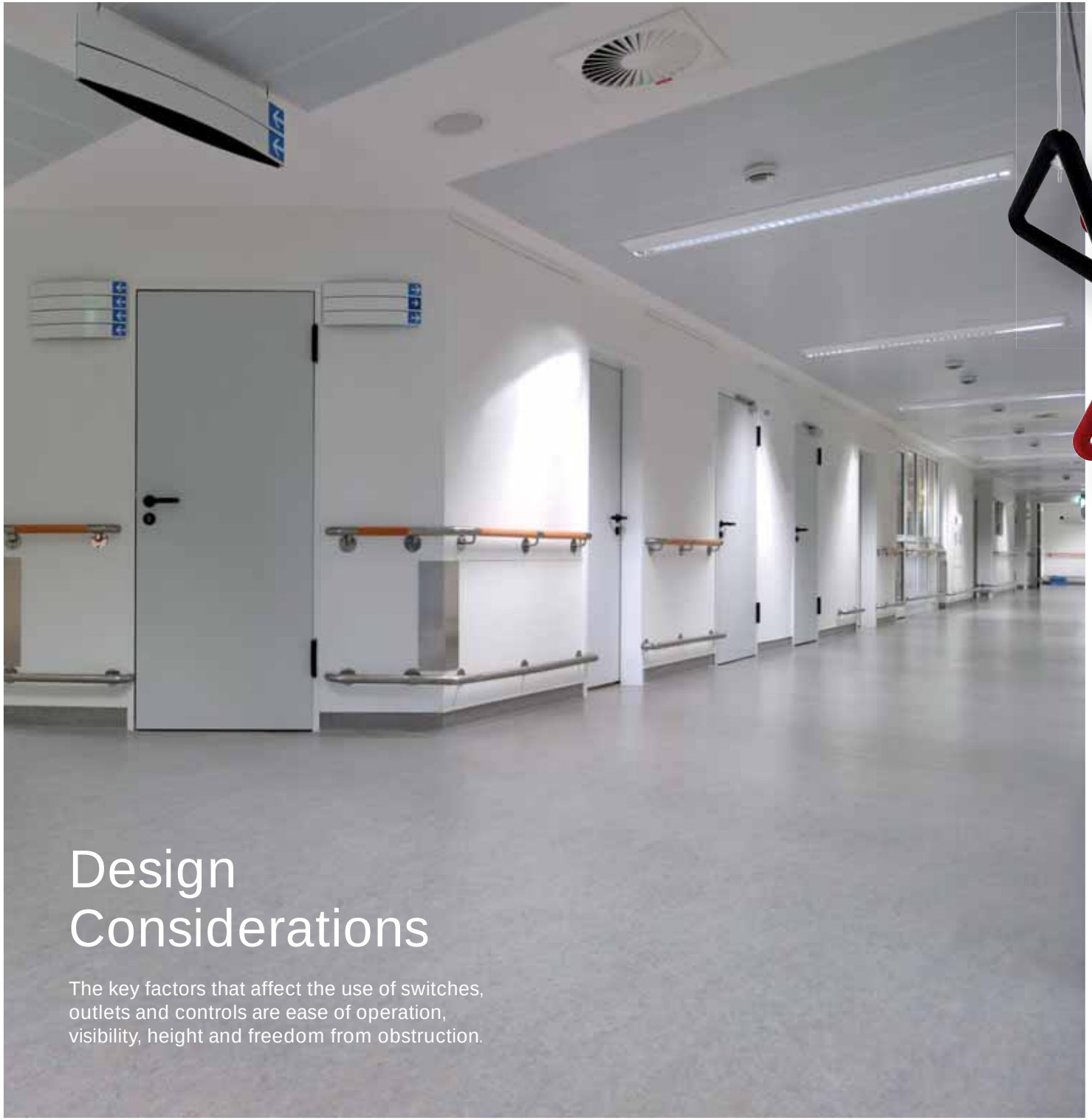

| | |
|---|---|
| Design Considerations | I4 |
| Switches | I7 |
| Yokes & Back Boxes | I10 |
| Power Socket Outlets | I12 |
| Control Switches | I15 |
| Ceiling Accessories | I16 |
| New Media™ Plates | I17 |
| Design Provisions | I18 |
| Light Reflectance Values | I18 |
| Dry Lining Boxes | I20 |


# Building Regulations Part M

Part M1 of the Building Regulations refers to the 'Access and Use' of a building and its facilities with Sections 4.25 to 4.30 then refining the use and design considerations of switches, outlets and controls.

Part of the requirements of Part M1 is to aid disabled people within their surroundings, being able to activate a light, socket or control within arms length, for the visually impaired being able to identify the units' position against its surrounding décor, and for the infirm a suitable pull-cord switch to raise the alarm in the event of an emergency.

The Part M™ Range offers suitable solutions to the elements raised in Part M1 (4.25 to 4.30) with anthracite grey accessories contrasting against the high reflective décor used in the majority of todays' buildings along with a range of pull-cord switches with alternative cords and bangles.



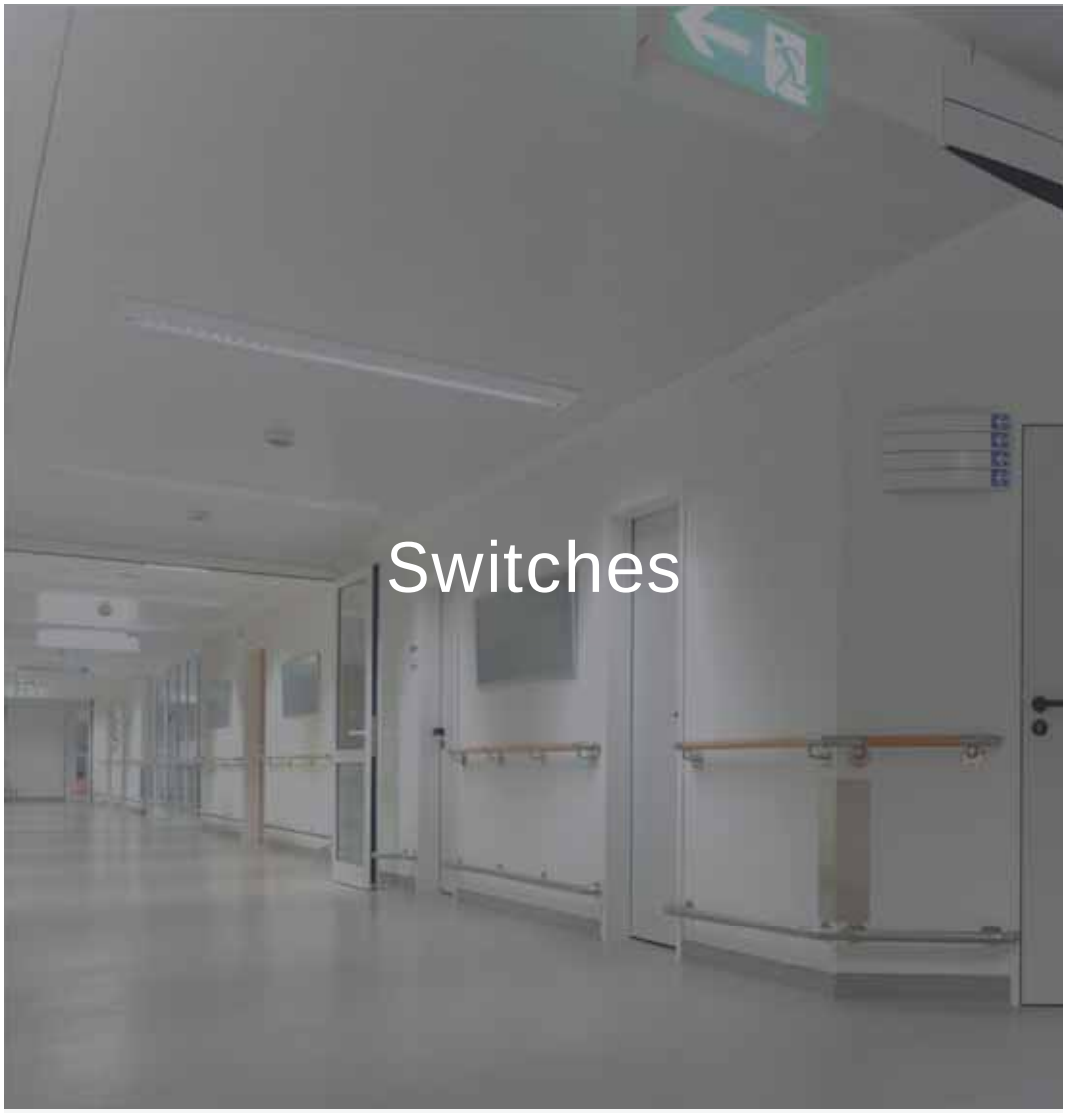
# Design Considerations

The key factors that affect the use of switches, outlets and controls are ease of operation, visibility, height and freedom from obstruction.

## Pull Cord Provisions

- Where wall mounted switches cannot be provided, i.e. bathrooms and toilets, lighting pull cords are recommended. A 50mm bangle visually contrasting with its background needs to be fitted between 900mm and 1100mm above the floor
- For emergency alarms systems the pull cord and bangle needs to be coloured red and located as close to a wall as possible. Two bangles are to be fitted, one set at 100mm and the other set between 800mm and 1000mm above the floor.

- A consistent relationship with doorways and corners will further reinforce the ease with which people manipulate switches and controls
- All users should be able to locate a control, know which setting it is on and use it without setting it on and use it without inadvertently changing its setting
- Controls that contrast visually with their surroundings are more convenient for visually impaired people, as are light switches that are activated by a large push pad
- It is also an advantage if individual switches on panels and on multiple socket outlets are well separated, or in the form of large touch plates, to avoid the inadvertent selection of an adjacent control by visually impaired people and people with limited dexterity.

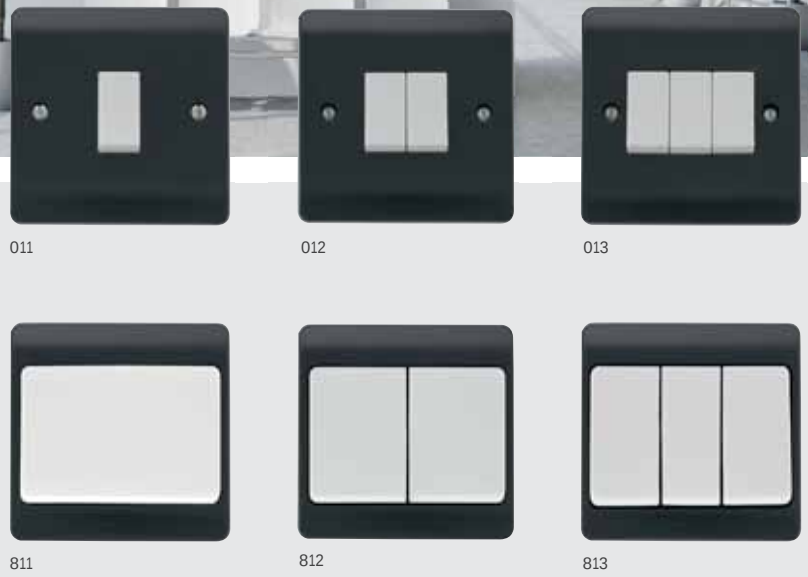


# Switches

The products illustrated in this section of the catalogue are finished plates and unfurnished mounting plates.

For information on the full range of modules available please refer to the Minigrid® section of this catalogue.

All 10AX plate switches feature individual switch modules all fully interchangeable between plastic and metal ranges - thus providing optimum flexibility in wiring.



011 012 013

811 812 813

Polar White switch modules fitted, interchangeable with MiniGrid® **Modules**.
For the complete range of MiniGrid® modules, see the dedicated MiniGrid® section, page K18.

Plates Switches - MiniGrid®

| | |
|---|---|
| CMA011AG | 10AX 1 Gang 2 Way Plate Switch |
| CMA012AG | 10AX 2 Gang 2 Way Plate Switch |
| CMA013AG | 10AX 3 Gang 2 Way Plate Switch |

Wide Rocker Switches - Non Modular

| | |
|---|---|
| CMA811AG | 10AX 1 Gang 2 Way Wide Rocker Switch |
| CMA812AG | 10AX 2 Gang 2 Way Wide Rocker Switch |
| CMA813AG | 10AX 3 Gang 2 Way Wide Rocker Switch |
| CMA825AG | 10AX 1 Gang Wide Rocker Intermediate Switch |
| CMA828AG | 10AX 1 Gang 2 Way Wide Rocker Retractive Switch |

**Standards:** BS EN 60669-1
**Back Box Depth (mm):** 16
**Cable Size (mm²): 011 012 013:** 4 x 1.5 or 2 x 2.5 **811 812 813 825 828:** 2 x 1.5
**Dimensions (mm):** 86 (W) x 86 (H) x 9.5 (D)

# Unfurnished Plates

MINIGRID® For the complete range of MiniGrid® modules, see the dedicated MiniGrid® section, page K18.

## Unfurnished Plates - MiniGrid®

CMA401AG 1 Gang MiniGrid® Unfurnished Plate - 1 Aperture
CMA402AG 1 Gang MiniGrid® Unfurnished Plate - 2 Apertures
CMA403AG 1 Gang MiniGrid® Unfurnished Plate - 3 Apertures
CMA404AG 2 Gang MiniGrid® Unfurnished Plate - 2 x 2 Apertures
CMA426AG 2 Gang MiniGrid® Unfurnished Plate - 6 In-Line Apertures

**Standards:** BS 5733
**Back Box Depth (mm):** Dependent On Modules Fitted
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 9.5 (D) **2 Gang:** 146 (W) x 86 (H) x 9.5 (D)



# Unfurnished Plates c / w Gasket



The furnished plate shown here contains a selection of both single and twin width Minigrid® modules. The yoke 'GR100' is required to mount the Minigrid® modules into prior to assembling the frontplate.

## 2 Tier Unfurnished Plates - MiniGrid®

VPAG512 2 Tier MiniGrid® Unfurnished Plate c / w Gaskets - 12 Apertures - Part M™

Polar™ & Deco® Victorian plate finishes also available.
2 x GR100 Yokes required, see page I10

## 3 Tier Unfurnished Plates c / w Gaskets - MiniGrid®

VPAG518 3 Tier MiniGrid® Unfurnished Plate c / w Gaskets - 18 Apertures - Part M™

Polar™ & Deco® Victorian plate finishes also available.
3 x GR100 Yokes required, see page I10.

MINIGRID®

If dimmer modules are to be mounted directly above each other, the MD9014 (page K37) or similar height dimmer modules must be installed. Alternatively, retractive switch modules MD004 (page K21) can be used in conjunction with Click Smart+ dimming receivers (page B22).

**Standards:** BS 5733
**Back Box Depth (mm):** 47
**Dimensions (mm):** **512:** 146 (W) x 146 (H) x 8 (D) **518:** 146 (W) x 227 (H) x 8 (D)

Example of yoke furnished with modules

MINIGRID®

Galvanised steel back boxes supplied for flush mounting of the large MiniGrid® plates. Mounting Yoke facilitates pre-assembly of required modules. Fitted with twin earth terminals.

GR100 WA512 WA518

Yokes

| | |
|---|---|
| GR100BK | MiniGrid® Module Yoke - 6 Apertures - Black |
| GR100PW | MiniGrid® Module Yoke - 6 Apertures - White |
| GR100GY | MiniGrid® Module Yoke - 6 Apertures - Grey |

2 or 3 yokes are required based on the backbox selected.

Galvanised Steel Back Boxes

| | |
|---|---|
| WA512 | 2 Tier 47mm Deep K.O. Box |
| WA518 | 3 Tier 47mm Deep K.O. Box |

**Standards: 512 518:** BS 4662
**Dimensions (mm): GR100:** 129 (W) x 55 (H) x 14 (D) **WA512:** 137 (W) x 137 (H) x 47 (D) **WA518:** 137 (W) x 197 (H) x 47 (D)

# Power Socket Outlets, Fused Connection Units & Control Switches

All Part M™ 13A sockets and fused connection units are tested and approved to BS1363 offering assured quality and safety.

The provision of large twin earth terminals on our two gang sockets and fused connection units greatly facilitates wiring and installation

The Part M™ range offers a solution for almost every possible design need and will enhance the décor of any area whether in a kitchen, bedroom, lounge or study etc...

835 | 1835

836 | 1836

### Switched Socket Outlets

CMA035AG 13A 1 Gang DP Switched Socket
CMA835AG 13A 1 Gang DP Switched Socket With Neon
CMA836AG 13A 2 Gang DP Switched Socket With Outboard Rockers (Twin Earth)
CMA840AG 13A 2 Gang DP Switched Socket With Neons & Outboard Rockers (Twin Earth)

### Switched Safety Shutter Socket Outlets

CMA1035AG 13A 1 Gang DP Switched Socket
CMA1835AG 13A 1 Gang DP Switched Socket & Neon
CMA1836AG 13A 2 Gang DP Switched Socket With Outboard Rockers (Twin Earth)
CMA1840AG 13A 2 Gang DP Switched Socket With Outboard Rockers & Neons (Twin Earth)

Safety Shuttered Sockets listed are only available for sale in the Republic of Ireland.

030

032

### Unswitched Socket Outlets

CMA030AG 13A 1 Gang Unswitched Socket
CMA032AG 13A 2 Gang Unswitched Socket (Twin Earth)

**Standards:** BS 1363-2
**Back Box Depth (mm):** 25 **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 9.5 (D) **2 Gang:** 146 (W) x 86 (H) x 9.5 (D)

100

735
Locating socket

736
Locating socket

### Locating Plug Socket Outlets

CMA735AG 13A 1 Gang DP Switched Locating Plug Socket
CMA736AG 13A 2 Gang DP Switched Locating Plug Socket With Outboard Rockers (Twin Earth)

### Dual Voltage Shaver Socket Outlet

CMA100AG 115/230V Dual Voltage Shaver Socket

Click® dual voltage shaver outlets incorporate a double wound isolating transformer rated 20Va at 230V or 115V and meets BS EN 61558-2-5:2010 making it safe for use in bathrooms. Shaver outlet is not continuously rated and therefore not suitable for use as a permanent charging outlet.

**Standards:** BS 1363-2 **100:** BS EN IEC 61558-1 BS EN 61558-2-5
**Back Box Depth (mm):** 25 **Cable Size (mm²):** 3 x 2.5 or 2 x 4 **100:** 2 x 1.5 or 1 x 2.5
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 9.5 (D) **2 Gang:** 146 (W) x 86 (H) x 9.5 (D) **100:** 86 (W) x 146 (H) x 9.5 (D)

771U

770

780

786

Switched Sockets With USB Outlets

CMA771UAG 13A 1 Gang Switched Socket With 2.1A USB Outlet (Twin Earth)

CMA770AG 13A 2 Gang Switched Socket With 2.1A USB Outlet (Twin Earth)

CMA780AG 13A 2 Gang Switched Socket With Twin 2.1A USB Outlets (4.2A) (Twin Earth)

CMA785AG 13A 1 Gang Switched Socket Outlet With Type A & C USB (4A) Outlets (Twin Earth)

CMA786AG 13A 2 Gang Switched Socket Outlet With Type A & C USB (4.2A) Outlets (Twin Earth)

**Standards:** BS 1363-2: 2016 +A1: 2018 BS EN IEC 62368-1 BS EN 62680-1-1
**Back Box Depth (mm):** 25 **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 9.5 (D) **2 Gang:** 146 (W) x 86 (H) x 9.5 (D)

023

052

20A Control Switches With Optional Flex Outlet Through The Bottom

CMA023AG 20A DP Switch With Neon

Fused Connection Units With Optional Flex Outlet Through The Bottom

CMA052AG 13A Switched Fused Connection Unit With Neon

650

651

652

Fused Connection Units Without Flex Outlet

CMA650AG 13A Fused Connection Unit
CMA651AG 13A Switched Fused Connection Unit
CMA652AG 13A Switched Fused Connection Unit With Neon
CMA653AG 13A Fused Connection Unit With Neon

500

501

504

45A Switches And Socket Outlets

CMA500AG 45A 1 Gang DP Switch
CMA501AG 45A 1 Gang DP Switch With Neon
CMA503AG 45A 2 Gang (Vertical) DP Switch With Neon
CMA504AG 45A 2 Gang DP Switch With 13A DP Switched Socket Outlet

**Standards:** BS 1363-4 BS 1362 **023 500 501 503:** BS EN 60669-1 **504:** BS 4177 **Back Box Depth (mm):** 25 **45A:** 35
**Cable Size (mm²):** 3 x 2.5 or 2 x 4 **023:** 3 x 2.5 **45A:** 1 x 16
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 9.5 (D) **2 Gang:** 146 (W) x 86 (H) x 9.5 (D) **503:** 86 (W) x 146 (H) x 9.5 (D)

### Pull Cord Switches

| | |
|---|---|
| PRC210AG | 10AX 2 Way Pull Cord Switch With Grey Bangle |
| PRC216AG | 16A DP Pull Cord Switch With Grey Bangle |
| PRW208AG | 10A 3 Pole Fan Isolation Pull Cord Switch With Grey Bangle |
| PRW210AG | 45A DP Pull Cord Switch With Mechanical 'On/Off' & Neon - Grey Bangle |
| PRW210RD | 45A DP Pull Cord Switch With Mechanical 'On/Off' & Neon - Red Bangle |
| PRW211AG | 50A DP Pull Cord Switch With Mechanical 'On/Off' & Neon - Grey Bangle |
| PRW211RD | 50A DP Pull Cord Switch With Mechanical 'On/Off' & Neon - Red Bangle |
| PRW213AG | 50A DP Round Pull Cord Switch With Mechanical 'On/Off', Neon, Pattress & Grey Bangle |
| PRW213RD | 50A DP Round Pull Cord Switch With Mechanical 'On/Off', Neon, Pattress & Red Bangle |

**Standards:** BS EN 60669-1
**Back Box Depth (mm):** **208:** 25 **PRC210 213 216:** Pattress Supplied **PRW210:** 35 **211:** 47
**Cable Size (mm²):** **208 PRC210 216:** 2 x 1.5 or 1 x 2.5 **PRW210:** 1 x 6 **211 213:** 1 x 25
**Dimensions (mm):** 86 (W) x 86 (H) x 43 (D) **PRW213:** 100 (Dia) x 77 (D) **PRC210 216:** 70 (Dia) x 42 (D)

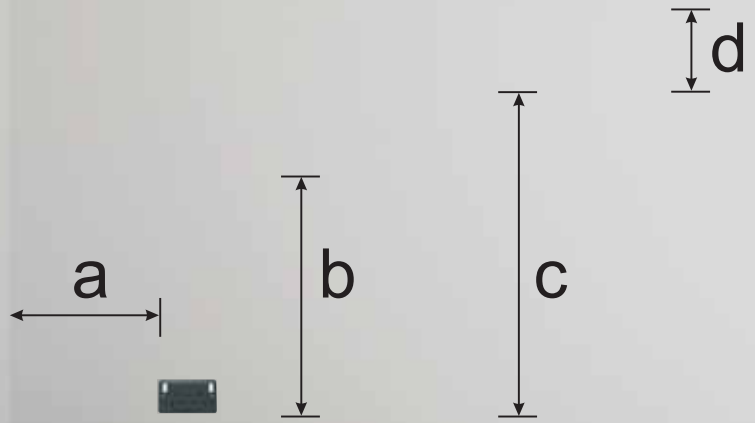
### Unfurnished Plates - New Media™

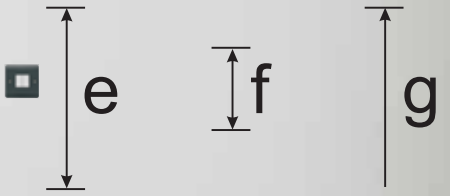
| | |
|---|---|
| CMA310AG | 1 Gang New Media™ Unfurnished Plate - 1 Aperture |
| CMA311AG | 1 Gang New Media™ Unfurnished Plate - 2 Apertures |
| CMA312AG | 2 Gang New Media™ Unfurnished Plate - 4 Apertures |

**Standards:** BS 5733
**Back Box Depth (mm):** Dependent On Modules Fitted
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 9.5 (D) **2 Gang:** 146 (W) x 86 (H) x 9.5 (D)

# Provision for meeting the design considerations

Section 4.30 of Part M™ lays out the provisions for satisfying the design considerations.




LRV values for finishes with * should be used with caution as the gloss level on these can give inaccurate results depending on lighting and or viewing conditions.

Part M™ Section 0.26 indicates that the visual perception of one element of the building, or fitting within the building against another has a greater light reflectance value difference of 30 points, where black = 0 points and white = 100 points. Where illuminance on surfaces is greater than 200 LUX a difference in light reflectance value should be a minimum of 20 points.

Example: Anthracite grey (LRV 8.9) on a brilliant white background (LRV 100) gives a contrast of 91.1 points which complies with Part M™.

Section 4.30 '(m) frontplates contrast visually with their backgrounds'. This requirement is open to interpretation, with one being the complete product contrasting against its background and another with the switch contrasting against its frontplate. The Part M™ range of products satisfies both.

The contrast values are stipulated within - Design guidance for internal built environments - Reading University.

The information relayed in this brochure is for guidance only, with the specifier or contractor having the responsibility of selecting the products which comply with Part M™ and ensuring they are installed and positioned to meet the regulations.

| Range | LRV | |
|---|---|---|
| CMA***AG | 8.9 | Anthracite Grey Range |
| CMA*** | 74.3 | Mode® Range |
| PRW*** | 74.3 | Polar™ Range |
| CCA*** | 74.3 | Curva® Range |
| WA*** | 83.6 | Accessories White Range |
| CL*** | 37 | Metal Clad Range |
| WA***RD | 15.3 | Red Range |

GridPro®, Minigrid® & New Media™ Modules

| Finish | LRV | |
|---|---|---|
| PW | 74.3 | Polar White |
| WH | 83.6 | Accessories White |
| BK | 4.9 | Black |
| RD | 15.3 | Red |

Decorative Finishes

| Finish | LRV | |
|---|---|---|
| AB* | 34.1 | Antique Brass |
| BN* | 18.4 | Black Nickel |
| PN* | 43.3 | Pearl Nickel |
| SB* | 66.9 | Satin Brass |
| SC* | 38.3 | Satin Chrome |
| SS* | 49.8 | Stainless Steel |

a. Socket outlets are located consistently to doorways and room corners, but in any case no nearer than 350mm from room corners.

b. Wall mounted sockets outlets, telephone, data and TV outlets are located between 400mm and 1000mm above the floor, with a preference for the lower end of the range.

c. Switches for permanently wired appliances are located between 400mm and 1200mm above the floor, unless needed at a higher level for particular appliances.

d. Controls that need close vision are located between 1200mm and 1400mm above the floor, so that readings may be taken by a person sitting or standing.

e. All switches that require precise hand movements are located between 750mm and 1200mm above the floor.

f. Light switches for use by the general public have large push pads and align with door handles within the range 900mm to 1100mm, for ease of location when entering a room.

g. Simple push button controls that require limited dexterity are not more than 1200mm above the floor.

WA095

WA106P

WA107P

GA100

### Galvanised Steel Back Boxes

| | |
|---|---|
| WA092 | 1 Gang 16mm Deep Galvanised Steel K.O. Box |
| WA093 | 1 Gang 25mm Deep Galvanised Steel K.O. Box |
| WA094 | 2 Gang 25mm Deep Galvanised Steel K.O. Box |
| WA095 | 1 Gang 35mm Deep Galvanised Steel K.O. Box |
| WA096 | 2 Gang 35mm Deep Galvanised Steel K.O. Box |
| WA097 | 1 Gang 47mm Deep Galvanised Steel K.O. Box |
| WA098 | 2 Gang 47mm Deep Galvanised Steel K.O. Box |
| WA099 | 1 + 1 35mm Deep Dual Accessory Box |
| WA102 | 1 + 2 35mm Deep Dual Accessory Box |

### Dry Lining Boxes (Sprung Fixing Lugs)

| | |
|---|---|
| WA087SF | 1 Gang 35mm Deep Dry Lining Box |
| WA088SF | 2 Gang 35mm Deep Dry Lining Box |
| WA106SF | 1 Gang 47mm Deep Dry Lining Box |
| WA107SF | 2 Gang 47mm Deep Dry Lining Box |

### Dry Lining Boxes

| | |
|---|---|
| WA087P | 1 Gang 35mm Deep Dry Lining Box |
| WA088P | 2 Gang 35mm Deep Dry Lining Box |
| WA106P | 1 Gang 47mm Deep Dry Lining Box |
| WA107P | 2 Gang 47mm Deep Dry Lining Box |
| WA108P | Round Ceiling 34mm Deep Dry Lining Box |

### Ezylink' Dry Lining Boxes

GA100 'Ezylink' Dry Lining Box Connector

Suitable for use with WA087P, WA088P, WA106P & WA107P.

essentials™

For the complete range of back boxes see Essentials™ page N4.

WA4135

WA4147

WA4235

WA4247

FlameGuard® system

For the complete range of FlameGuard® back boxes see Essentials™ page N8.

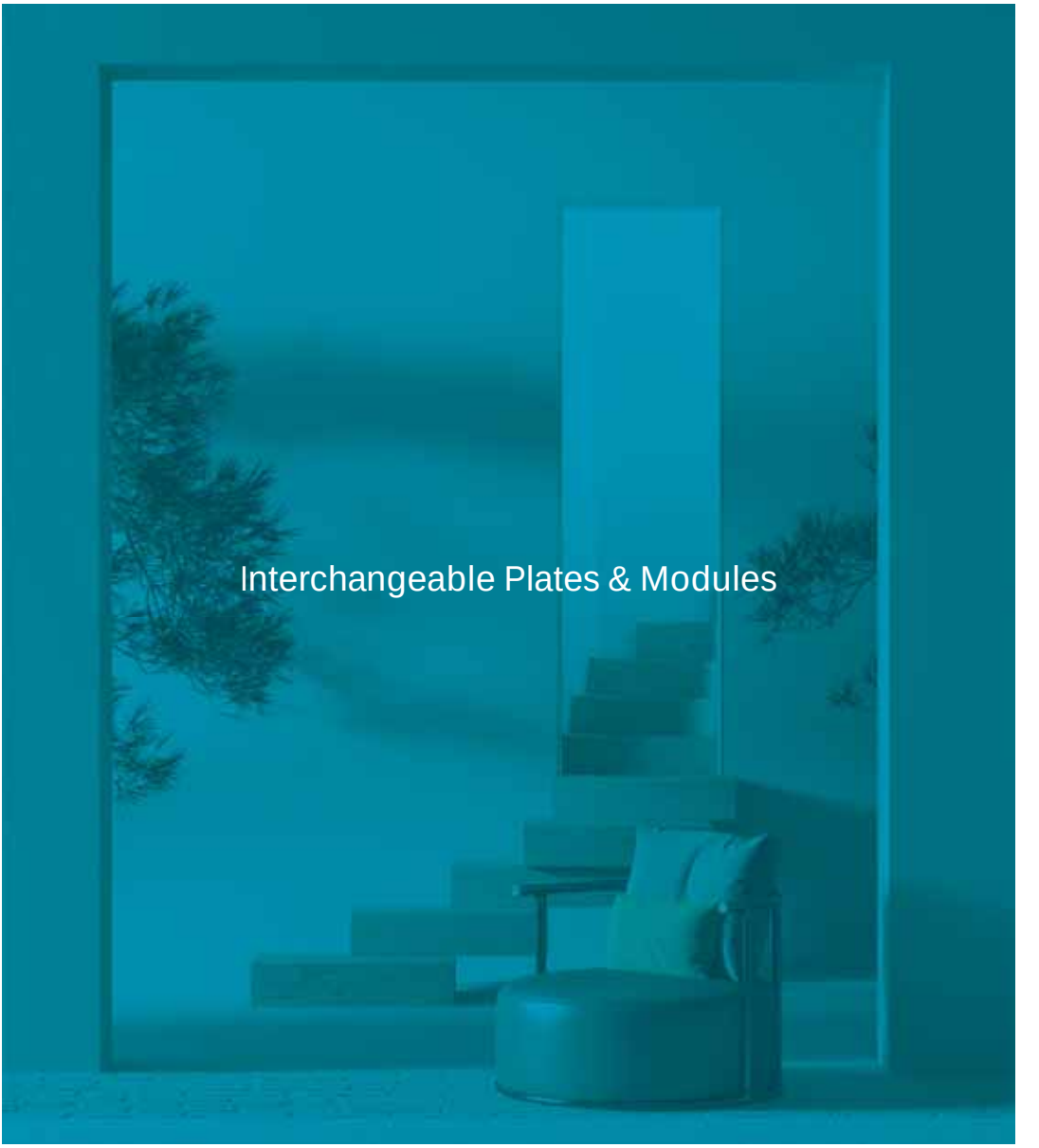
### FlameGuard® Dry Lining Boxes

| | |
|---|---|
| WA4135 | 1 Gang 35mm Deep FlameGuard® Dry Lining Box |
| WA4235 | 2 Gang 35mm Deep FlameGuard® Dry Lining Box |
| WA4147 | 1 Gang 47mm Deep FlameGuard® Dry Lining Box |
| WA4247 | 2 Gang 47mm Deep FlameGuard® Dry Lining Box |

### Spacer Gaskets

| | |
|---|---|
| CMA095 | 1 Gang 10mm Spacer Gasket - Polar White |
| CMA096 | 2 Gang 10mm Spacer Gasket- Polar White |

FlameGuard® back boxes have been tested and conform to both fire and acoustic BS EN standards. Fire: BS EN 1364-1 Acoustic: BS EN ISO 140-2. Complies with Building Regulations Fire tested up to 90 minutes with the cabability of the boxes being mounted back to back.



# Interchangeable Plates & Modules

GRIDPRO®

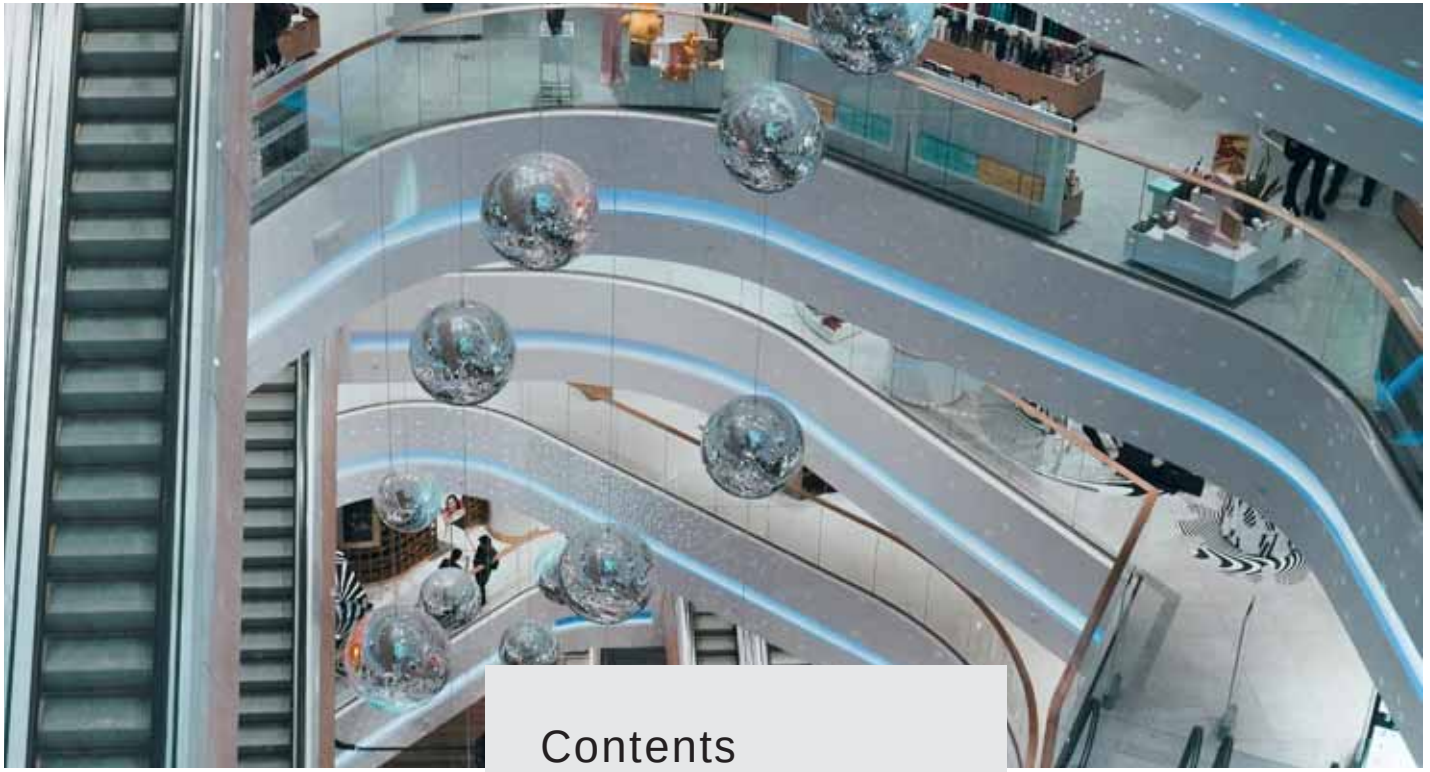
# GRIDPRO®

## Interchangeable Plates & Modules

Now introducing the new range of GridPro® frontplates and modules. A comprehensive range of finishes and modules available to offer ultimate flexibility.

As well as a wide range of modules to choose from all of our switch modules are 20A rated so they are ideal for both domestic and commercial applications.

The GridPro® range will complement your existing Click® installation, as the range was specifically designed to seamlessly match our existing ranges of Click® wiring accessories.



## Contents


| | |
|---|---|
| New Features | **J4** |
| Clip Feature Assembly Guide | **J20** |
| Screw Feature Assembly Guide | **J22** |
| Modules | **J26** |
| Dimmer Mounting Kits | **J80** |
| Deco Plus® Frontplates | **J87** |
| Definity™ Assembly Guide | **J96** |
| Definity™ Frontplates | **J98** |
| Define® and Metal Clad Assembly Guide | **J104** |
| Define® Frontplates | **J106** |
| Deco® Frontplates | **J114** |
| Mode® Frontplates | **J122** |
| Part M™ Frontplates | **J128** |
| Polar™ Frontplates | **J134** |
| Metal Clad Frontplates | **J140** |
| Yokes & Back Boxes | **J145** |


20 YR WARRANTY

## 20 Year Warranty

All GridPro® products are covered by our 20 year warranty against any fault in materials or manufacture experienced at any time within 20 years of the date of supply.

# One Module Fits All

...via a clipping feature & screw attachment on each module.

Ideal for isolation of kitchen appliances!

Clipping feature allows easy removal and assembly of the module onto a grid Yoke by hand or small tool.

Screw attachment feature allows the modules to be assembled onto 1 - 4 gang GridPro® frontplates without a yoke.

Ergonomic front mounting module designed with a large radius on the corners, allowing easy assembly.

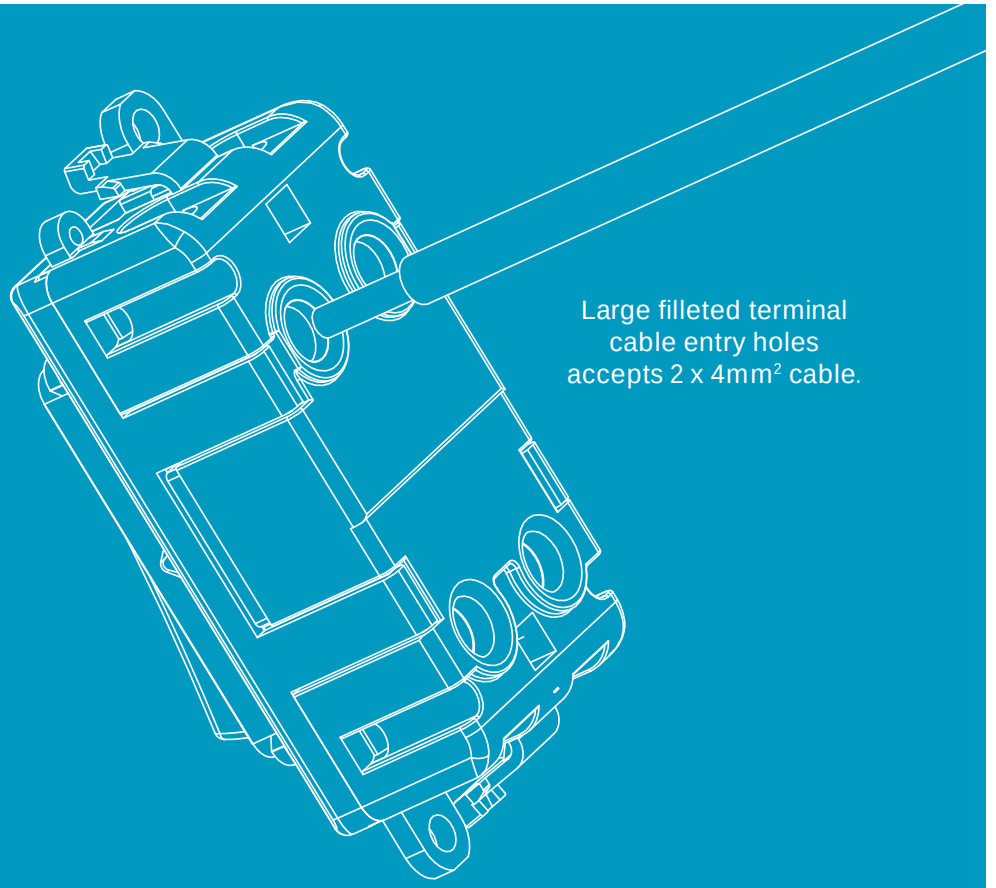
# Ergonomic Modules

...every pro needs.

Our new range features design elements that enable quicker and easier installation whilst maintaining all the key features and stylish design of the existing range of Click® wiring accessories.

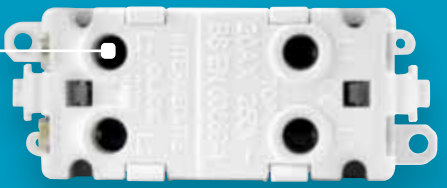
When a yoke is required for the larger GridPro® frontplates another unique feature of our modules is the clip on the top and bottom of the module, which allows easy removal and assembly of the module onto a grid Yoke by hand or a small tool.

Our GridPro® modules do not require a special back box so can be used with standard BS4662 Back Boxes.

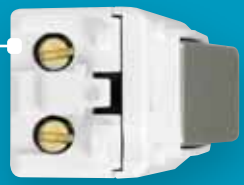


Large filleted terminal cable entry holes accepts 2 x 4mm² cable.

All modules come with backed off captivated terminal screws for ease of assembly.



A screwdriver guide ensures the screwdriver easily locates with terminal screw head to clamp cable in position. The terminal screw apertures are designed to help guide the tool.



# No Yoke!

...for 1-4 gang GridPro® frontplates.

**SCREW-IN** MODULES

**NO YOKE**

**STANDARD** BACK BOX

For use with 1 - 4 gang GridPro® frontplates*...

*excluding the screwless Definity™ GridPro® frontplates, which have their own dedicated inserts.

The GridPro® modules are secured to the back of the 1 - 4 gang GridPro® frontplates via the screw feature on the modules*. The benefit of not using a yoke is that it allows the installer to use standard back boxes!

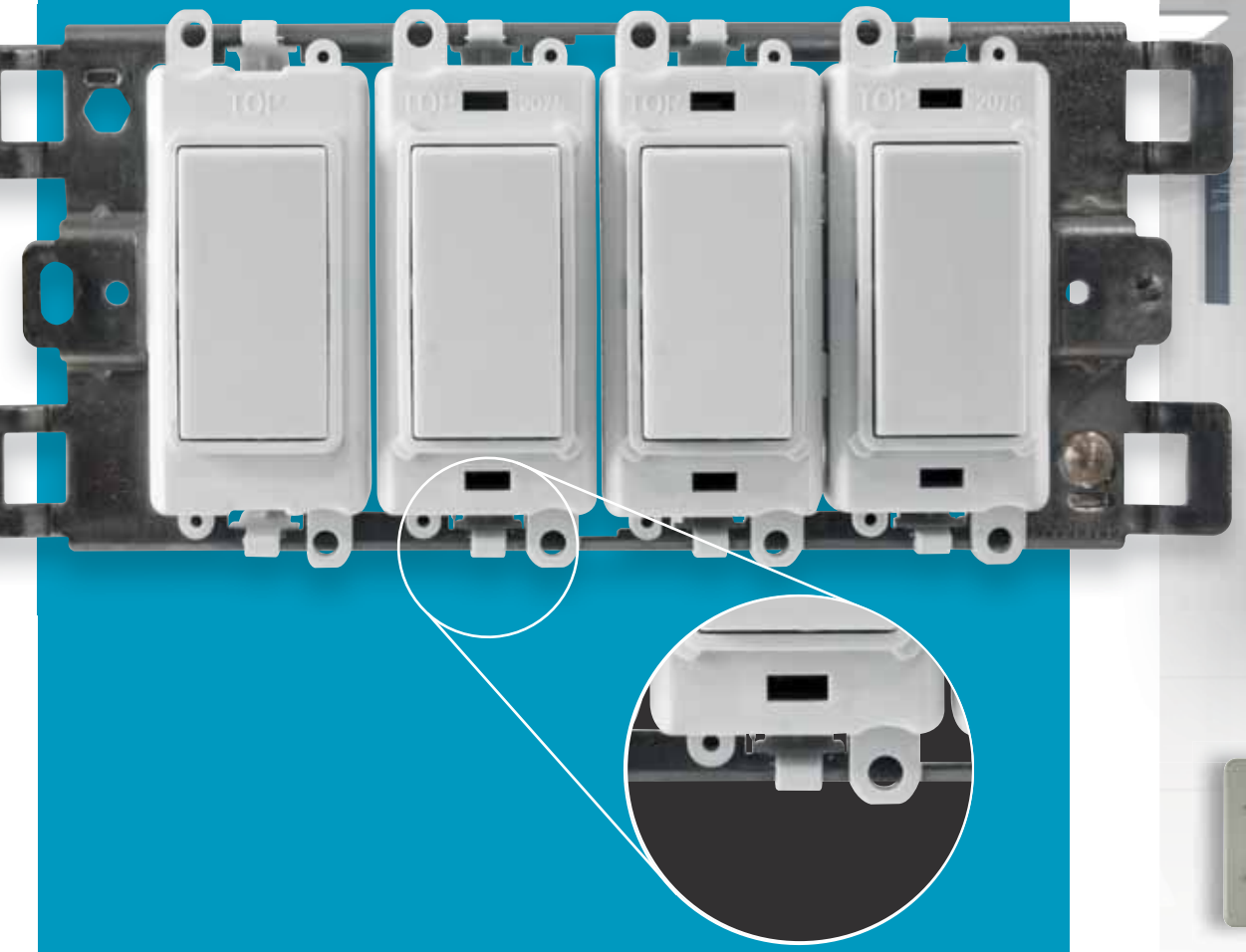
*excluding the screwless Definity™ GridPro® frontplates, which have their own dedicated inserts.

Screw directly on to the back of 1-4 gang GridPro® frontplates!

# Clip-On Modules

...for fast and easy installation.

When a yoke is required on the multi tier GridPro® frontplates the module can be assembled using the clip attachment, which secures them to the metal yokes.



For use with 6 - 24 gang GridPro® frontplates*...



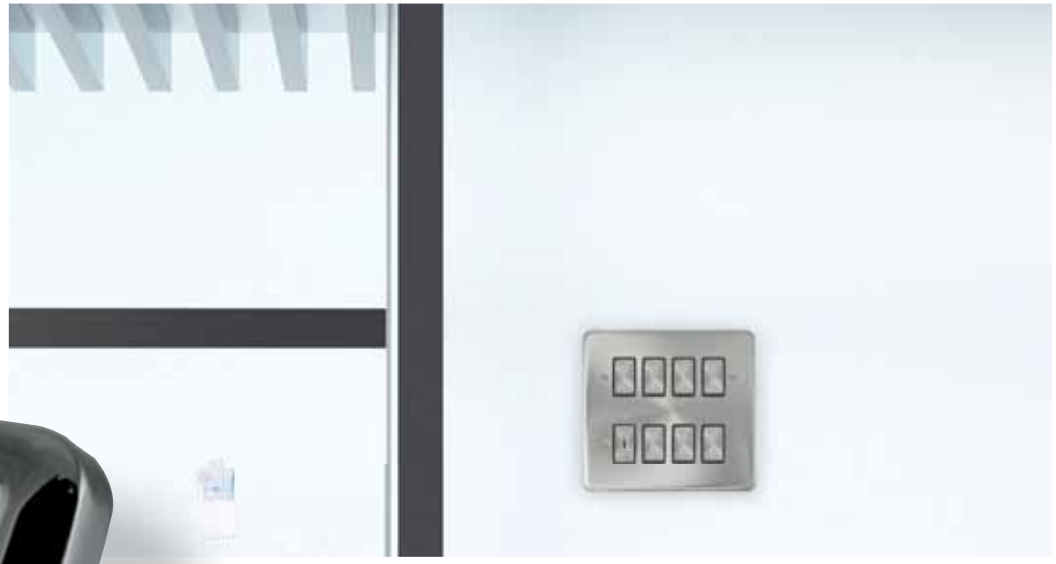
*excluding the screwless Definity™ GridPro® frontplates, which have their own dedicated inserts.

# Horizontal Fixing Screws

...on all GridPro® frontplates.

NO YOKE

SCREW-IN MODULES



GridPro® frontplates have horizontal mounted screws to give a uniform, aesthetic look throughout the range.

No Yoke needed on 1 - 4 gang GridPro® frontplates!

Screw modules directly onto the back of 1-4 gang GridPro® frontplates*.

*excluding the screwless Definity™ GridPro® frontplates, which have their own dedicated inserts.

# Antibacterial & Antiviral Certified Products

The antimicrobial symbol is shown on all pages where products are protected by this feature.

Mode®, Polar™ & Part M™ plates have been independently tested and have shown to have anti-viral properties against enveloped and non-enveloped viruses.

After a contact period of 4 hours, Mode®, Polar™ & Part M™ was shown to have a 99.9% kill off rate against enveloped viruses and a 92% kill off rate against non-enveloped viruses.

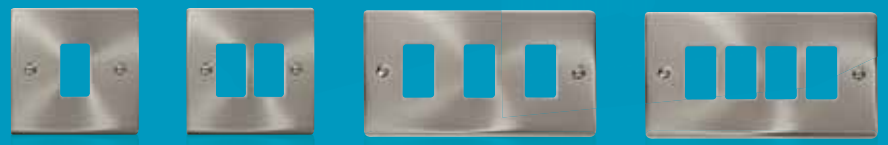
MODE® polar™ Part M Range™

Mode®, Polar™ & Part M™ wiring accessories are manufactured using Urea Formaldehyde, which has similar inherent properties to antimicrobial additives that inhibit the growth of infectious diseases. All products independently tested achieved a 99.99% kill off rate across all four types of the strains of bacteria - MRSA, E-Coli, Salmonella, Klebsiella Pneumonia and enveloped viruses.

# Standard BS4662 Back Boxes

...are all you need.

A unique feature of 1 - 4 gang GridPro® frontplates is that any British Standard BS4662 flush mounted back boxes can be used. This is because our 1 - 4 gang GridPro® frontplates do not require a yoke!*



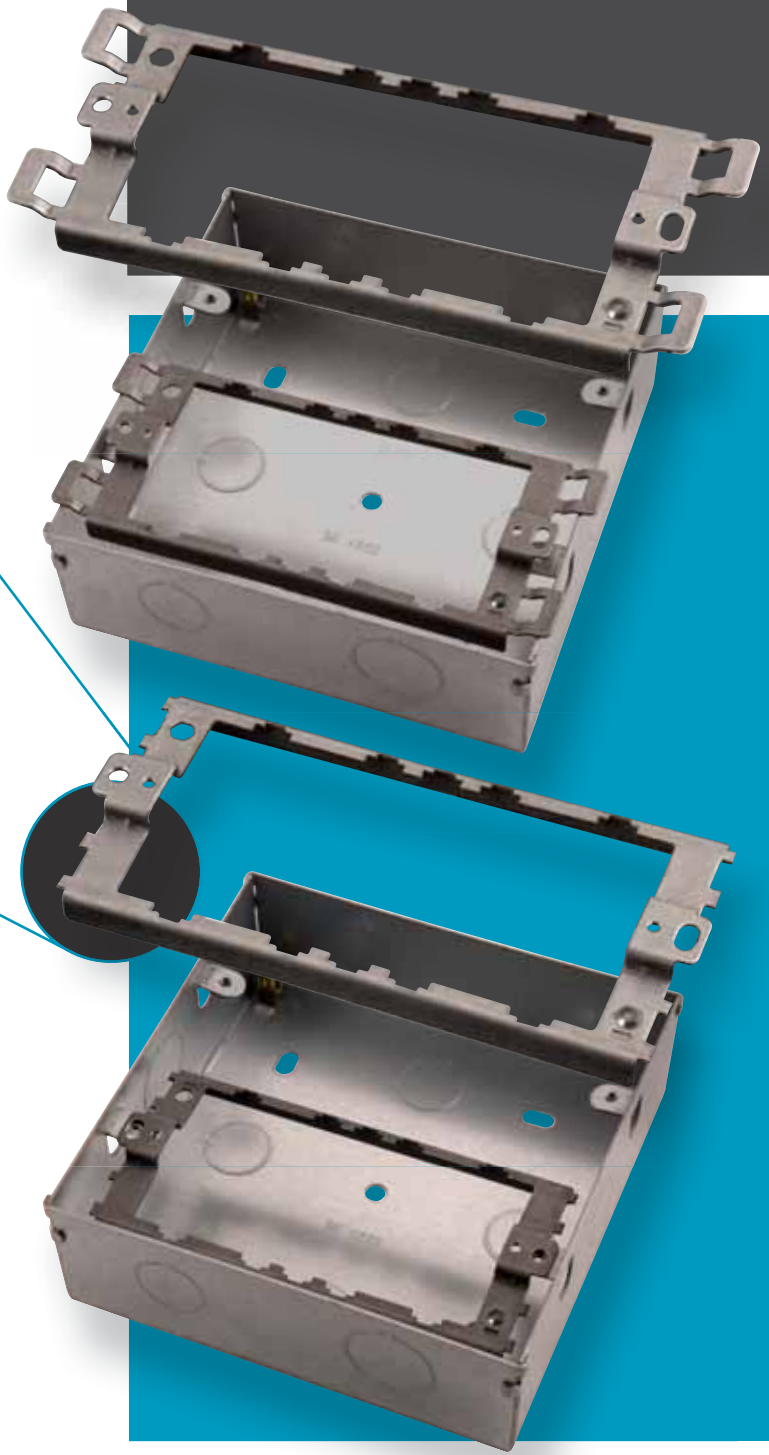
*excluding the screwless Definity™ GridPro® frontplates, which have their own dedicated inserts.

# Universal Yokes

snap off tabs.

**WITH TABS**
FITTING ON
BACK BOX SURFACE

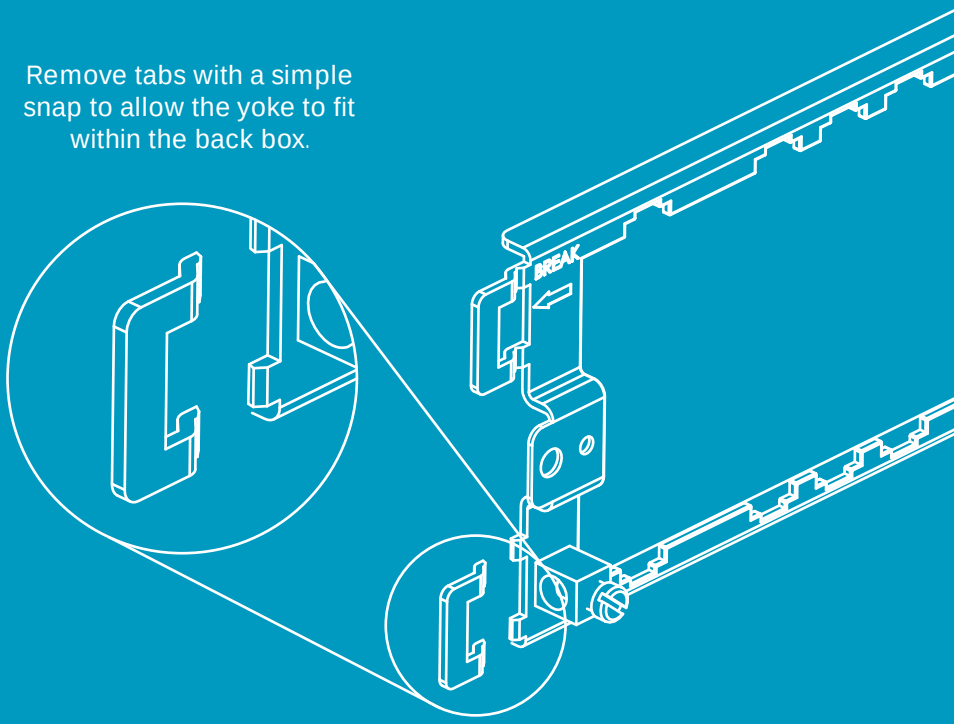
**SNAP TABS**
FITTING INSIDE BACK BOX



Removal of the end tabs allows the GridPro® yoke to be universal, therefore it may be used for any Click® plate styles* including Define® and Metal Clad variants.

*excluding the Definity™ GridPro® frontplates, which have their own dedicated inserts.

Remove tabs with a simple snap to allow the yoke to fit within the back box.

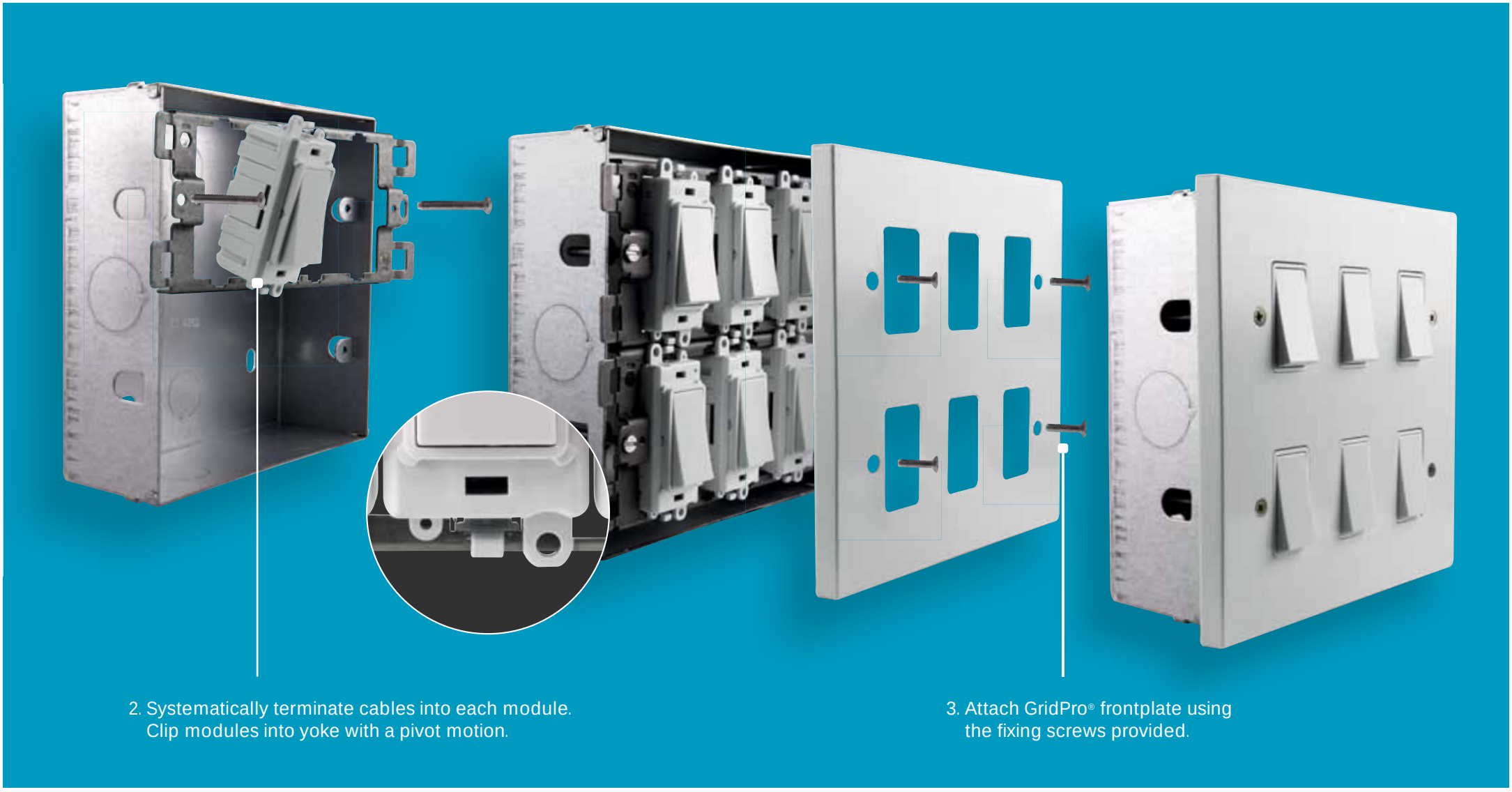


# Clip Feature Assembly

MODE® polar™ deco® deco PLUS®

CLIP-ON MODULES

1. Fit and secure appropriate back box and yoke, (for Define® and Metal Clad remove tabs on yoke). Pull the cable through yoke and strip insulation accordingly. Ensure an earth connection between frame and yoke (if required).



2. Systematically terminate cables into each module. Clip modules into yoke with a pivot motion.

3. Attach GridPro® frontplate using the fixing screws provided.

# Screw Feature Assembly

essentials™ define® Part M Range™ MODE® polar® deco® deco PLUS

NO YOKE

SCREW-IN MODULES

1. Fit and secure appropriate back box, pull cable through frame and strip insulation accordingly.

2. Screw each module into the GridPro® frontplate with the screws provided and systematically terminate cables into each module.

3. Attach the GridPro® frontplate using the fixing screws provided.

# Module Finishes

All GridPro® modules featured in this brochure are available in twelve distinctive, quality finishes, with black or white inserts

Antique brass, black nickel & matt black finishes are available with black inserts only.

Brushed stainless, satin chrome and stainless steel finishes are available with grey inserts

Red switch module options are available (with white inserts only).

The GridPro® module rockers are styled to match the existing range of Click® wiring accessories to complement any existing Click® installation.

A simple code structure signifies the module colour and product finish...

| GM | 2001 | BK | CH |
|---|---|---|---|
| GridPro® Module | Product | Module Colour | Product Finish |

Satin Brass*
(SB)

Polished Brass
(BR)

Polished Chrome
(CH)

Brushed Stainless*
(BS)

Satin Chrome*
(SC)

Stainless Steel
(SS)

Pearl Nickel
(PN)

Black Nickel
(BN)

Antique Brass*
(AB)

Matt Black
(MB)

Black
(BK)

White
(PW)

Red
(RD)

*UK Design Registration 3015621.

GM2001PW

GM2001PWPN

GM2001PWSB

GM2001GYSS

GM2001BK

GM2001BKBR

GM2001BKBS

MODULE BACK

20AX 1 Way Switch Modules

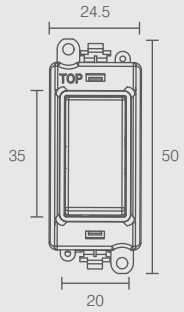
| | |
|---|---|
| GM2001PW | 20AX 1 Way Switch Module - White |
| GM2001BK | 20AX 1 Way Switch Module - Black |
| GM2001PWBR | 20AX 1 Way Switch Module - White - Polished Brass |
| GM2001PWBS | 20AX 1 Way Switch Module - White - Brushed Stainless |
| GM2001PWCH | 20AX 1 Way Switch Module - White - Polished Chrome |
| GM2001PWPN | 20AX 1 Way Switch Module - White - Pearl Nickel |
| GM2001PWSB | 20AX 1 Way Switch Module - White - Satin Brass |
| GM2001PWSC | 20AX 1 Way Switch Module - White - Satin Chrome |
| GM2001PWSS | 20AX 1 Way Switch Module - White - Stainless Steel |
| GM2001BKAB | 20AX 1 Way Switch Module - Black - Antique Brass |
| GM2001BKBN | 20AX 1 Way Switch Module - Black - Black Nickel |
| GM2001BKBR | 20AX 1 Way Switch Module - Black - Polished Brass |
| GM2001BKBS | 20AX 1 Way Switch Module - Black - Brushed Stainless |
| GM2001BKCH | 20AX 1 Way Switch Module - Black - Polished Chrome |
| GM2001BKPN | 20AX 1 Way Switch Module - Black - Pearl Nickel |
| GM2001BKSB | 20AX 1 Way Switch Module - Black - Satin Brass |
| GM2001BKSC | 20AX 1 Way Switch Module - Black - Satin Chrome |
| GM2001BKSS | 20AX 1 Way Switch Module - Black - Stainless Steel |
| GM2001BKMB | 20AX 1 Way Switch Module - Black - Matt Black |
| GM2001GYBS | 20AX 1 Way Switch Module - Grey - Brushed Stainless |
| GM2001GYSC | 20AX 1 Way Switch Module - Grey - Satin Chrome |
| GM2001GYSS | 20AX 1 Way Switch Module - Grey - Stainless Steel |

**Standards:** BS EN 60669-1
**Back Box Depth (mm):** 25 (35 Flat Plate) **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** 24.5 (W) x 50 (H) x 22.5 (D)

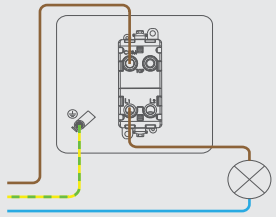




DIMENSIONS (MM)




TYPICAL 1 WAY SWITCHED CIRCUIT



| | |
|---|---|
| Material Composition | Rocker Switch: Urea or Urea + Stainless Steel Cover (Ingot)<br>Cover, Insert & Rear Housing: Nylon<br>Terminals: Brass<br>Terminal Screws: Steel & Yellow Passivated<br>Silver "on-lay" Copper / Brass Contacts |
| Voltage | 250V~ 50Hz |
| Current Rating (A) | 20AX (suitable for inductive loads) |
| Terminal Size | ø 5mm |
| Torque Value | 1.2Nm |
| Cable Size (mm²) | 2 x 4mm², 3 x 2.5mm² or 1 x 6mm² |
| Back Box Depth (mm) | 25mm - 47mm (Deco®, Deco Plus®, Mode®, Polar™) 35mm - 47mm (Define®, Definity™) |
| Modular | Yes |
| Warranty (Years) | 10 Years |
| Antimicrobial Certified | Yes (Non Ingot Switches Only) |
| IP Rating | IP20 |
| Operational Temperature | -5ºC to +40ºC |
| Standards | BS EN 60669-1 |

**Additional Information:**
Ensure that the mains supply is isolated before commencing installation and refer to the circuit diagram supplied with the relevant product.
These products are rated at 20AX; therefore all terminals should not exceed the stated amperage.
Bare earth cables must always be covered with appropriate sleeving and wired to the earth terminal.
All white moulded accessories are manufactured using Urea Formaldehyde, which has similar inherent properties to antimicrobial additives that inhibit the growth of infectious diseases. All products independently tested have shown to have anti-viral properties against enveloped and non-enveloped viruses. A 99.99% kill off rate across all four types of the strains of bacteria - MRSA, E-Coli, Salmonella, Klebsiella Pneumonia and enveloped viruses and a 92% kill off rate against non-enveloped viruses.

GM2002PWCH

GM2002PWBR

GM2002PWRD

GM2002GYBS

GM2002BKBN

GM2002BKAB

GM2002BKSS

MODULE BACK

20AX 2 Way Switch Modules

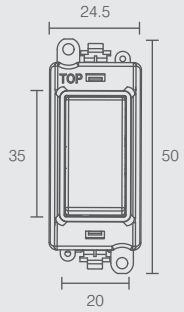
| | |
|---|---|
| GM2002PW | 20AX 2 Way Switch Module - White |
| GM2002BK | 20AX 2 Way Switch Module - Black |
| GM2002PWBR | 20AX 2 Way Switch Module - White - Polished Brass |
| GM2002PWBS | 20AX 2 Way Switch Module - White - Brushed Stainless |
| GM2002PWCH | 20AX 2 Way Switch Module - White - Polished Chrome |
| GM2002PWPN | 20AX 2 Way Switch Module - White - Pearl Nickel |
| GM2002PWSB | 20AX 2 Way Switch Module - White - Satin Brass |
| GM2002PWSC | 20AX 2 Way Switch Module - White - Satin Chrome |
| GM2002PWSS | 20AX 2 Way Switch Module - White - Stainless Steel |
| GM2002PWRD | 20AX 2 Way Switch Module - White - Red |
| GM2002BKAB | 20AX 2 Way Switch Module - Black - Antique Brass |
| GM2002BKBN | 20AX 2 Way Switch Module - Black - Black Nickel |
| GM2002BKBR | 20AX 2 Way Switch Module - Black - Polished Brass |
| GM2002BKBS | 20AX 2 Way Switch Module - Black - Brushed Stainless |
| GM2002BKCH | 20AX 2 Way Switch Module - Black - Polished Chrome |
| GM2002BKPN | 20AX 2 Way Switch Module - Black - Pearl Nickel |
| GM2002BKSB | 20AX 2 Way Switch Module - Black - Satin Brass |
| GM2002BKSC | 20AX 2 Way Switch Module - Black - Satin Chrome |
| GM2002BKSS | 20AX 2 Way Switch Module - Black - Stainless Steel |
| GM2002BKMB | 20AX 2 Way Switch Module - Black - Matt Black |
| GM2002GYBS | 20AX 2 Way Switch Module - Grey - Brushed Stainless |
| GM2002GYSC | 20AX 2 Way Switch Module - Grey - Satin Chrome |
| GM2002GYSS | 20AX 2 Way Switch Module - Grey - Stainless Steel |

**Standards:** BS EN 60669-1
**Back Box Depth (mm):** 25 (35 Flat Plate) **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** 24.5 (W) x 50 (H) x 22.5 (D)

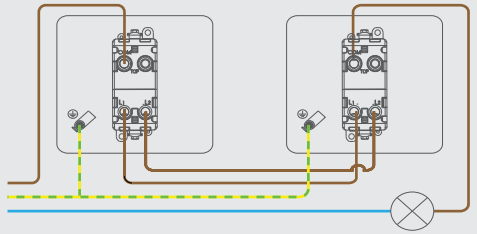




DIMENSIONS (MM)




TYPICAL 2 WAY SWITCHED CIRCUIT



| | |
|---|---|
| Material Composition | Rocker Switch: Urea or Urea + Stainless Steel Cover (Ingot)<br>Cover, Insert & Rear Housing: Nylon<br>Terminals: Brass<br>Terminal Screws: Steel & Yellow Passivated<br>Silver "on-lay" Copper / Brass Contacts |
| Voltage | 250V~ 50Hz |
| Current Rating (A) | 20AX (suitable for inductive loads) |
| Terminal Size | ø 5mm |
| Torque Value | 1.2Nm |
| Cable Size (mm²) | 2 x 4mm², 3 x 2.5mm² or 1 x 6mm² |
| Back Box Depth (mm) | 25mm - 47mm (Deco®, Deco Plus®, Mode®, Polar™) 35mm - 47mm (Define®, Definity™) |
| Modular | Yes |
| Warranty (Years) | 10 Years |
| Antimicrobial Certified | Yes (Non Ingot Switches Only) |
| IP Rating | IP20 |
| Operational Temperature | -5°C to +40°C |
| Standards | BS EN 60669-1 |

**Additional Information:**
Ensure that the mains supply is isolated before commencing installation and refer to the circuit diagram supplied with the relevant product.
These products are rated at 20AX; therefore all terminals should not exceed the stated amperage.
Bare earth cables must always be covered with appropriate sleeving and wired to the earth terminal.
All white moulded accessories are manufactured using Urea Formaldehyde, which has similar inherent properties to antimicrobial additives that inhibit the growth of infectious diseases. All products independently tested have shown to have anti-viral properties against enveloped and non-enveloped viruses. A 99.99% kill off rate across all four types of the strains of bacteria - MRSA, E-Coli, Salmonella, Klebsiella Pneumonia and enveloped viruses and a 92% kill off rate against non-enveloped viruses.

GM2004PW

GM2004PWPN

GM2004PWSB

GM2004GYSS

GM2004BK

GM2004BKCH

GM2004BKSC

MODULE BACK

Retractive switches are not suitable for use with fluorescent loads.

20AX 2 Way Retractive Switch Modules

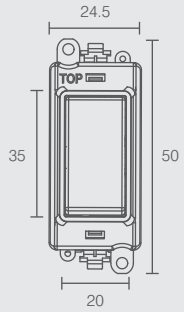
| | |
|---|---|
| GM2004PW | 20AX 2 Way Retractive Switch Module - White |
| GM2004BK | 20AX 2 Way Retractive Switch Module - Black |
| GM2004PWBR | 20AX 2 Way Retractive Switch Module - White - Polished Brass |
| GM2004PWBS | 20AX 2 Way Retractive Switch Module - White - Brushed Stainless |
| GM2004PWCH | 20AX 2 Way Retractive Switch Module - White - Polished Chrome |
| GM2004PWPN | 20AX 2 Way Retractive Switch Module - White - Pearl Nickel |
| GM2004PWSB | 20AX 2 Way Retractive Switch Module - White - Satin Brass |
| GM2004PWSC | 20AX 2 Way Retractive Switch Module - White - Satin Chrome |
| GM2004PWSS | 20AX 2 Way Retractive Switch Module - White - Stainless Steel |
| GM2004PWRD | 20AX 2 Way Retractive Switch Module - White - Red |
| GM2004BKAB | 20AX 2 Way Retractive Switch Module - Black - Antique Brass |
| GM2004BKBN | 20AX 2 Way Retractive Switch Module - Black - Black Nickel |
| GM2004BKBR | 20AX 2 Way Retractive Switch Module - Black - Polished Brass |
| GM2004BKBS | 20AX 2 Way Retractive Switch Module - Black - Brushed Stainless |
| GM2004BKCH | 20AX 2 Way Retractive Switch Module - Black - Polished Chrome |
| GM2004BKPN | 20AX 2 Way Retractive Switch Module - Black - Pearl Nickel |
| GM2004BKSB | 20AX 2 Way Retractive Switch Module - Black - Satin Brass |
| GM2004BKSC | 20AX 2 Way Retractive Switch Module - Black - Satin Chrome |
| GM2004BKSS | 20AX 2 Way Retractive Switch Module - Black - Stainless Steel |
| GM2004BKMB | 20AX 2 Way Retractive Switch Module - Black - Matt Black |
| GM2004GYBS | 20AX 2 Way Retractive Switch Module - Grey - Brushed Stainless |
| GM2004GYSC | 20AX 2 Way Retractive Switch Module - Grey - Satin Chrome |
| GM2004GYSS | 20AX 2 Way Retractive Switch Module - Grey - Stainless Steel |

**Standards:** BS EN 60669-1
**Back Box Depth (mm):** 25 (35 Flat Plate) **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** 24.5 (W) x 50 (H) x 22.5 (D)

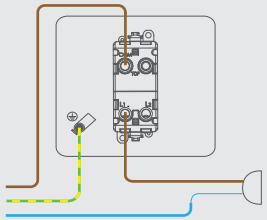




DIMENSIONS (MM)




TYPICAL 2 WAY RETRACTIVE SWITCH CIRCUIT



| | |
|---|---|
| Material Composition | Rocker Switch: Urea or Urea + Stainless Steel Cover (Ingot)<br>Cover, Insert & Rear Housing: Nylon<br>Terminals: Brass<br>Terminal Screws: Steel & Yellow Passivated<br>Silver "on-lay" Copper / Brass Contacts |
| Voltage | 250V~ 50Hz |
| Current Rating (A) | 20AX |
| Terminal Size | ø 5mm |
| Torque Value | 1.2Nm |
| Cable Size (mm²) | 2 x 4mm², 3 x 2.5mm² or 1 x 6mm² |
| Back Box Depth (mm) | 25mm - 47mm (Deco®, Deco Plus®, Mode®, Polar™) 35mm - 47mm (Define®, Definity™) |
| Modular | Yes |
| Warranty (Years) | 10 Years |
| Antimicrobial Certified | Yes (Non Ingot Switches Only) |
| IP Rating | IP20 |
| Operational Temperature | -5ºC to +40ºC |
| Standards | BS EN 60669-1 |

**Additional Information:**
Ensure that the mains supply is isolated before commencing installation and refer to the circuit diagram supplied with the relevant product.
These products are rated at 20AX; therefore all terminals should not exceed the stated amperage.
Bare earth cables must always be covered with appropriate sleeving and wired to the earth terminal.
All white moulded accessories are manufactured using Urea Formaldehyde, which has similar inherent properties to antimicrobial additives that inhibit the growth of infectious diseases. All products independently tested have shown to have anti-viral properties against enveloped and non-enveloped viruses. A 99.99% kill off rate across all four types of the strains of bacteria - MRSA, E-Coli, Salmonella, Klebsiella Pneumonia and enveloped viruses and a 92% kill off rate against non-enveloped viruses.

GM2028PWCH

GM2028PWBR

GM2028PWSC

GM2028GYBS

GM2028BKBN

GM2028BKPN

GM2028BKSB

MODULE BACK

20AX Intermediate Switch Modules

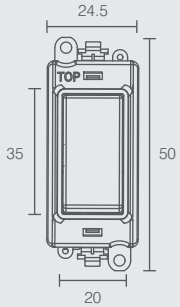
| | |
|---|---|
| GM2028PW | 20AX Intermediate Switch Module - White |
| GM2028BK | 20AX Intermediate Switch Module - Black |
| GM2028PWBR | 20AX Intermediate Switch Module - White - Polished Brass |
| GM2028PWBS | 20AX Intermediate Switch Module - White - Brushed Stainless |
| GM2028PWCH | 20AX Intermediate Switch Module - White - Polished Chrome |
| GM2028PWPN | 20AX Intermediate Switch Module - White - Pearl Nickel |
| GM2028PWSB | 20AX Intermediate Switch Module - White - Satin Brass |
| GM2028PWSC | 20AX Intermediate Switch Module - White - Satin Chrome |
| GM2028PWSS | 20AX Intermediate Switch Module - White - Stainless Steel |
| GM2028PWRD | 20AX Intermediate Switch Module - White - Red |
| GM2028BKAB | 20AX Intermediate Switch Module - Black - Antique Brass |
| GM2028BKBN | 20AX Intermediate Switch Module - Black - Black Nickel |
| GM2028BKBR | 20AX Intermediate Switch Module - Black - Polished Brass |
| GM2028BKBS | 20AX Intermediate Switch Module - Black - Brushed Stainless |
| GM2028BKCH | 20AX Intermediate Switch Module - Black - Polished Chrome |
| GM2028BKPN | 20AX Intermediate Switch Module - Black - Pearl Nickel |
| GM2028BKSB | 20AX Intermediate Switch Module - Black - Satin Brass |
| GM2028BKSC | 20AX Intermediate Switch Module - Black - Satin Chrome |
| GM2028BKSS | 20AX Intermediate Switch Module - Black - Stainless Steel |
| GM2028BKMB | 20AX Intermediate Switch Module - Black - Matt Black |
| GM2028GYBS | 20AX Intermediate Switch Module - Grey - Brushed Stainless |
| GM2028GYSC | 20AX Intermediate Switch Module - Grey - Satin Chrome |
| GM2028GYSS | 20AX Intermediate Switch Module - Grey - Stainless Steel |

**Standards:** BS EN 60669-1
**Back Box Depth (mm):** 25 (35 Flat Plate) **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** 24.5 (W) x 50 (H) x 22.5 (D)

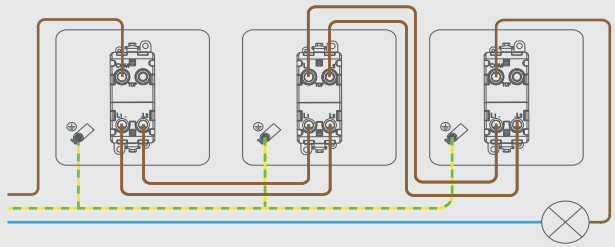




DIMENSIONS (MM)




TYPICAL INTERMEDIATE SWITCHED CIRCUIT



| | |
|---|---|
| Material Composition | Rocker Switch: Urea or Urea + Stainless Steel Cover (Ingot)<br>Cover, Insert & Rear Housing: Nylon<br>Terminals: Brass<br>Terminal Screws: Steel & Yellow Passivated<br>Silver "on-lay" Copper / Brass Contacts |
| Voltage | 250V~ 50Hz |
| Current Rating (A) | 20AX (suitable for inductive loads) |
| Terminal Size | ø 5mm |
| Torque Value | 1.2Nm |
| Cable Size (mm²) | 2 x 4mm², 3 x 2.5mm² or 1 x 6mm² |
| Back Box Depth (mm) | 25mm - 47mm (Deco®, Deco Plus®, Mode®, Polar™) 35mm - 47mm (Define®, Definity™) |
| Modular | Yes |
| Warranty (Years) | 10 Years |
| Antimicrobial Certified | Yes (Non Ingot Switches Only) |
| IP Rating | IP20 |
| Operational Temperature | -5ºC to +40ºC |
| Standards | BS EN 60669-1 |

**Additional Information:**
Ensure that the mains supply is isolated before commencing installation and refer to the circuit diagram supplied with the relevant product.
These products are rated at 20AX; therefore all terminals should not exceed the stated amperage.
Bare earth cables must always be covered with appropriate sleeving and wired to the earth terminal.
All white moulded accessories are manufactured using Urea Formaldehyde, which has similar inherent properties to antimicrobial additives that inhibit the growth of infectious diseases. All products were independently tested and achieved a 99.9% kill rate across all four types of the strains of bacteria - MRSA, E-Coli, Salmonella, and Klebsiella Pneumoniae.

GM2018PW-CH

GM2018PWS-TD

GM2018BK-BL

MODULE BACK

IN HOUSE LASER ETCHING
Our in house laser printer provides flexibility to suit large volume batch or custom jobs.
The precision, permanent, fine marking effect is customisable, offering you and your customers a wider variety of options.

The GM2018 modules listed are available with the following laser etched legends:

| | |
|---|---|
| -BL | Boiler |
| -CH | Cooker Hood |
| -DW | Dishwasher |
| -FD | Fridge |
| -FF | Fridge Freezer |
| -FN | Fan |
| -FZ | Freezer |
| -HB | Hob |
| -HT | Hot Tap |
| -MW | Microwave |
| -OV | Oven |
| -TD | Tumble Dryer |
| -WC | Wine Cooler |
| -WD | Waste Disposal |
| -WDR | Warming Drawer |
| -WH | Water Heater |
| -WM | Washing Machine |

Suffix the two letters to complete the product code with legend eg. GM2018PWCH-WM

20AX Double Pole Switch Modules - Laser Etched Legend

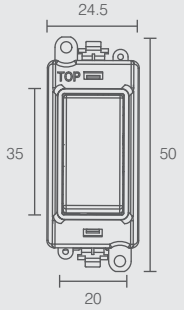
| | |
|---|---|
| GM2018PW | 20AX Double Pole Switch Module - White |
| GM2018BK | 20AX Double Pole Switch Module - Black |
| GM2018PWBR | 20AX Double Pole Switch Module - White - Polished Brass |
| GM2018PWBS | 20AX Double Pole Switch Module - White - Brushed Stainless |
| GM2018PWCH | 20AX Double Pole Switch Module - White - Polished Chrome |
| GM2018PWPN | 20AX Double Pole Switch Module - White - Pearl Nickel |
| GM2018PWSB | 20AX Double Pole Switch Module - White - Satin Brass |
| GM2018PWSC | 20AX Double Pole Switch Module - White - Satin Chrome |
| GM2018PWSS | 20AX Double Pole Switch Module - White - Stainless Steel |
| GM2018PWRD | 20AX Double Pole Switch Module - White - Red |
| GM2018BKAB | 20AX Double Pole Switch Module - Black - Antique Brass |
| GM2018BKBN | 20AX Double Pole Switch Module - Black - Black Nickel |
| GM2018BKBR | 20AX Double Pole Switch Module - Black - Polished Brass |
| GM2018BKBS | 20AX Double Pole Switch Module - Black - Brushed Stainless |
| GM2018BKCH | 20AX Double Pole Switch Module - Black - Polished Chrome |
| GM2018BKPN | 20AX Double Pole Switch Module - Black - Pearl Nickel |
| GM2018BKSB | 20AX Double Pole Switch Module - Black - Satin Brass |
| GM2018BKSC | 20AX Double Pole Switch Module - Black - Satin Chrome |
| GM2018BKSS | 20AX Double Pole Switch Module - Black - Stainless Steel |
| GM2018BKMB | 20AX Double Pole Switch Module - Black - Matt Black |
| GM2018GYBS | 20AX Double Pole Switch Module - Grey - Brushed Stainless |
| GM2018GYSC | 20AX Double Pole Switch Module - Grey - Satin Chrome |
| GM2018GYSS | 20AX Double Pole Switch Module - Grey - Stainless Steel |

**Standards:** BS EN 60669-1
**Back Box Depth (mm):** 25 (35 Flat Plate) **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** 24.5 (W) x 50 (H) x 22.5 (D)

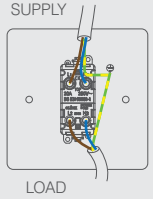




DIMENSIONS (MM)




TYPICAL WIRING DIAGRAM




| | |
|---|---|
| Material Composition | Rocker Switch: Urea or Urea + Stainless Steel Cover (Ingot)<br>Cover, Insert & Rear Housing: Nylon<br>Terminals: Brass, Terminal Screws: Steel & Yellow Passivated<br>Silver "on-lay" Copper / Brass Contacts |
| Voltage | 250V~ 50Hz |
| Current Rating (A) | 20AX |
| Terminal Size | ø 5mm |
| Torque Value | 1.2Nm |
| Cable Size (mm²) | 2 x 4mm², 3 x 2.5mm² or 1 x 6mm² |
| Back Box Depth (mm) | 25mm - 47mm (Deco®, Deco Plus®, Mode®, Polar™) 35mm - 47mm (Define®, Definity™) |
| Double Pole | Yes |
| Modular | Yes |
| Warranty (Years) | 10 Years |
| Antimicrobial Certified | Yes (Non Ingot Switches Only) |
| IP Rating | IP20 |
| Operational Temperature | -5ºC to +40ºC |
| Standards | BS EN 60669-1 |

**Additional Information:**
Ensure that the mains supply is isolated before commencing installation and refer to the circuit diagram supplied with the relevant product.
These products are rated at 20AX; therefore all terminals should not exceed the stated amperage.
Bare earth cables must always be covered with appropriate sleeving and wired to the earth terminal.
All white moulded accessories are manufactured using Urea Formaldehyde, which has similar inherent properties to antimicrobial additives that inhibit the growth of infectious diseases. All products independently tested have shown to have anti-viral properties against enveloped and non-enveloped viruses. A 99.99% kill off rate across all four types of the strains of bacteria - MRSA, E-Coli, Salmonella, Klebsiella Pneumonia and enveloped viruses and a 92% kill off rate against non-enveloped viruses.

GM2018NPWSC-DW

GM2018NPWSB-WM

GM2018NBKAB-OV

MODULE BACK

IN HOUSE LASER ETCHING
Our in house laser printer provides flexibility to suit large volume batch or custom jobs. The precision, permanent, fine marking effect is customisable, offering you and your customers a wider variety of options.

The GM2018N modules listed are available with the following laser etched legends:

| | |
|---|---|
| -BL | Boiler |
| -CH | Cooker Hood |
| -DW | Dishwasher |
| -FD | Fridge |
| -FF | Fridge Freezer |
| -FN | Fan |
| -FZ | Freezer |
| -HB | Hob |
| -HT | Hot Tap |
| -MW | Microwave |
| -OV | Oven |
| -TD | Tumble Dryer |
| -WC | Wine Cooler |
| -WD | Waste Disposal |
| -WDR | Warming Drawer |
| -WH | Water Heater |
| -WM | Washing Machine |

Suffix the two letters to complete the product code with legend eg. GM2018NPWCH-WM

20AX Double Pole Switch Modules with Neon

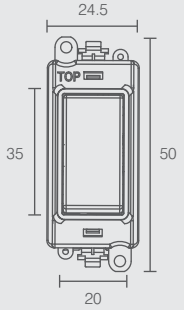
| | |
|---|---|
| GM2018NPW | 20AX Double Pole Switch With Neon Module - White |
| GM2018NBK | 20AX Double Pole Switch With Neon Module - Black |
| GM2018NPWBR | 20AX Double Pole Switch With Neon Module - White - Polished Brass |
| GM2018NPWBS | 20AX Double Pole Switch With Neon Module - White - Brushed Stainless |
| GM2018NPWCH | 20AX Double Pole Switch With Neon Module - White - Polished Chrome |
| GM2018NPWPN | 20AX Double Pole Switch With Neon Module - White - Pearl Nickel |
| GM2018NPWSB | 20AX Double Pole Switch With Neon Module - White - Satin Brass |
| GM2018NPWSC | 20AX Double Pole Switch With Neon Module - White - Satin Chrome |
| GM2018NPWSS | 20AX Double Pole Switch With Neon Module - White - Stainless Steel |
| GM2018NBKAB | 20AX Double Pole Switch With Neon Module - Black - Antique Brass |
| GM2018NBKBN | 20AX Double Pole Switch With Neon Module - Black - Black Nickel |
| GM2018NBKBR | 20AX Double Pole Switch With Neon Module - Black - Polished Brass |
| GM2018NBKBS | 20AX Double Pole Switch With Neon Module - Black - Brushed Stainless |
| GM2018NBKCH | 20AX Double Pole Switch With Neon Module - Black - Polished Chrome |
| GM2018NBKPN | 20AX Double Pole Switch With Neon Module - Black - Pearl Nickel |
| GM2018NBKSB | 20AX Double Pole Switch With Neon Module - Black - Satin Brass |
| GM2018NBKSC | 20AX Double Pole Switch With Neon Module - Black - Satin Chrome |
| GM2018NBKSS | 20AX Double Pole Switch With Neon Module - Black - Stainless Steel |
| GM2018NBKMB | 20AX Double Pole Switch With Neon Module - Black - Matt Black |
| GM2018NGYBS | 20AX Double Pole Switch With Neon Module - Grey - Brushed Stainless |
| GM2018NGYSC | 20AX Double Pole Switch With Neon Module - Grey - Satin Chrome |
| GM2018NGYSS | 20AX Double Pole Switch With Neon Module - Grey - Stainless Steel |

**Standards:** BS EN 60669-1
**Back Box Depth (mm):** 25 (35 Flat Plate) **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** 24.5 (W) x 50 (H) x 22.5 (D)

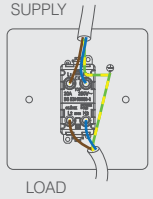




DIMENSIONS (MM)




TYPICAL WIRING DIAGRAM




| | |
|---|---|
| Material Composition | Rocker Switch: Urea or Urea + Stainless Steel Cover (Ingot)<br>Cover, Insert & Rear Housing: Nylon<br>Terminals: Brass, Terminal Screws: Steel & Yellow Passivated<br>Silver "on-lay" Copper / Brass Contacts |
| Voltage | 250V~ 50Hz |
| Current Rating (A) | 20AX |
| Terminal Size | ø 5mm |
| Torque Value | 1.2Nm |
| Cable Size (mm²) | 2 x 4mm², 3 x 2.5mm² or 1 x 6mm² |
| Back Box Depth (mm) | 25mm - 47mm (Deco®, Deco Plus®, Mode®, Polar™) 35mm - 47mm (Define®, Definity™) |
| Double Pole | Yes |
| Modular | Yes |
| Warranty (Years) | 10 Years |
| Antimicrobial Certified | Yes (Non Ingot Switches Only) |
| IP Rating | IP20 |
| Operational Temperature | -5°C to +40°C |
| Standards | BS EN 60669-1 |

**Additional Information:**
Ensure that the mains supply is isolated before commencing installation and refer to the circuit diagram supplied with the relevant product.
These products are rated at 20AX; therefore all terminals should not exceed the stated amperage.
Bare earth cables must always be covered with appropriate sleeving and wired to the earth terminal.
All white moulded accessories are manufactured using Urea Formaldehyde, which has similar inherent properties to antimicrobial additives that inhibit the growth of infectious diseases. All products independently tested have shown to have anti-viral properties against enveloped and non-enveloped viruses. A 99.99% kill off rate across all four types of the strains of bacteria - MRSA, E-Coli, Salmonella, Klebsiella Pneumonia and enveloped viruses and a 92% kill off rate against non-enveloped viruses.

GM2070PWCH

GM2070PWBR

GM2070PWSC

GM2070GYBS

GM2070BKBN

GM2070BKAB

GM2070BKSS

MODULE BACK

20AX 3 Position Switch Modules

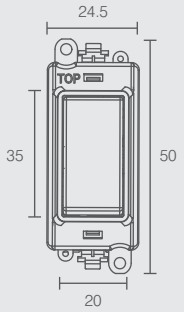
| | |
|---|---|
| GM2070PW | 20AX 3 Position Switch Module - White |
| GM2070BK | 20AX 3 Position Switch Module - Black |
| GM2070PWBR | 20AX 3 Position Switch Module - White - Polished Brass |
| GM2070PWBS | 20AX 3 Position Switch Module - White - Brushed Stainless |
| GM2070PWCH | 20AX 3 Position Switch Module - White - Polished Chrome |
| GM2070PWPN | 20AX 3 Position Switch Module - White - Pearl Nickel |
| GM2070PWSB | 20AX 3 Position Switch Module - White - Satin Brass |
| GM2070PWSC | 20AX 3 Position Switch Module - White - Satin Chrome |
| GM2070PWSS | 20AX 3 Position Switch Module - White - Stainless Steel |
| GM2070BKAB | 20AX 3 Position Switch Module - Black - Antique Brass |
| GM2070BKBN | 20AX 3 Position Switch Module - Black - Black Nickel |
| GM2070BKBR | 20AX 3 Position Switch Module - Black - Polished Brass |
| GM2070BKBS | 20AX 3 Position Switch Module - Black - Brushed Stainless |
| GM2070BKCH | 20AX 3 Position Switch Module - Black - Polished Chrome |
| GM2070BKPN | 20AX 3 Position Switch Module - Black - Pearl Nickel |
| GM2070BKSB | 20AX 3 Position Switch Module - Black - Satin Brass |
| GM2070BKSC | 20AX 3 Position Switch Module - Black - Satin Chrome |
| GM2070BKSS | 20AX 3 Position Switch Module - Black - Stainless Steel |
| GM2070BKMB | 20AX 3 Position Switch Module - Black - Matt Black |
| GM2070GYBS | 20AX 3 Position Switch Module - Grey - Brushed Stainless |
| GM2070GYSC | 20AX 3 Position Switch Module - Grey - Satin Chrome |
| GM2070GYSS | 20AX 3 Position Switch Module - Grey - Stainless Steel |

**Standards:** BS EN 60669-1
**Back Box Depth (mm):** 25 (35 Flat Plate) **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** 24.5 (W) x 50 (H) x 26 (D)

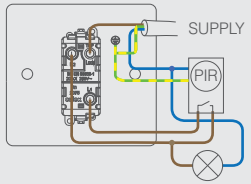




DIMENSIONS (MM)




TYPICAL 3 POSITION SWITCHED CIRCUIT




| | |
|---|---|
| Material Composition | Rocker Switch: Urea or Urea + Stainless Steel Cover (Ingot)<br>Cover, Insert & Rear Housing: Nylon<br>Terminals: Brass<br>Terminal Screws: Steel & Yellow Passivated<br>Silver "on-lay" Copper / Brass Contacts |
| Voltage | 250V~ 50Hz |
| Current Rating (A) | 20AX (suitable for inductive loads) |
| Terminal Size | ø 5mm |
| Torque Value | 1.2Nm |
| Cable Size (mm²) | 2 x 4mm², 3 x 2.5mm² or 1 x 6mm² |
| Back Box Depth (mm) | 25mm - 47mm (Deco®, Deco Plus®, Mode®, Polar™) 35mm - 47mm (Define®, Definity™) |
| Modular | Yes |
| Warranty (Years) | 10 Years |
| Antimicrobial Certified | Yes (Non Ingot Switches Only) |
| IP Rating | IP20 |
| Operational Temperature | -5°C to +40°C |
| Standards | BS EN 60669-1 |

**Additional Information:**
Ensure that the mains supply is isolated before commencing installation and refer to the circuit diagram supplied with the relevant product.
These products are rated at 20AX; therefore all terminals should not exceed the stated amperage.
Bare earth cables must always be covered with appropriate sleeving and wired to the earth terminal.
All white moulded accessories are manufactured using Urea Formaldehyde, which has similar inherent properties to antimicrobial additives that inhibit the growth of infectious diseases. All products were independently tested and achieved a 99.9% kill rate across all four types of the strains of bacteria - MRSA, E-Coli, Salmonella, and Klebsiella Pneumoniae.

GM2075PW

GM2075PWPN

GM2075PWSB

GM2075GYSS

GM2075BK

GM2075BKCH

GM2075BKSC

MODULE BACK

Retractive switches are not suitable for use with fluorescent loads.

20AX 3 Position Retractive Switch Modules

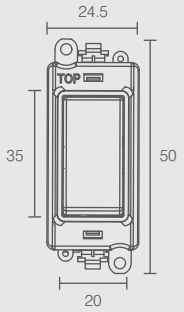
| | |
|---|---|
| GM2075PW | 20AX 3 Position Retractive Switch Module - White |
| GM2075BK | 20AX 3 Position Retractive Switch Module - Black |
| GM2075PWBR | 20AX 3 Position Retractive Switch Module - White - Polished Brass |
| GM2075PWBS | 20AX 3 Position Retractive Switch Module - White - Brushed Stainless |
| GM2075PWCH | 20AX 3 Position Retractive Switch Module - White - Polished Chrome |
| GM2075PWPN | 20AX 3 Position Retractive Switch Module - White - Pearl Nickel |
| GM2075PWSB | 20AX 3 Position Retractive Switch Module - White - Satin Brass |
| GM2075PWSC | 20AX 3 Position Retractive Switch Module - White - Satin Chrome |
| GM2075PWSS | 20AX 3 Position Retractive Switch Module - White - Stainless Steel |
| GM2075PWRD | 20AX 3 Position Retractive Switch Module - White - Red |
| GM2075BKAB | 20AX 3 Position Retractive Switch Module - Black - Antique Brass |
| GM2075BKBN | 20AX 3 Position Retractive Switch Module - Black - Black Nickel |
| GM2075BKBR | 20AX 3 Position Retractive Switch Module - Black - Polished Brass |
| GM2075BKBS | 20AX 3 Position Retractive Switch Module - Black - Brushed Stainless |
| GM2075BKCH | 20AX 3 Position Retractive Switch Module - Black - Polished Chrome |
| GM2075BKPN | 20AX 3 Position Retractive Switch Module - Black - Pearl Nickel |
| GM2075BKSB | 20AX 3 Position Retractive Switch Module - Black - Satin Brass |
| GM2075BKSC | 20AX 3 Position Retractive Switch Module - Black - Satin Chrome |
| GM2075BKSS | 20AX 3 Position Retractive Switch Module - Black - Stainless Steel |
| GM2075BKMB | 20AX 3 Position Retractive Switch Module - Black - Matt Black |
| GM2075GYBS | 20AX 3 Position Retractive Switch Module - Grey - Brushed Stainless |
| GM2075GYSC | 20AX 3 Position Retractive Switch Module - Grey - Satin Chrome |
| GM2075GYSS | 20AX 3 Position Retractive Switch Module - Grey - Stainless Steel |

**Standards:** BS EN 60669-1
**Back Box Depth (mm):** 25 (35 Flat Plate) **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** 24.5 (W) x 50 (H) x 26 (D)

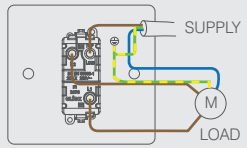




DIMENSIONS (MM)




TYPICAL WIRING DIAGRAM




| | |
|---|---|
| Material Composition | Rocker Switch: Urea or Urea + Stainless Steel Cover (Ingot)<br>Cover, Insert & Rear Housing: Nylon<br>Terminals: Brass<br>Terminal Screws: Steel & Yellow Passivated<br>Silver "on-lay" Copper / Brass Contacts |
| Voltage | 250V~ 50Hz |
| Current Rating (A) | 20AX |
| Terminal Size | ø 5mm |
| Torque Value | 1.2Nm |
| Cable Size (mm²) | 2 x 4mm², 3 x 2.5mm² or 1 x 6mm² |
| Back Box Depth (mm) | 25mm - 47mm (Deco®, Deco Plus®, Mode®, Polar™) 35mm - 47mm (Define®, Definity™) |
| Modular | Yes |
| Warranty (Years) | 10 Years |
| Antimicrobial Certified | Yes (Non Ingot Switches Only) |
| IP Rating | IP20 |
| Operational Temperature | -5ºC to +40ºC |
| Standards | BS EN 60669-1 |

**Additional Information:**
Ensure that the mains supply is isolated before commencing installation and refer to the circuit diagram supplied with the relevant product.
These products are rated at 20AX; therefore all terminals should not exceed the stated amperage.
Bare earth cables must always be covered with appropriate sleeving and wired to the earth terminal.
All white moulded accessories are manufactured using Urea Formaldehyde, which has similar inherent properties to antimicrobial additives that inhibit the growth of infectious diseases. All products were independently tested and achieved a 99.9% kill rate across all four types of the strains of bacteria - MRSA, E-Coli, Salmonella, and Klebsiella Pneumoniae.

GM209002PWBR

GM209002PWCH

GM209002PWPN

GM209002GYSC

GM209002BK

GM209002BKAB

GM209002BKBS

MODULE BACK

20AX 2 Way Toggle Switch Modules

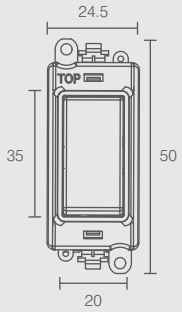
| | |
|---|---|
| GM209002PWBR | 20AX 2 Way Toggle Switch Module - White - Polished Brass |
| GM209002PWBS | 20AX 2 Way Toggle Switch Module - White - Brushed Stainless |
| GM209002PWCH | 20AX 2 Way Toggle Switch Module - White - Polished Chrome |
| GM209002PWPN | 20AX 2 Way Toggle Switch Module - White - Pearl Nickel |
| GM209002PWSB | 20AX 2 Way Toggle Switch Module - White - Satin Brass |
| GM209002PWSC | 20AX 2 Way Toggle Switch Module - White - Satin Chrome |
| GM209002PWSS | 20AX 2 Way Toggle Switch Module - White - Stainless Steel |
| GM209002BK | 20AX 2 Way Toggle Switch Module - Black |
| GM209002BKAB | 20AX 2 Way Toggle Switch Module - Black - Antique Brass |
| GM209002BKBN | 20AX 2 Way Toggle Switch Module - Black - Black Nickel |
| GM209002BKBR | 20AX 2 Way Toggle Switch Module - Black - Polished Brass |
| GM209002BKBS | 20AX 2 Way Toggle Switch Module - Black - Brushed Stainless |
| GM209002BKCH | 20AX 2 Way Toggle Switch Module - Black - Polished Chrome |
| GM209002BKPN | 20AX 2 Way Toggle Switch Module - Black - Pearl Nickel |
| GM209002BKSB | 20AX 2 Way Toggle Switch Module - Black - Satin Brass |
| GM209002BKSC | 20AX 2 Way Toggle Switch Module - Black - Satin Chrome |
| GM209002BKSS | 20AX 2 Way Toggle Switch Module - Black - Stainless Steel |
| GM209002BKMB | 20AX 2 Way Toggle Switch Module - Black - Matt Black |
| GM209002GYBS | 20AX 2 Way Toggle Switch Module - Grey - Brushed Stainless |
| GM209002GYSC | 20AX 2 Way Toggle Switch Module - Grey - Satin Chrome |
| GM209002GYSS | 20AX 2 Way Toggle Switch Module - Grey - Stainless Steel |

**Standards:** BS EN 60669-1
**Back Box Depth (mm):** 25 (35 Flat Plate) **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** 24.5 (W) x 50 (H) x 19.5 (D)

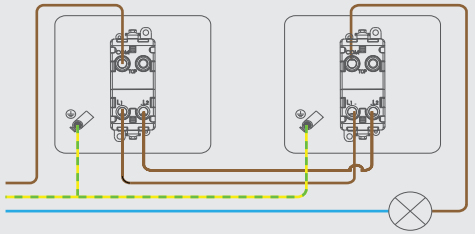




DIMENSIONS (MM)




TYPICAL 2 WAY SWITCHED CIRCUIT



| | |
|---|---|
| Material Composition | Rocker Switch: Plated Cast Copper<br>Cover, Insert & Rear Housing: Nylon<br>Terminals: Brass<br>Terminal Screws: Steel & Yellow Passivated<br>Silver "on-lay" Copper / Brass Contacts |
| Voltage | 250V~ 50Hz |
| Current Rating (A) | 20AX (suitable for inductive loads) |
| Terminal Size | ø 5mm |
| Torque Value | 1.2Nm |
| Cable Size (mm²) | 2 x 4mm², 3 x 2.5mm² or 1 x 6mm² |
| Back Box Depth (mm) | 25mm - 47mm (Deco®, Deco Plus®, Mode®, Polar™) 35mm - 47mm (Define®, Definity™) |
| Modular | Yes |
| Warranty (Years) | 10 Years |
| Antimicrobial Certified | No |
| IP Rating | IP20 |
| Operational Temperature | -5ºC to +40ºC |
| Standards | BS EN 60669-1 |

**Additional Information:**
Ensure that the mains supply is isolated before commencing installation and refer to the circuit diagram supplied with the relevant product.
These products are rated at 20AX; therefore all terminals should not exceed the stated amperage.
Bare earth cables must always be covered with appropriate sleeving and wired to the earth terminal.
All white moulded accessories are manufactured using Urea Formaldehyde, which has similar inherent properties to antimicrobial additives that inhibit the growth of infectious diseases. All products were independently tested and achieved a 99.9% kill rate across all four types of the strains of bacteria - MRSA, E-Coli, Salmonella, and Klebsiella Pneumoniae.

GM209018PWBS

GM209018PWCH

GM209018PWSB

GM209018PWSS

GM209018BKBN

GM209018BKBS

GM209018BKPN

MODULE BACK

20AX Double Pole Toggle Switch Modules

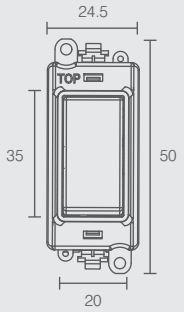
| | |
|---|---|
| GM209018PWBR | 20AX Double Pole Toggle Switch Module - White - Polished Brass |
| GM209018PWBS | 20AX Double Pole Toggle Switch Module - White - Brushed Stainless |
| GM209018PWCH | 20AX Double Pole Toggle Switch Module - White - Polished Chrome |
| GM209018PWPN | 20AX Double Pole Toggle Switch Module - White - Pearl Nickel |
| GM209018PWSB | 20AX Double Pole Toggle Switch Module - White - Satin Brass |
| GM209018PWSC | 20AX Double Pole Toggle Switch Module - White - Satin Chrome |
| GM209018PWSS | 20AX Double Pole Toggle Switch Module - White - Stainless Steel |
| GM209018BK | 20AX Double Pole Toggle Switch Module - Black |
| GM209018BKAB | 20AX Double Pole Toggle Switch Module - Black - Antique Brass |
| GM209018BKBN | 20AX Double Pole Toggle Switch Module - Black - Black Nickel |
| GM209018BKBR | 20AX Double Pole Toggle Switch Module - Black - Polished Brass |
| GM209018BKBS | 20AX Double Pole Toggle Switch Module - Black - Brushed Stainless |
| GM209018BKCH | 20AX Double Pole Toggle Switch Module - Black - Polished Chrome |
| GM209018BKPN | 20AX Double Pole Toggle Switch Module - Black - Pearl Nickel |
| GM209018BKSB | 20AX Double Pole Toggle Switch Module - Black - Satin Brass |
| GM209018BKSC | 20AX Double Pole Toggle Switch Module - Black - Satin Chrome |
| GM209018BKSS | 20AX Double Pole Toggle Switch Module - Black - Stainless Steel |
| GM209018BKMB | 20AX Double Pole Toggle Switch Module - Black - Matt Black |
| GM209018GYBS | 20AX Double Pole Toggle Switch Module - Grey - Brushed Stainless |
| GM209018GYSC | 20AX Double Pole Toggle Switch Module - Grey - Satin Chrome |
| GM209018GYSS | 20AX Double Pole Toggle Switch Module - Grey - Stainless Steel |

**Standards:** BS EN 60669-1
**Back Box Depth (mm):** 25 (35 Flat Plate) **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** 24.5 (W) x 50 (H) x 19.5 (D)

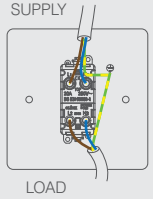




DIMENSIONS (MM)




TYPICAL WIRING DIAGRAM




| | |
|---|---|
| Material Composition | Rocker Switch: Plated Cast Copper<br>Cover, Insert & Rear Housing: Nylon<br>Terminals: Brass<br>Terminal Screws: Steel & Yellow Passivated<br>Silver "on-lay" Copper / Brass Contacts |
| Voltage | 250V~ 50Hz |
| Current Rating (A) | 20AX (suitable for inductive loads) |
| Terminal Size | ø 5mm |
| Torque Value | 1.2Nm |
| Cable Size (mm²) | 2 x 4mm², 3 x 2.5mm² or 1 x 6mm² |
| Back Box Depth (mm) | 25mm - 47mm (Deco®, Deco Plus®, Mode®, Polar™) 35mm - 47mm (Define®, Definity™) |
| Modular | Yes |
| Warranty (Years) | 10 Years |
| Antimicrobial Certified | No |
| IP Rating | IP20 |
| Operational Temperature | -5°C to +40°C |
| Standards | BS EN 60669-1 |

**Additional Information:**
Ensure that the mains supply is isolated before commencing installation and refer to the circuit diagram supplied with the relevant product.
These products are rated at 20AX; therefore all terminals should not exceed the stated amperage.
Bare earth cables must always be covered with appropriate sleeving and wired to the earth terminal.
All white moulded accessories are manufactured using Urea Formaldehyde, which has similar inherent properties to antimicrobial additives that inhibit the growth of infectious diseases. All products were independently tested and achieved a 99.9% kill rate across all four types of the strains of bacteria - MRSA, E-Coli, Salmonella, and Klebsiella Pneumoniae.

209028PWCH

209028PWPN

209028PWSB

209028GYSC

209028BKBR

209028BKCH

209028BKSS

MODULE BACK

20AX Intermediate Toggle Switch Modules

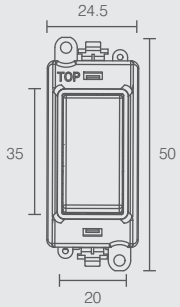
| | |
|---|---|
| GM209028PWBR | 20AX Intermediate Toggle Switch Module - White - Polished Brass |
| GM209028PWBS | 20AX Intermediate Toggle Switch Module - White - Brushed Stainless |
| GM209028PWCH | 20AX Intermediate Toggle Switch Module - White - Polished Chrome |
| GM209028PWPN | 20AX Intermediate Toggle Switch Module - White - Pearl Nickel |
| GM209028PWSB | 20AX Intermediate Toggle Switch Module - White - Satin Brass |
| GM209028PWSC | 20AX Intermediate Toggle Switch Module - White - Satin Chrome |
| GM209028PWSS | 20AX Intermediate Toggle Switch Module - White - Stainless Steel |
| GM209028BK | 20AX Intermediate Toggle Switch Module - Black |
| GM209028BKAB | 20AX Intermediate Toggle Switch Module - Black - Antique Brass |
| GM209028BKBN | 20AX Intermediate Toggle Switch Module - Black - Black Nickel |
| GM209028BKBR | 20AX Intermediate Toggle Switch Module - Black - Polished Brass |
| GM209028BKBS | 20AX Intermediate Toggle Switch Module - Black - Brushed Stainless |
| GM209028BKCH | 20AX Intermediate Toggle Switch Module - Black - Polished Chrome |
| GM209028BKPN | 20AX Intermediate Toggle Switch Module - Black - Pearl Nickel |
| GM209028BKSB | 20AX Intermediate Toggle Switch Module - Black - Satin Brass |
| GM209028BKSC | 20AX Intermediate Toggle Switch Module - Black - Satin Chrome |
| GM209028BKSS | 20AX Intermediate Toggle Switch Module - Black - Stainless Steel |
| GM209028BKMB | 20AX Intermediate Toggle Switch Module - Black - Matt Black |
| GM209028GYBS | 20AX Intermediate Toggle Switch Module - Grey - Brushed Stainless |
| GM209028GYSC | 20AX Intermediate Toggle Switch Module - Grey - Satin Chrome |
| GM209028GYSS | 20AX Intermediate Toggle Switch Module - Grey - Stainless Steel |

**Standards:** BS EN 60669-1
**Back Box Depth (mm):** 25 (35 Flat Plate) **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** 24.5 (W) x 50 (H) x 19.5 (D)

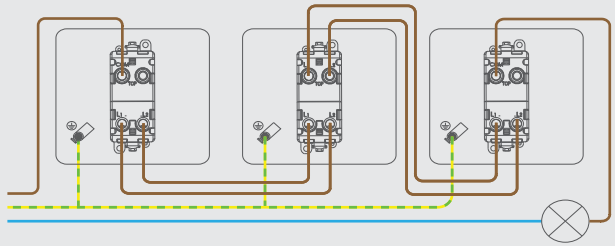




DIMENSIONS (MM)




TYPICAL INTERMEDIATE SWITCHED CIRCUIT



| | |
|---|---|
| Material Composition | Rocker Switch: Plated Cast Copper<br>Cover, Insert & Rear Housing: Nylon<br>Terminals: Brass<br>Terminal Screws: Steel & Yellow Passivated<br>Silver "on-lay" Copper / Brass Contacts |
| Voltage | 250V~ 50Hz |
| Current Rating (A) | 20AX (suitable for inductive loads) |
| Terminal Size | ø 5mm |
| Torque Value | 1.2Nm |
| Cable Size (mm²) | 2 x 4mm², 3 x 2.5mm² or 1 x 6mm² |
| Back Box Depth (mm) | 25mm - 47mm (Deco®, Deco Plus®, Mode®, Polar™) 35mm - 47mm (Define®, Definity™) |
| Modular | Yes |
| Warranty (Years) | 10 Years |
| Antimicrobial Certified | No |
| IP Rating | IP20 |
| Operational Temperature | -5ºC to +40ºC |
| Standards | BS EN 60669-1 |

**Additional Information:**
Ensure that the mains supply is isolated before commencing installation and refer to the circuit diagram supplied with the relevant product.
These products are rated at 20AX; therefore all terminals should not exceed the stated amperage.
Bare earth cables must always be covered with appropriate sleeving and wired to the earth terminal.
All white moulded accessories are manufactured using Urea Formaldehyde, which has similar inherent properties to antimicrobial additives that inhibit the growth of infectious diseases. All products were independently tested and achieved a 99.9% kill rate across all four types of the strains of bacteria - MRSA, E-Coli, Salmonella, and Klebsiella Pneumoniae.

GM2003PW

GM2003PWPN

GM2003PWSB

GM2003GYSS

GM2003BK

GM2003BKMB

GM2003BKBS

MODULE BACK

20AX 2 Way Keyswitch Modules

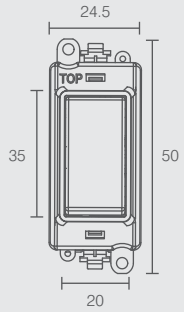
| | |
|---|---|
| GM2003PW | 20AX 2 Way Keyswitch Module - White |
| GM2003BK | 20AX 2 Way Keyswitch Module - Black |
| GM2003PWBR | 20AX 2 Way Keyswitch Module - White - Polished Brass |
| GM2003PWBS | 20AX 2 Way Keyswitch Module - White - Brushed Stainless |
| GM2003PWCH | 20AX 2 Way Keyswitch Module - White - Polished Chrome |
| GM2003PWPN | 20AX 2 Way Keyswitch Module - White - Pearl Nickel |
| GM2003PWSB | 20AX 2 Way Keyswitch Module - White - Satin Brass |
| GM2003PWSC | 20AX 2 Way Keyswitch Module - White - Satin Chrome |
| GM2003PWSS | 20AX 2 Way Keyswitch Module - White - Stainless Steel |
| GM2003BKAB | 20AX 2 Way Keyswitch Module - Black - Antique Brass |
| GM2003BKBN | 20AX 2 Way Keyswitch Module - Black - Black Nickel |
| GM2003BKBR | 20AX 2 Way Keyswitch Module - Black - Polished Brass |
| GM2003BKBS | 20AX 2 Way Keyswitch Module - Black - Brushed Stainless |
| GM2003BKCH | 20AX 2 Way Keyswitch Module - Black - Polished Chrome |
| GM2003BKPN | 20AX 2 Way Keyswitch Module - Black - Pearl Nickel |
| GM2003BKSB | 20AX 2 Way Keyswitch Module - Black - Satin Brass |
| GM2003BKSC | 20AX 2 Way Keyswitch Module - Black - Satin Chrome |
| GM2003BKSS | 20AX 2 Way Keyswitch Module - Black - Stainless Steel |
| GM2003BKMB | 20AX 2 Way Keyswitch Module - Black - Matt Black |
| GM2003GYBS | 20AX 2 Way Keyswitch Module - Grey - Brushed Stainless |
| GM2003GYSC | 20AX 2 Way Keyswitch Module - Grey - Satin Chrome |
| GM2003GYSS | 20AX 2 Way Keyswitch Module - Grey - Stainless Steel |

**Standards:** BS EN 60669-1
**Back Box Depth (mm):** 25 (35 Flat Plate) **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** 24.5 (W) x 50 (H) x 22.5 (D)

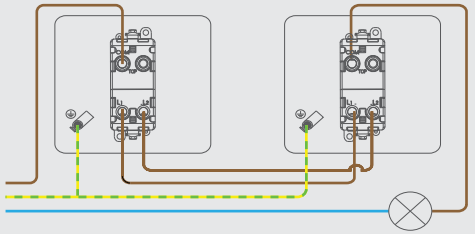




DIMENSIONS (MM)




TYPICAL 2 WAY SWITCHED CIRCUIT



| | |
|---|---|
| Material Composition | Cover: Nylon or Nylon + Stainless Steel Cover (Ingot)<br>Insert & Rear Housing: Nylon<br>Terminals: Brass<br>Terminal Screws: Steel & Yellow Passivated<br>Silver "on-lay" Copper / Brass Contacts |
| Voltage | 250V~ 50Hz |
| Current Rating (A) | 20AX (suitable for inductive loads) |
| Terminal Size | ø 5mm |
| Torque Value | 1.2Nm |
| Cable Size (mm²) | 2 x 4mm², 3 x 2.5mm² or 1 x 6mm² |
| Back Box Depth (mm) | 25mm - 47mm (Deco®, Deco Plus®, Mode®, Polar™) 35mm - 47mm (Define®, Definity™) |
| Modular | Yes |
| Warranty (Years) | 10 Years |
| Antimicrobial Certified | No |
| IP Rating | IP20 |
| Operational Temperature | -5ºC to +40ºC |
| Standards | BS EN 60669-1 |

**Additional Information:**
Ensure that the mains supply is isolated before commencing installation and refer to the circuit diagram supplied with the relevant product.
These products are rated at 20AX; therefore all terminals should not exceed the stated amperage.
Bare earth cables must always be covered with appropriate sleeving and wired to the earth terminal.
All white moulded accessories are manufactured using Urea Formaldehyde, which has similar inherent properties to antimicrobial additives that inhibit the growth of infectious diseases. All products were independently tested and achieved a 99.9% kill rate across all four types of the strains of bacteria - MRSA, E-Coli, Salmonella, and Klebsiella Pneumoniae.

GM2014PW

GM2014PWPN

GM2014PWSB

GM2014GYSS

GM2014BK

GM2014BKCH

GM2014BKSC

MODULE BACK

Retractive switches are not suitable for use with fluorescent loads.

20AX 2 Way Retractive Keyswitch Modules

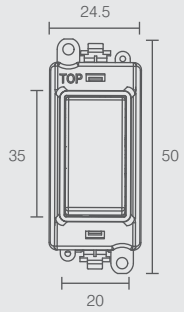
| | |
|---|---|
| GM2014PW | 20AX 2 Way Retractive Keyswitch Module - White |
| GM2014BK | 20AX 2 Way Retractive Keyswitch Module - Black |
| GM2014PWBR | 20AX 2 Way Retractive Keyswitch Module - White - Polished Brass |
| GM2014PWBS | 20AX 2 Way Retractive Keyswitch Module - White - Brushed Stainless |
| GM2014PWCH | 20AX 2 Way Retractive Keyswitch Module - White - Polished Chrome |
| GM2014PWPN | 20AX 2 Way Retractive Keyswitch Module - White - Pearl Nickel |
| GM2014PWSB | 20AX 2 Way Retractive Keyswitch Module - White - Satin Brass |
| GM2014PWSC | 20AX 2 Way Retractive Keyswitch Module - White - Satin Chrome |
| GM2014PWSS | 20AX 2 Way Retractive Keyswitch Module - White - Stainless Steel |
| GM2014BKAB | 20AX 2 Way Retractive Keyswitch Module - Black - Antique Brass |
| GM2014BKBN | 20AX 2 Way Retractive Keyswitch Module - Black - Black Nickel |
| GM2014BKBR | 20AX 2 Way Retractive Keyswitch Module - Black - Polished Brass |
| GM2014BKBS | 20AX 2 Way Retractive Keyswitch Module - Black - Brushed Stainless |
| GM2014BKCH | 20AX 2 Way Retractive Keyswitch Module - Black - Polished Chrome |
| GM2014BKPN | 20AX 2 Way Retractive Keyswitch Module - Black - Pearl Nickel |
| GM2014BKSB | 20AX 2 Way Retractive Keyswitch Module - Black - Satin Brass |
| GM2014BKSC | 20AX 2 Way Retractive Keyswitch Module - Black - Satin Chrome |
| GM2014BKSS | 20AX 2 Way Retractive Keyswitch Module - Black - Stainless Steel |
| GM2014BKMB | 20AX 2 Way Retractive Keyswitch Module - Black - Matt Black |
| GM2014GYBS | 20AX 2 Way Retractive Keyswitch Module - Grey - Brushed Stainless |
| GM2014GYSC | 20AX 2 Way Retractive Keyswitch Module - Grey - Satin Chrome |
| GM2014GYSS | 20AX 2 Way Retractive Keyswitch Module - Grey - Stainless Steel |

**Standards:** BS EN 60669-1
**Back Box Depth (mm):** 25 (35 Flat Plate) **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** 24.5 (W) x 50 (H) x 22.5 (D)

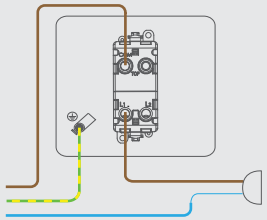




DIMENSIONS (MM)




TYPICAL RETRACTIVE SWITCH CIRCUIT



| | |
|---|---|
| Material Composition | Cover: Nylon or Nylon + Stainless Steel Cover (Ingot)<br>Insert & Rear Housing: Nylon<br>Terminals: Brass<br>Terminal Screws: Steel & Yellow Passivated<br>Silver "on-lay" Copper / Brass Contacts |
| Voltage | 250V~ 50Hz |
| Current Rating (A) | 20AX |
| Terminal Size | ø 5mm |
| Torque Value | 1.2Nm |
| Cable Size (mm²) | 2 x 4mm², 3 x 2.5mm² or 1 x 6mm² |
| Back Box Depth (mm) | 25mm - 47mm (Deco®, Deco Plus®, Mode®, Polar™) 35mm - 47mm (Define®, Definity™) |
| Modular | Yes |
| Warranty (Years) | 10 Years |
| Antimicrobial Certified | No |
| IP Rating | IP20 |
| Operational Temperature | -5ºC to +40ºC |
| Standards | BS EN 60669-1 |

**Additional Information:**
Ensure that the mains supply is isolated before commencing installation and refer to the circuit diagram supplied with the relevant product.
These products are rated at 20AX; therefore all terminals should not exceed the stated amperage.
Bare earth cables must always be covered with appropriate sleeving and wired to the earth terminal.
All white moulded accessories are manufactured using Urea Formaldehyde, which has similar inherent properties to antimicrobial additives that inhibit the growth of infectious diseases. All products were independently tested and achieved a 99.9% kill rate across all four types of the strains of bacteria - MRSA, E-Coli, Salmonella, and Klebsiella Pneumoniae.

GM2029PWCH

GM2029PWBR

GM2029PWSC

GM2029GYBS

GM2029BKBN

GM2029BKAB

GM2029BKSS

MODULE BACK

20AX Intermediate Keyswitch Modules

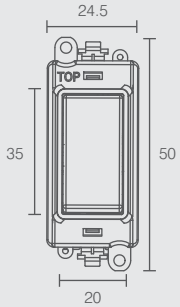
| | |
|---|---|
| GM2029PW | 20AX Intermediate Keyswitch Module - White |
| GM2029BK | 20AX Intermediate Keyswitch Module - Black |
| GM2029PWBR | 20AX Intermediate Keyswitch Module - White - Polished Brass |
| GM2029PWBS | 20AX Intermediate Keyswitch Module - White - Brushed Stainless |
| GM2029PWCH | 20AX Intermediate Keyswitch Module - White - Polished Chrome |
| GM2029PWPN | 20AX Intermediate Keyswitch Module - White - Pearl Nickel |
| GM2029PWSB | 20AX Intermediate Keyswitch Module - White - Satin Brass |
| GM2029PWSC | 20AX Intermediate Keyswitch Module - White - Satin Chrome |
| GM2029PWSS | 20AX Intermediate Keyswitch Module - White - Stainless Steel |
| GM2029BKAB | 20AX Intermediate Keyswitch Module - Black - Antique Brass |
| GM2029BKBN | 20AX Intermediate Keyswitch Module - Black - Black Nickel |
| GM2029BKBR | 20AX Intermediate Keyswitch Module - Black - Polished Brass |
| GM2029BKBS | 20AX Intermediate Keyswitch Module - Black - Brushed Stainless |
| GM2029BKCH | 20AX Intermediate Keyswitch Module - Black - Polished Chrome |
| GM2029BKPN | 20AX Intermediate Keyswitch Module - Black - Pearl Nickel |
| GM2029BKSB | 20AX Intermediate Keyswitch Module - Black - Satin Brass |
| GM2029BKSC | 20AX Intermediate Keyswitch Module - Black - Satin Chrome |
| GM2029BKSS | 20AX Intermediate Keyswitch Module - Black - Stainless Steel |
| GM2029BKMB | 20AX Intermediate Keyswitch Module - Black - Matt Black |
| GM2029GYBS | 20AX Intermediate Keyswitch Module - Grey - Brushed Stainless |
| GM2029GYSC | 20AX Intermediate Keyswitch Module - Grey - Satin Chrome |
| GM2029GYSS | 20AX Intermediate Keyswitch Module - Grey - Stainless Steel |

**Standards:** BS EN 60669-1
**Back Box Depth (mm):** 25 (35 Flat Plate) **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** 24.5 (W) x 50 (H) x 22.5 (D)

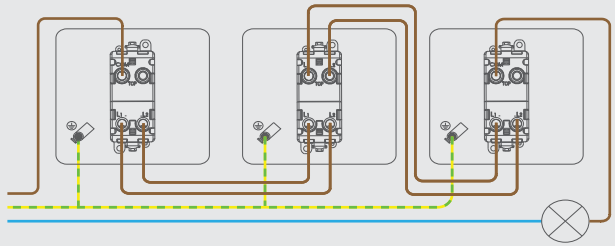




DIMENSIONS (MM)




TYPICAL INTERMEDIATE SWITCHED CIRCUIT



| | |
|---|---|
| Material Composition | Cover: Nylon or Nylon + Stainless Steel Cover (Ingot)<br>Insert & Rear Housing: Nylon<br>Terminals: Brass<br>Terminal Screws: Steel & Yellow Passivated<br>Silver "on-lay" Copper / Brass Contacts |
| Voltage | 250V~ 50Hz |
| Current Rating (A) | 20AX (suitable for inductive loads) |
| Terminal Size | ø 5mm |
| Torque Value | 1.2Nm |
| Cable Size (mm²) | 2 x 4mm², 3 x 2.5mm² or 1 x 6mm² |
| Back Box Depth (mm) | 25mm - 47mm (Deco®, Deco Plus®, Mode®, Polar™) 35mm - 47mm (Define®, Definity™) |
| Modular | Yes |
| Warranty (Years) | 10 Years |
| Antimicrobial Certified | No |
| IP Rating | IP20 |
| Operational Temperature | -5ºC to +40ºC |
| Standards | BS EN 60669-1 |

**Additional Information:**
Ensure that the mains supply is isolated before commencing installation and refer to the circuit diagram supplied with the relevant product.
These products are rated at 20AX; therefore all terminals should not exceed the stated amperage.
Bare earth cables must always be covered with appropriate sleeving and wired to the earth terminal.
All white moulded accessories are manufactured using Urea Formaldehyde, which has similar inherent properties to antimicrobial additives that inhibit the growth of infectious diseases. All products were independently tested and achieved a 99.9% kill rate across all four types of the strains of bacteria - MRSA, E-Coli, Salmonella, and Klebsiella Pneumoniae.

GM2046PWCH

GM2046PWBR

GM2046PWSC

GM2046GYBS

GM2046BKBN

GM2046BKPN

GM2046BKSB

MODULE BACK

20AX Double Pole Keyswitch Modules

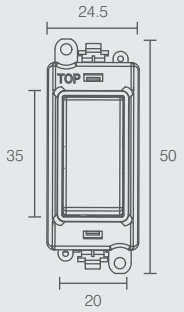
| | |
|---|---|
| GM2046PW | 20AX Double Pole Keyswitch Module - White |
| GM2046BK | 20AX Double Pole Keyswitch Module - Black |
| GM2046PWBR | 20AX Double Pole Keyswitch Module - White - Polished Brass |
| GM2046PWBS | 20AX Double Pole Keyswitch Module - White - Brushed Stainless |
| GM2046PWCH | 20AX Double Pole Keyswitch Module - White - Polished Chrome |
| GM2046PWPN | 20AX Double Pole Keyswitch Module - White - Pearl Nickel |
| GM2046PWSB | 20AX Double Pole Keyswitch Module - White - Satin Brass |
| GM2046PWSC | 20AX Double Pole Keyswitch Module - White - Satin Chrome |
| GM2046PWSS | 20AX Double Pole Keyswitch Module - White - Stainless Steel |
| GM2046BKAB | 20AX Double Pole Keyswitch Module - Black - Antique Brass |
| GM2046BKBN | 20AX Double Pole Keyswitch Module - Black - Black Nickel |
| GM2046BKBR | 20AX Double Pole Keyswitch Module - Black - Polished Brass |
| GM2046BKBS | 20AX Double Pole Keyswitch Module - Black - Brushed Stainless |
| GM2046BKCH | 20AX Double Pole Keyswitch Module - Black - Polished Chrome |
| GM2046BKPN | 20AX Double Pole Keyswitch Module - Black - Pearl Nickel |
| GM2046BKSB | 20AX Double Pole Keyswitch Module - Black - Satin Brass |
| GM2046BKSC | 20AX Double Pole Keyswitch Module - Black - Satin Chrome |
| GM2046BKSS | 20AX Double Pole Keyswitch Module - Black - Stainless Steel |
| GM2046BKMB | 20AX Double Pole Keyswitch Module - Black - Matt Black |
| GM2046GYBS | 20AX Double Pole Keyswitch Module - Grey - Brushed Stainless |
| GM2046GYSC | 20AX Double Pole Keyswitch Module - Grey - Satin Chrome |
| GM2046GYSS | 20AX Double Pole Keyswitch Module - Grey - Stainless Steel |

**Standards:** BS EN 60669-1
**Back Box Depth (mm):** 25 (35 Flat Plate) **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** 24.5 (W) x 50 (H) x 22.5 (D)

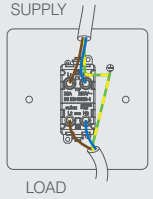




DIMENSIONS (MM)




TYPICAL WIRING DIAGRAM




| | |
|---|---|
| Material Composition | Cover: Nylon or Nylon + Stainless Steel Cover (Ingot)<br>Insert & Rear Housing: Nylon<br>Terminals: Brass, Terminal Screws: Steel & Yellow Passivated<br>Silver "on-lay" Copper / Brass Contacts |
| Voltage | 250V~ 50Hz |
| Current Rating (A) | 20AX |
| Terminal Size | ø 5mm |
| Torque Value | 1.2Nm |
| Cable Size (mm²) | 2 x 4mm², 3 x 2.5mm² or 1 x 6mm² |
| Back Box Depth (mm) | 25mm - 47mm (Deco®, Deco Plus®, Mode®, Polar™) 35mm - 47mm (Define®, Definity™) |
| Double Pole | Yes |
| Modular | Yes |
| Warranty (Years) | 10 Years |
| Antimicrobial Certified | No |
| IP Rating | IP20 |
| Operational Temperature | -5°C to +40°C |
| Standards | BS EN 60669-1 |

**Additional Information:**
Ensure that the mains supply is isolated before commencing installation and refer to the circuit diagram supplied with the relevant product.
These products are rated at 20AX; therefore all terminals should not exceed the stated amperage.
Bare earth cables must always be covered with appropriate sleeving and wired to the earth terminal.
All white moulded accessories are manufactured using Urea Formaldehyde, which has similar inherent properties to antimicrobial additives that inhibit the growth of infectious diseases. All products independently tested have shown to have anti-viral properties against enveloped and non-enveloped viruses. A 99.99% kill off rate across all four types of the strains of bacteria - MRSA, E-Coli, Salmonella, Klebsiella Pneumonia and enveloped viruses and a 92% kill off rate against non-enveloped viruses.

GM2046PW

GM2046PWPN

GM2046PWSB

GM2046GYSS

GM2046BK

GM2046BKCH

GM2046BKSC

MODULE BACK

20AX Double Pole Keyswitch Modules - 'Emergency Test'

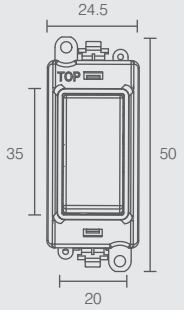
| | |
|---|---|
| GM2046BKET | 20AX Double Pole Keyswitch 'Emergency Test' - Black |
| GM2046PWET | 20AX Double Pole Keyswitch 'Emergency Test' - White |
| GM2046RDET | 20AX Double Pole Keyswitch 'Emergency Test' - Red |
| GM2046PWBRET | 20AX Double Pole Keyswitch 'Emergency Test' - White - Polished Brass |
| GM2046PWBSET | 20AX Double Pole Keyswitch 'Emergency Test' - White - Brushed Stainless |
| GM2046PWCHET | 20AX Double Pole Keyswitch 'Emergency Test' - White - Polished Chrome |
| GM2046PWPNET | 20AX Double Pole Keyswitch 'Emergency Test' - White - Pearl Nickel |
| GM2046PWSBET | 20AX Double Pole Keyswitch 'Emergency Test' - White - Satin Brass |
| GM2046PWSCET | 20AX Double Pole Keyswitch 'Emergency Test' - White - Satin Chrome |
| GM2046PWSSET | 20AX Double Pole Keyswitch 'Emergency Test' - White - Stainless Steel |
| GM2046BKABET | 20AX Double Pole Keyswitch 'Emergency Test' - Black - Antique Brass |
| GM2046BKBNET | 20AX Double Pole Keyswitch 'Emergency Test' - Black - Black Nickel |
| GM2046BKBRET | 20AX Double Pole Keyswitch 'Emergency Test' - Black - Polished Brass |
| GM2046BKBSET | 20AX Double Pole Keyswitch 'Emergency Test' - Black - Brushed Stainless |
| GM2046BKCHET | 20AX Double Pole Keyswitch 'Emergency Test' - Black - Polished Chrome |
| GM2046BKPNET | 20AX Double Pole Keyswitch 'Emergency Test' - Black - Pearl Nickel |
| GM2046BKSBET | 20AX Double Pole Keyswitch 'Emergency Test' - Black - Satin Brass |
| GM2046BKSCET | 20AX Double Pole Keyswitch 'Emergency Test' - Black - Satin Chrome |
| GM2046BKSSET | 20AX Double Pole Keyswitch 'Emergency Test' - Black - Stainless Steel |
| GM2046BKMBET | 20AX Double Pole Keyswitch 'Emergency Test' - Black - Matt Black |
| GM2046GYBSET | 20AX Double Pole Keyswitch 'Emergency Test' - Grey - Brushed Stainless |
| GM2046GYSCET | 20AX Double Pole Keyswitch 'Emergency Test' - Grey - Satin Chrome |
| GM2046GYSSET | 20AX Double Pole Keyswitch 'Emergency Test' - Grey - Stainless Steel |

**Standards:** BS EN 60669-1
**Back Box Depth (mm):** 25 (35 Flat Plate) **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** 24.5 (W) x 50 (H) x 22.5 (D)

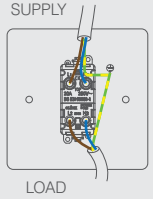




DIMENSIONS (MM)




TYPICAL WIRING DIAGRAM




| | |
|---|---|
| Material Composition | Cover: Nylon or Nylon + Stainless Steel Cover (Ingot)<br>Insert & Rear Housing: Nylon<br>Terminals: Brass, Terminal Screws: Steel & Yellow Passivated<br>Silver "on-lay" Copper / Brass Contacts |
| Voltage | 250V~ 50Hz |
| Current Rating (A) | 20AX |
| Terminal Size | ø 5mm |
| Torque Value | 1.2Nm |
| Cable Size (mm²) | 2 x 4mm², 3 x 2.5mm² or 1 x 6mm² |
| Back Box Depth (mm) | 25mm - 47mm (Deco®, Deco Plus®, Mode®, Polar™) 35mm - 47mm (Define®, Definity™) |
| Double Pole | Yes |
| Modular | Yes |
| Warranty (Years) | 10 Years |
| Antimicrobial Certified | No |
| IP Rating | IP20 |
| Operational Temperature | -5°C to +40°C |
| Standards | BS EN 60669-1 |

**Additional Information:**
Ensure that the mains supply is isolated before commencing installation and refer to the circuit diagram supplied with the relevant product.
These products are rated at 20AX; therefore all terminals should not exceed the stated amperage.
Bare earth cables must always be covered with appropriate sleeving and wired to the earth terminal.
All white moulded accessories are manufactured using Urea Formaldehyde, which has similar inherent properties to antimicrobial additives that inhibit the growth of infectious diseases. All products independently tested have shown to have anti-viral properties against enveloped and non-enveloped viruses. A 99.99% kill off rate across all four types of the strains of bacteria - MRSA, E-Coli, Salmonella, Klebsiella Pneumonia and enveloped viruses and a 92% kill off rate against non-enveloped viruses.

GM2047PWCH

GM2047PWBR

GM2047PWSC

GM2047GYBS

GM2047BKBN

GM2047BKAB

GM2047BKSS

MODULE BACK

13A Fused Modules

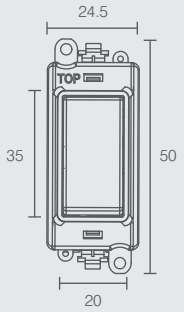
| | |
|---|---|
| GM2047PW | 13A Fused Module - White |
| GM2047BK | 13A Fused Module - Black |
| GM2047PWBR | 13A Fused Module - White - Polished Brass |
| GM2047PWBS | 13A Fused Module - White - Brushed Stainless |
| GM2047PWCH | 13A Fused Module - White - Polished Chrome |
| GM2047PWPN | 13A Fused Module - White - Pearl Nickel |
| GM2047PWSB | 13A Fused Module - White - Satin Brass |
| GM2047PWSC | 13A Fused Module - White - Satin Chrome |
| GM2047PWSS | 13A Fused Module - White - Stainless Steel |
| GM2047BKAB | 13A Fused Module - Black - Antique Brass |
| GM2047BKBN | 13A Fused Module - Black - Black Nickel |
| GM2047BKBR | 13A Fused Module - Black - Polished Brass |
| GM2047BKBS | 13A Fused Module - Black - Brushed Stainless |
| GM2047BKCH | 13A Fused Module - Black - Polished Chrome |
| GM2047BKPN | 13A Fused Module - Black - Pearl Nickel |
| GM2047BKSB | 13A Fused Module - Black - Satin Brass |
| GM2047BKSC | 13A Fused Module - Black - Satin Chrome |
| GM2047BKSS | 13A Fused Module - Black - Stainless Steel |
| GM2047BKMB | 13A Fused Module - Black - Matt Black |
| GM2047GYBS | 13A Fused Module - Grey - Brushed Stainless |
| GM2047GYSC | 13A Fused Module - Grey - Satin Chrome |
| GM2047GYSS | 13A Fused Module - Grey - Stainless Steel |

**Standards:** BS 1363-4 BS 1362
**Back Box Depth (mm):** 25 (35 Flat Plate) **Cable Size (mm²):** 3 x 2.5, 2 x 4
**Dimensions (mm):** 24.5 (W) x 50 (H) x 25 (D)

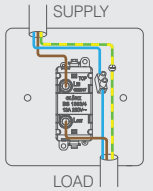




DIMENSIONS (MM)




TYPICAL WIRING DIAGRAM




| | |
|---|---|
| Material Composition | Cover: Nylon or Nylon + Stainless Steel Cover (Ingot)<br>Insert & Rear Housing: Nylon<br>Terminals: Brass, Terminal Screws: Steel & Yellow Passivated |
| Voltage | 250V~ 50Hz |
| Current Rating (A) | 13A |
| Terminal Size | ø 5mm |
| Torque Value | 1.2Nm |
| Cable Size (mm²) | 2 x 4mm², 3 x 2.5mm² or 1 x 6mm² |
| Back Box Depth (mm) | 25mm - 47mm (Deco®, Deco Plus®, Mode®, Polar™) 35mm - 47mm (Define®, Definity™) |
| Lockable | No |
| Modular | Yes |
| Warranty (Years) | 10 Years |
| Antimicrobial Certified | No |
| IP Rating | IP20 |
| Operational Temperature | -5ºC to +40ºC |
| Standards | BS 1363-4 |

**Additional Information:**
Ensure that the mains supply is isolated before commencing installation and refer to the circuit diagram supplied with the relevant product.
These products are rated at 13A; therefore all terminals should not exceed the stated amperage.
Bare earth cables must always be covered with appropriate sleeving and wired to the earth terminal.
All white moulded accessories are manufactured using Urea Formaldehyde, which has similar inherent properties to antimicrobial additives that inhibit the growth of infectious diseases. All products independently tested have shown to have anti-viral properties against enveloped and non-enveloped viruses. A 99.99% kill off rate across all four types of the strains of bacteria - MRSA, E-Coli, Salmonella, Klebsiella Pneumonia and enveloped viruses and a 92% kill off rate against non-enveloped viruses.

GM2047-LPW

GM2047-LPWPN

GM2047-LPWSB

GM2047-LGYSS

GM2047-LBK

GM2047-LBKBR

GM2047-LBKBS

MODULE BACK

13A Lockable Fused Modules

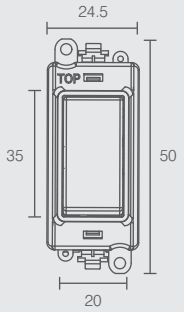
| | |
|---|---|
| GM2047-LPW | 13A Fused Lockable Module - White |
| GM2047-LBK | 13A Fused Lockable Module - Black |
| GM2047-LPWBR | 13A Fused Lockable Module - White - Polished Brass |
| GM2047-LPWBS | 13A Fused Lockable Module - White - Brushed Stainless |
| GM2047-LPWCH | 13A Fused Lockable Module - White - Polished Chrome |
| GM2047-LPWPN | 13A Fused Lockable Module - White - Pearl Nickel |
| GM2047-LPWSB | 13A Fused Lockable Module - White - Satin Brass |
| GM2047-LPWSC | 13A Fused Lockable Module - White - Satin Chrome |
| GM2047-LPWSS | 13A Fused Lockable Module - White - Stainless Steel |
| GM2047-LBKAB | 13A Fused Lockable Module - Black - Antique Brass |
| GM2047-LBKBN | 13A Fused Lockable Module - Black - Black Nickel |
| GM2047-LBKBR | 13A Fused Lockable Module - Black - Polished Brass |
| GM2047-LBKBS | 13A Fused Lockable Module - Black - Brushed Stainless |
| GM2047-LBKCH | 13A Fused Lockable Module - Black - Polished Chrome |
| GM2047-LBKPN | 13A Fused Lockable Module - Black - Pearl Nickel |
| GM2047-LBKSB | 13A Fused Lockable Module - Black - Satin Brass |
| GM2047-LBKSC | 13A Fused Lockable Module - Black - Satin Chrome |
| GM2047-LBKSS | 13A Fused Lockable Module - Black - Stainless Steel |
| GM2047-LBKMB | 13A Fused Lockable Module - Black - Matt Black |
| GM2047-LGYBS | 13A Fused Lockable Module - Grey - Brushed Stainless |
| GM2047-LGYSC | 13A Fused Lockable Module - Grey - Satin Chrome |
| GM2047-LGYSS | 13A Fused Lockable Module - Grey - Stainless Steel |

**Standards:** BS 1363-4 BS 1362
**Back Box Depth (mm):** 25 (35 Flat Plate) **Cable Size (mm²):** 3 x 2.5, 2 x 4
**Dimensions (mm):** 24.5 (W) x 50 (H) x 25 (D)

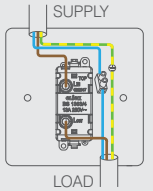




DIMENSIONS (MM)




TYPICAL WIRING DIAGRAM




| | |
|---|---|
| Material Composition | Cover: Nylon or Nylon + Stainless Steel Cover (Ingot)<br>Insert & Rear Housing: Nylon<br>Terminals: Brass, Terminal Screws: Steel & Yellow Passivated |
| Voltage | 250V~ 50Hz |
| Current Rating (A) | 13A |
| Terminal Size | ø 5mm |
| Torque Value | 1.2Nm |
| Cable Size (mm²) | 2 x 4mm², 3 x 2.5mm² or 1 x 6mm² |
| Back Box Depth (mm) | 25mm - 47mm (Deco®, Deco Plus®, Mode®, Polar™) 35mm - 47mm (Define®, Definity™) |
| Lockable | GM2047-L Only |
| Modular | Yes |
| Warranty (Years) | 10 Years |
| Antimicrobial Certified | No |
| IP Rating | IP20 |
| Operational Temperature | -5ºC to +40ºC |
| Standards | BS 1363-4 |

**Additional Information:**
Ensure that the mains supply is isolated before commencing installation and refer to the circuit diagram supplied with the relevant product.
These products are rated at 13A; therefore all terminals should not exceed the stated amperage.
Bare earth cables must always be covered with appropriate sleeving and wired to the earth terminal.
All white moulded accessories are manufactured using Urea Formaldehyde, which has similar inherent properties to antimicrobial additives that inhibit the growth of infectious diseases. All products independently tested have shown to have anti-viral properties against enveloped and non-enveloped viruses. A 99.99% kill off rate across all four types of the strains of bacteria - MRSA, E-Coli, Salmonella, Klebsiella Pneumonia and enveloped viruses and a 92% kill off rate against non-enveloped viruses.

GM2017PW

GM2017PWPN

GM2017PWSB

GM2017GYSS

GM2017BK

GM2017BKCH

GM2017BKMB

MODULE BACK

20A Flex Outlet Modules

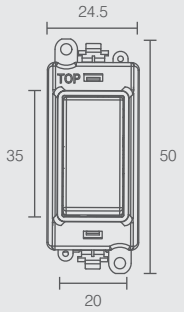
| | |
|---|---|
| GM2017PW | 20A Flex Outlet Module - White |
| GM2017BK | 20A Flex Outlet Module - Black |
| GM2017PWBR | 20A Flex Outlet Module - White - Polished Brass |
| GM2017PWBS | 20A Flex Outlet Module - White - Brushed Stainless |
| GM2017PWCH | 20A Flex Outlet Module - White - Polished Chrome |
| GM2017PWPN | 20A Flex Outlet Module - White - Pearl Nickel |
| GM2017PWSB | 20A Flex Outlet Module - White - Satin Brass |
| GM2017PWSC | 20A Flex Outlet Module - White - Satin Chrome |
| GM2017PWSS | 20A Flex Outlet Module - White - Stainless Steel |
| GM2017BKAB | 20A Flex Outlet Module - Black - Antique Brass |
| GM2017BKBN | 20A Flex Outlet Module - Black - Black Nickel |
| GM2017BKBR | 20A Flex Outlet Module - Black - Polished Brass |
| GM2017BKBS | 20A Flex Outlet Module - Black - Brushed Stainless |
| GM2017BKCH | 20A Flex Outlet Module - Black - Polished Chrome |
| GM2017BKPN | 20A Flex Outlet Module - Black - Pearl Nickel |
| GM2017BKSB | 20A Flex Outlet Module - Black - Satin Brass |
| GM2017BKSC | 20A Flex Outlet Module - Black - Satin Chrome |
| GM2017BKSS | 20A Flex Outlet Module - Black - Stainless Steel |
| GM2017BKMB | 20A Flex Outlet Module - Black - Matt Black |
| GM2017GYBS | 20A Flex Outlet Module - Grey - Brushed Stainless |
| GM2017GYSC | 20A Flex Outlet Module - Grey - Satin Chrome |
| GM2017GYSS | 20A Flex Outlet Module - Grey - Stainless Steel |

**Standards:** BS 5733
**Back Box Depth (mm):** 25 (35 Flat Plate) **Cable Size (mm²):** 3 x 2.5, 2 x 4
**Dimensions (mm):** 24.5 (W) x 50 (H) x 28 (D)

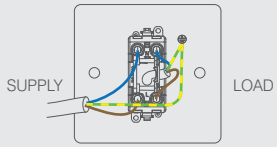




DIMENSIONS (MM)




TYPICAL WIRING DIAGRAM




| | |
|---|---|
| Material Composition | Cover: Nylon or Nylon + Stainless Steel Cover (Ingot)<br>Insert & Rear Housing: Nylon<br>Terminals: Brass<br>Terminal Screws: Steel & Yellow Passivated |
| Voltage | 250V~ 50Hz |
| Current Rating (A) | 20A |
| Terminal Size | ø 5mm |
| Torque Value | 1.2Nm |
| Cable Size (mm²) | 2 x 4mm², 3 x 2.5mm² or 1 x 6mm² |
| Back Box Depth (mm) | 25mm - 47mm (Deco®, Deco Plus®, Mode®, Polar™) 35mm - 47mm (Define®, Definity™) |
| Modular | Yes |
| Warranty (Years) | 10 Years |
| Antimicrobial Certified | No |
| IP Rating | IP20 |
| Operational Temperature | -5ºC to +40ºC |
| Standards | BS 5733 |

**Additional Information:**
Ensure that the mains supply is isolated before commencing installation and refer to the circuit diagram supplied with the relevant product.
These products are rated at 20A; therefore all terminals should not exceed the stated amperage.
Bare earth cables must always be covered with appropriate sleeving and wired to the earth terminal.
All white moulded accessories are manufactured using Urea Formaldehyde, which has similar inherent properties to antimicrobial additives that inhibit the growth of infectious diseases. All products independently tested have shown to have anti-viral properties against enveloped and non-enveloped viruses. A 99.99% kill off rate across all four types of the strains of bacteria - MRSA, E-Coli, Salmonella, Klebsiella Pneumonia and enveloped viruses and a 92% kill off rate against non-enveloped viruses.

GM2008PWCH

GM2008PWBR

GM2008PWSC

GM2008GYBS

GM2008BKBN

GM2008BKPN

GM2008BKSB

MODULE BACK

Blank Modules

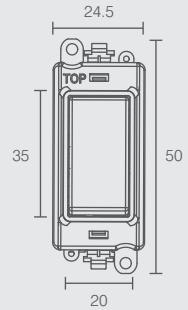
| | |
|---|---|
| GM2008PW | Blank Module - White |
| GM2008BK | Blank Module - Black |
| GM2008PWBR | Blank Module - White - Polished Brass |
| GM2008PWBS | Blank Module - White - Brushed Stainless |
| GM2008PWCH | Blank Module - White - Polished Chrome |
| GM2008PWPN | Blank Module - White - Pearl Nickel |
| GM2008PWSB | Blank Module - White - Satin Brass |
| GM2008PWSC | Blank Module - White - Satin Chrome |
| GM2008PWSS | Blank Module - White - Stainless Steel |
| GM2008BKAB | Blank Module - Black - Antique Brass |
| GM2008BKBN | Blank Module - Black - Black Nickel |
| GM2008BKBR | Blank Module - Black - Polished Brass |
| GM2008BKBS | Blank Module - Black - Brushed Stainless |
| GM2008BKCH | Blank Module - Black - Polished Chrome |
| GM2008BKPN | Blank Module - Black - Pearl Nickel |
| GM2008BKSB | Blank Module - Black - Satin Brass |
| GM2008BKSC | Blank Module - Black - Satin Chrome |
| GM2008BKSS | Blank Module - Black - Stainless Steel |
| GM2008BKMB | Blank Module - Black - Matt Black |
| GM2008GYBS | Blank Module - Grey - Brushed Stainless |
| GM2008GYSC | Blank Module - Grey - Satin Chrome |
| GM2008GYSS | Blank Module - Grey - Stainless Steel |

**Standards:** BS 5733
**Back Box Depth (mm):** 25 Minimum
**Dimensions (mm):** 24.5 (W) x 50 (H) x 12 (D)





DIMENSIONS (MM)




| | |
|---|---|
| Material Composition | Module Front: Nylon or Nylon + Stainless Steel Cover (Ingot)<br>Cover, Insert & Rear Housing: Nylon |
| Back Box Depth (mm) | 25mm - 47mm (Deco®, Deco Plus®, Mode®, Polar™) 35mm - 47mm (Define®, Definity™) |
| Modular | Yes |
| Warranty (Years) | 10 Years |
| Antimicrobial Certified | No |
| IP Rating | IP20 |
| Operational Temperature | -5°C to +40°C |
| Standards | BS 5733 |

**Additional Information:**
Ensure that the mains supply is isolated before commencing installation and refer to the circuit diagram supplied with the relevant product.
Bare earth cables must always be covered with appropriate sleeving and wired to the earth terminal.

GM2080PW

GM2081PW

GM2082PW

GM2082GY

GM2080BK

GM2081BK

GM2082BK

MODULE BACK

Indicator Modules

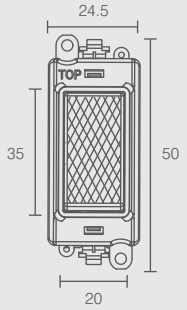
| | |
|---|---|
| GM2080BK | 240V~ Red Indicator Module - Black |
| GM2080PW | 240V~ Red Indicator Module - White |
| GM2080GY | 240V~ Red Indicator Module - Grey |
| GM2081BK | 240V~ Amber Indicator Module - Black |
| GM2081PW | 240V~ Amber Indicator Module - White |
| GM2081GY | 240V~ Amber Indicator Module - Grey |
| GM2082BK | 240V~ Green Indicator Module - Black |
| GM2082PW | 240V~ Green Indicator Module - White |
| GM2082GY | 240V~ Green Indicator Module - Grey |

**Standards:** BS 5733
**Back Box Depth (mm):** 25 (35 Flat Plate)
**Cable Size (mm²):** 3 x 2.5, 2 x 4
**Dimensions (mm):** 24.5 (W) x 50 (H) x 22.5 (D)

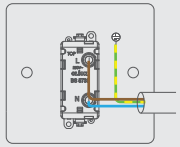




DIMENSIONS (MM)




TYPICAL WIRING DIAGRAM



| | |
|---|---|
| Material Composition | Indicator Lens: Polycarbonate / ABS<br>Cover, Insert & Rear Housing: Nylon<br>Terminals: Brass, Terminal Screws: Steel & Yellow Passivated |
| Voltage | 250V~ 50Hz |
| Terminal Size | ø 5mm |
| Torque Value | 1.2Nm |
| Cable Size (mm²) | 2 x 4mm², 3 x 2.5mm² or 1 x 6mm² |
| Back Box Depth (mm) | 25mm - 47mm (Deco®, Deco Plus®, Mode®, Polar™) 35mm - 47mm (Define®, Definity™) |
| Modular | Yes |
| Warranty (Years) | 10 Years |
| IP Rating | IP20 |
| Operational Temperature | -5ºC to +40ºC |
| Standards | BS 5733 |

**Additional Information:**
Ensure that the mains supply is isolated before commencing installation and refer to the circuit diagram supplied with the relevant product.
Bare earth cables must always be covered with appropriate sleeving and wired to the earth terminal.

GM2008GTAB

GM2008RTBS

GM2008GTPW

MODULE BACK

Ideal for Hotel locations.
See the range of compatible Hotel Accessory Plates in the GridPro® range of frontplates.

IN HOUSE LASER ETCHING
Our in house laser printer provides flexibility to suit large volume batch or custom jobs.
The precision, permanent, fine marking effect is customisable, offering you and your customers a wider variety of options.

### Green Blank LED Illuminated Modules

| | |
|---|---|
| GM2008GTBK | 250V~ Green LED Transparent Illuminated Blank Module - Black |
| GM2008GTPW | 250V~ Green LED Transparent Illuminated Blank Module - White |
| GM2008GTAB | 250V~ Green LED Transparent Illuminated Blank Module - Antique Brass |
| GM2008GTBN | 250V~ Green LED Transparent Illuminated Blank Module - Black Nickel |
| GM2008GTBR | 250V~ Green LED Transparent Illuminated Blank Module - Polished Brass |
| GM2008GTBS | 250V~ Green LED Transparent Illuminated Blank Module - Brushed Steel |
| GM2008GTCH | 250V~ Green LED Transparent Illuminated Blank Module - Polished Chrome |
| GM2008GTPN | 250V~ Green LED Transparent Illuminated Blank Module - Pearl Nickel |
| GM2008GTSB | 250V~ Green LED Transparent Illuminated Blank Module - Satin Brass |
| GM2008GTSC | 250V~ Green LED Transparent Illuminated Blank Module - Satin Chrome |
| GM2008GTSS | 250V~ Green LED Transparent Illuminated Blank Module - Stainless Steel |

### Red Blank LED Illuminated Modules

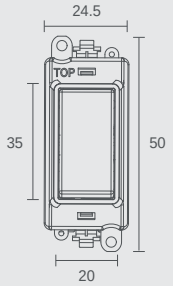
| | |
|---|---|
| GM2008RTBK | 250V~ Red LED Transparent Illuminated Blank Module - Black |
| GM2008RTPW | 250V~ Red LED Transparent Illuminated Blank Module - White |
| GM2008RTAB | 250V~ Red LED Transparent Illuminated Blank Module - Antique Brass |
| GM2008RTBN | 250V~ Red LED Transparent Illuminated Blank Module - Black Nickel |
| GM2008RTBR | 250V~ Red LED Transparent Illuminated Blank Module - Polished Brass |
| GM2008RTBS | 250V~ Red LED Transparent Illuminated Blank Module - Brushed Steel |
| GM2008RTCH | 250V~ Red LED Transparent Illuminated Blank Module - Polished Chrome |
| GM2008RTPN | 250V~ Red LED Transparent Illuminated Blank Module - Pearl Nickel |
| GM2008RTSB | 250V~ Red LED Transparent Illuminated Blank Module - Satin Brass |
| GM2008RTSC | 250V~ Red LED Transparent Illuminated Blank Module - Satin Chrome |
| GM2008RTSS | 250V~ Red LED Transparent Illuminated Blank Module - Stainless Steel |

**Standards:** BS 5733
**Back Box Depth (mm):** 25 (35 Flat Plate) **Cable Size (mm²):** 3 x 2.5, 2 x 4
**Dimensions (mm):** 24.5 (W) x 50 (H) x 19.5 (D)

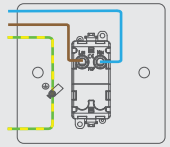




DIMENSIONS (MM)




TYPICAL WIRING DIAGRAM



| | |
|---|---|
| Material Composition | Transparent Trim: Polycarbonate<br>Blank Section: Decorative (Stainless Steel), Moulded (Polycarbonate)<br>Rear Housing: Nylon<br>Terminals: Brass<br>Terminal Screws: Steel & Yellow Passivated |
| Voltage | 250V~ 50Hz |
| Terminal Size | ø 5mm |
| Torque Value | 1.2Nm |
| Cable Size (mm²) | 2 x 4mm², 3 x 2.5mm² or 1 x 6mm² |
| Back Box Depth (mm) | 25mm - 47mm (Deco™, Deco Plus™, Mode™, Polar™) 35mm - 47mm (Define™, Definity™) |
| Modular | Yes |
| Warranty (Years) | 10 Years |
| Anti Microbial Certified | No |
| IP Rating | IP20 |
| Operational Temperature | +5°C to +40°C |
| Standards | BS 5733 |

**Additional Information:**
Ensure that the mains supply is isolated before commencing installation and refer to the circuit diagram supplied with the relevant product.
Bare earth cables must always be covered with appropriate sleeving and wired to the earth terminal.

GM2001BTBK

GM2002BTPW

GM2028BTBK

GM2018BTBK

GM2001BT
MODULE BACK

GM2002BT
MODULE BACK

GM2028BT
MODULE BACK

GM2018BT
MODULE BACK

20AX Locator Switch Modules (Blue LED)

| | |
|---|---|
| GM2001BTBK | 20AX 1 Way Locator Black Switch Module With Transparent Surround |
| GM2001BTPW | 20AX 1 Way Locator White Switch Module With Transparent Surround |
| GM2002BTBK | 20AX 2 Way Locator Black Switch Module With Transparent Surround |
| GM2002BTPW | 20AX 2 Way Locator White Switch Module With Transparent Surround |
| GM2028BTBK | 20AX Intermediate Switch Module - Black With Transparent Surround |
| GM2028BTPW | 20AX Intermediate Switch Module - White With Transparent Surround |

The switch will illuminate when the switch is in the 'OFF' position.

20AX Indicator Switch Modules (Blue LED)

| | |
|---|---|
| GM2018BTBK | 20AX Double Pole Switch Module - Black With Transparent Surround |
| GM2018BTPW | 20AX Double Pole Switch Module - White With Transparent Surround |

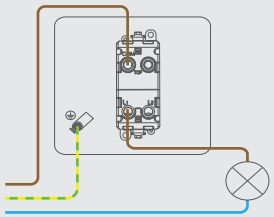
The switch will illuminate when the switch is in the 'ON' position.

**Standards:** BS EN 60669-1
**Back Box Depth (mm):** 25 (35 Flat Plate) **Cable Size (mm²):** 3 x 2.5, 2 x 4
**Dimensions (mm):** 24.5 (W) x 50 (H) x 22.5 (D)

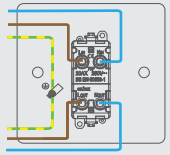




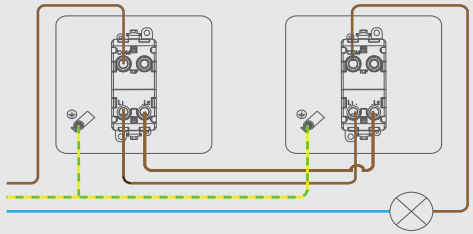
TYPICAL 1 WAY SWITCHED CIRCUIT



TYPICAL DOUBLE POLE WIRING DIAGRAM



TYPICAL 2 WAY SWITCHED CIRCUIT



| | |
|---|---|
| Material Composition | Transparent Trim: Polycarbonate Switch: Urea<br>Rear Housing: Nylon<br>Terminals: Brass<br>Terminal Screws: Steel & Yellow Passivated<br>Contacts: Silver "on-lay" Copper / Brass |
| Voltage | 250V~ 50Hz |
| Current Rating (A) | 20AX (suitable for inductive loads) |
| Terminal Size | ø 5mm |
| Torque Value | 1.2Nm |
| Cable Size (mm²) | 2 x 4mm², 3 x 2.5mm² or 1 x 6mm² |
| Back Box Depth (mm) | 25mm - 47mm (Deco™, Deco Plus, Mode™, Polar™) 35mm - 47mm (Define™, Definity™) |
| Modular | Yes |
| Warranty (Years) | 10 Years |
| Anti Microbial Certified | Yes (Non Ingot Switches Only) |
| IP Rating | IP20 |
| Operational Temperature | +5°C to +40°C |
| Standards | BS EN 60669-1 |

**Additional Information:**
Ensure that the mains supply is isolated before commencing installation and refer to the circuit diagram supplied with the relevant product.
These products are rated at 20AX; therefore all terminals should not exceed the stated amperage.
Bare earth cables must always be covered with appropriate sleeving and wired to the earth terminal.
All white moulded accessories are manufactured using Urea Formaldehyde, which has similar inherent properties to antimicrobial additives that inhibit the growth of infectious diseases. All products independently tested have shown to have anti-viral properties against enveloped and non-enveloped viruses. A 99.99% kill off rate across all four types of the strains of bacteria - MRSA, E-Coli, Salmonella, Klebsiella Pneumonia and enveloped viruses and a 92% kill off rate against non-enveloped viruses.

GM2650PW

GM2600BK

GM2515WH

GM2300BK

GM2650
MODULE BACK

GM2600
MODULE BACK

GM2515
MODULE BACK

### Buzzer Module

GM2650BK 230V~ Buzzer Unit Module - Black
GM2650PW 230V~ Buzzer Unit Module - White
Requires retractive switch see page J30

### Time Delay Switch Modules

GM2600BK 230V~ Time Delay Switch 300W - Black
GM2600PW 230V~ Time Delay Switch 300W - White
Requires retractive switch see page J30

### USB Connection Modules

GM2300BK USB Throughput Module - Black
GM2300PW USB Throughput Module - White
Flylead: 95mm overall length

### USB Charging Modules

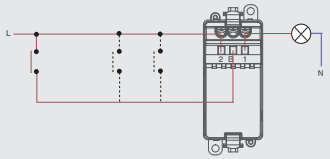
GM2515BK 2.4A USB Charging Modules - Black
GM2515WH 2.4A USB Charging Modules - White

**Standards:** **2300:** BS EN 62368-1 BS EN 61000-6-1 BS EN 61000-6-3 **2650 2600:** BS 5733
**Back Box Depth (mm):** 25 (35 Flat Plate) **2300:** 47 **2515:** 35 (47 Flat Plate)
**Cable Size (mm²):** **2650 2600:** 2 x 1.5 **2300 2515:** 3 x 2.5, 2 x 4 or 1 x 6.0
**Dimensions (mm):** **2300 2515:** 24.5 (W) x 50 (H) x 40 (D) **2650:** 24.5 (W) x 50 (H) x 31.5 (D) **2600:** 24.5 (W) x 50 (H) x 25 (D)

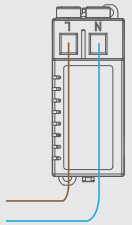




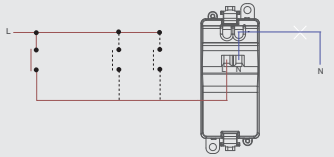
GM2600




GM2515




GM2650




| | GM2600 | GM2650 | GM2300 | GM2515 |
|---|---|---|---|---|
| Material Composition | Cover, Insert & Rear Housing: Nylon<br>Terminals: Brass<br>Terminal Screws: Steel & Yellow Passivated | | | |
| Voltage | 240V | 200-250V | 30V DC MAX | 240V |
| USB Type | N/A | N/A | 2 x Type A | Type A |
| USB Charging Output | N/A | N/A | N/A | 5V DC 2.4A |
| Cable Size (mm²) | 2 x 1.5mm² | 2 x 1.5mm² | N/A | 2 x 1.5mm² |
| Terminal Type | Screw Terminals | Screw Terminals | N/A | Screw Terminals |
| Back Box Depth (mm) | 35mm (Deco/Deco Plus/Mode/Polar)<br>47mm (Define/Definity) | 25mm (Deco/Deco Plus/Mode/Polar)<br>35mm (Define/Definity) | 35mm (Deco/Deco Plus/Mode/Polar)<br>47mm (Define/Definity) | 35mm (Deco/Deco Plus/Mode/Polar)<br>47mm (Define/Definity) |
| Modular | Yes | | | |
| Warranty (Years) | 10 Years (1 Year Electronics) | | | |
| Anti Microbial Certified | No | | | |
| IP Rating | IP20 | | | |
| Operational Temperature | -5°C to +40°C | | | |
| Standards | BS5733 | BS5733 | N/A | BS EN 62368-1, BS EN 61000-6-1, BS EN 61000-6-3: |

**Additional Information:**
Ensure that the mains supply is isolated before commencing installation and refer to the circuit diagram supplied with the relevant product.
These products are rated at 20AX; therefore all terminals should not exceed the stated amperage.
Bare earth cables must always be covered with appropriate sleeving and wired to the earth terminal.
All white moulded accessories are manufactured using Urea Formaldehyde, which has similar inherent properties to antimicrobial additives that inhibit the growth of infectious diseases. All products independently tested have shown to have anti-viral properties against enveloped and non-enveloped viruses. A 99.99% kill off rate across all four types of the strains of bacteria - MRSA, E-Coli, Salmonella, Klebsiella Pneumonia and enveloped viruses and a 92% kill off rate against non-enveloped viruses.

GM2490PW

GM2495PW

GM2497PW

GM2496BK

GM2490
MODULE BACK

GM2495
MODULE BACK

GM2497
MODULE BACK

Media Modules

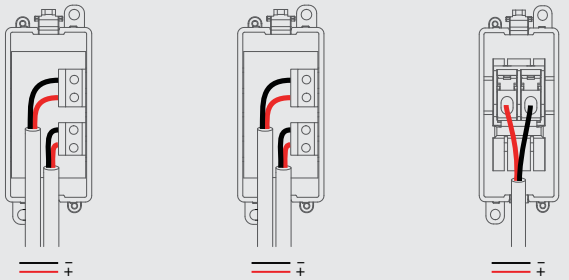
| | |
|---|---|
| GM2490BK | RCA X 2 Outlet Module - Black |
| GM2490PW | RCA X 2 Outlet Module - White |
| GM2495BK | Loudspeaker X 2 Outlet Module - Black |
| GM2495PW | Loudspeaker X 2 Outlet Module - White |
| GM2496BK | 3.5mm Audio Jack Module - Black |
| GM2496PW | 3.5mm Audio Jack Module - White<br>Flylead: 98mm overall length |
| GM2497BK | HIFI Module- Black |
| GM2497PW | HIFI Module - White |

**Back Box Depth (mm):** 25 **496:** 35 (47 Flat Plate) **497:** 25 (35 Flat Plate)
**Cable Size (mm²):** Dependent on Modules Fitted
**Dimensions (mm): GM2490:** 24.5 (W) x 50 (H) x 15 (D) **GM2495:** 24.5 (W) x 50 (H) x 13.5 (D)
**GM2496:** 24.5 (W) x 50 (H) x 35 (D) **GM2497:** 24.5 (W) x 50 (H) x 19.5 (D)





GM2490 GM2495 GM2497



| | GM2490 | GM2495 | GM2496 | GM2497 |
|---|---|---|---|---|
| Material Composition | | Cover, Insert & Rear Housing: Nylon<br>Terminals: Brass<br>Terminal Screws: Steel & Yellow Passivated | | |
| Cable Size (mm²) | 2 x 1.5mm² | 2 x 1.5mm² | N/A | 2 x 1.5mm² |
| Terminal Type | Screw Terminals | Screw Down or Banana Plug | N/A | Screw Terminals |
| Back Box Depth (mm) | 25 Minimum | 25 Minimum | 35mm Minimum | 25 Minimum |
| Modular | | Yes | | |
| Warranty (Years) | | 10 Years (1 Year Electronics) | | |
| Anti Microbial Certified | | No | | |
| IP Rating | | IP20 | | |
| Operational Temperature | | -5ºC to +40ºC | | |

**Additional Information:**
Ensure that the mains supply is isolated before commencing installation and refer to the circuit diagram supplied with the relevant product.
These products are rated at 20AX; therefore all terminals should not exceed the stated amperage.
Bare earth cables must always be covered with appropriate sleeving and wired to the earth terminal.
All white moulded accessories are manufactured using Urea Formaldehyde, which has similar inherent properties to antimicrobial additives that inhibit the growth of infectious diseases. All products independently tested have shown to have anti-viral properties against enveloped and non-enveloped viruses. A 99.99% kill off rate across all four types of the strains of bacteria - MRSA, E-Coli, Salmonella, Klebsiella Pneumonia and enveloped viruses and a 92% kill off rate against non-enveloped viruses.

GM2460PW

GM2465PW

GM2470PW

GM2485PW

GM2460
MODULE BACK

GM2465
MODULE BACK

GM2470
MODULE BACK

GM2485
MODULE BACK

Telephone / Data Modules

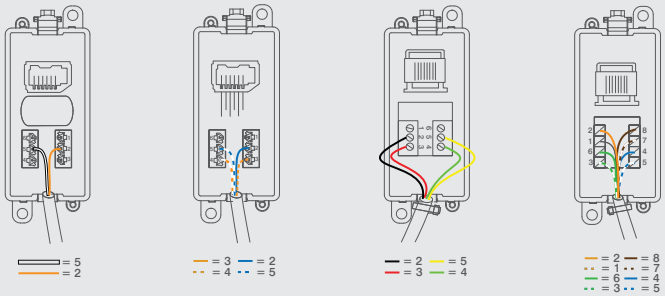
| | |
|---|---|
| GM2460BK | Telephone Socket Module (Master) - Black |
| GM2460PW | Telephone Socket Module (Master) - White |
| GM2465BK | Telephone Socket Module (Secondary) - Black |
| GM2465PW | Telephone Socket Module (Secondary) - White |
| GM2470BK | RJ11 Module - Black |
| GM2470PW | RJ11 Module -White |
| GM2485BK | RJ45 Cat-6 Module - Black |
| GM2485PW | RJ45 Cat-6 Module - White |

**Back Box Depth (mm):** 25
**Dimensions (mm): GM2460 GM2465:** 24.5 (W) x 50 (H) x 18 (D) **GM2470:** 24.5 (W) x 50 (H) x 16 (D) **GM2485:** 24.5 (W) x 50 (H) x 17.5 (D)





GM2460 GM2465 GM2470 GM2485




| | GM2460 | GM2465 | GM2470 | GM2485 |
|---|---|---|---|---|
| Material Composition | | Cover, Insert & Rear Housing: Nylon<br>Terminals: Brass | | |
| Terminal Type | | IDC | | |
| Back Box Depth (mm) | | 25 Minimum | | |
| Modular | | Yes | | |
| Warranty (Years) | | 10 Years (1 Year Electronics) | | |
| Anti Microbial Certified | | No | | |
| IP Rating | | IP20 | | |
| Operational Temperature | | -5°C to +40°C | | |

**Additional Information:**
Ensure that the mains supply is isolated before commencing installation and refer to the circuit diagram supplied with the relevant product.
These products are rated at 20AX; therefore all terminals should not exceed the stated amperage.
Bare earth cables must always be covered with appropriate sleeving and wired to the earth terminal.
All white moulded accessories are manufactured using Urea Formaldehyde, which has similar inherent properties to antimicrobial additives that inhibit the growth of infectious diseases. All products independently tested have shown to have anti-viral properties against enveloped and non-enveloped viruses. A 99.99% kill off rate across all four types of the strains of bacteria - MRSA, E-Coli, Salmonella, Klebsiella Pneumonia and enveloped viruses and a 92% kill off rate against non-enveloped viruses.

GM2405PW

GM2410BK

GM2415PW

GM2405
MODULE BACK

GM2410 / GM2415
MODULE BACK

GM2305BK

GM2501PW

TV / Satellite Modules

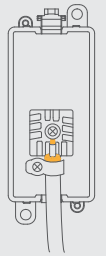
| | |
|---|---|
| GM2305BK | VGA Module - Black |
| GM2305PW | VGA Module - White<br>Flylead: 160mm overall length |
| GM2405BK | Satellite Module - Black |
| GM2405PW | Satellite Module - White |
| GM2410BK | Non-isolated Female Coaxial Module - Black |
| GM2410PW | Non-isolated Female Coaxial Module - White |
| GM2415BK | Non-isolated Male Coaxial Module - Black |
| GM2415PW | Non-isolated Male Coaxial Module - White |
| GM2501BK | HDMI Module (V2.0) - Black |
| GM2501PW | HDMI Module (V2.0) - White<br>Flylead: 145mm overall length |

**Back Box Depth (mm):** 47 **2405:** 25 (35 Flat Plate) **2501:** 47
**Dimensions (mm): GM2305:** 24.5 (W) x 50 (H) x 43 (D) **GM2405 GM2410 GM2415:** 24.5 (W) x 50 (H) x 20 (D)
**GM2501:** 24.5 (W) x 50 (H) x 45 (D)





GM2405 GM2410 GM2415



| | GM2305 | GM2405 | GM2410 | GM2415 | GM2501 |
|---|---|---|---|---|---|
| Material Composition | Cover, Insert & Rear Housing: Nylon<br>Terminals: Brass<br>Terminal Screws: Brass | | | | |
| Terminal Type | VGA | Screw Terminals | | | HDMI |
| Version | N/A | N/A | N/A | N/A | 2 |
| Shielded | Yes | | | | |
| Isolated | N/A | No | No | No | N/A |
| Modular | Yes | | | | |
| Warranty (Years) | 10 Years (1 Year Electronics) | | | | |
| Anti Microbial Certified | No | | | | |
| IP Rating | IP20 | | | | |
| Operational Temperature | -5°C to +40°C | | | | |

**Additional Information:**
Ensure that the mains supply is isolated before commencing installation and refer to the circuit diagram supplied with the relevant product.
These products are rated at 20AX; therefore all terminals should not exceed the stated amperage.
Bare earth cables must always be covered with appropriate sleeving and wired to the earth terminal.
All white moulded accessories are manufactured using Urea Formaldehyde, which has similar inherent properties to antimicrobial additives that inhibit the growth of infectious diseases. All products independently tested have shown to have anti-viral properties against enveloped and non-enveloped viruses. A 99.99% kill off rate across all four types of the strains of bacteria - MRSA, E-Coli, Salmonella, Klebsiella Pneumonia and enveloped viruses and a 92% kill off rate against non-enveloped viruses.

GM050PW

GM050BKBS

GM050GYSC

Dimmer mounting kits include the mounting modules, locking nut, locking tool and knob.
For Dimmer Modules see page J84.

1 Module Dimmer Mounting Kit

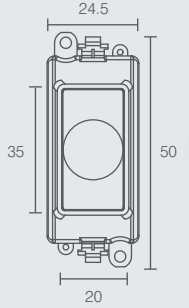
| | |
|---|---|
| GM050PW | 1 Module Dimmer Mounting Kit - White |
| GM050BK | 1 Module Dimmer Mounting Kit - Black |
| GM050PWBR | 1 Module Dimmer Mounting Kit - White - Polished Brass |
| GM050PWBS | 1 Module Dimmer Mounting Kit - White - Brushed Stainless |
| GM050PWCH | 1 Module Dimmer Mounting Kit - White - Polished Chrome |
| GM050PWPN | 1 Module Dimmer Mounting Kit - White - Pearl Nickel |
| GM050PWSB | 1 Module Dimmer Mounting Kit - White - Satin Brass |
| GM050PWSC | 1 Module Dimmer Mounting Kit - White - Satin Chrome |
| GM050PWSS | 1 Module Dimmer Mounting Kit - White - Stainless Steel |
| GM050BKAB | 1 Module Dimmer Mounting Kit - Black - Antique Brass |
| GM050BKBN | 1 Module Dimmer Mounting Kit - Black - Black Nickel |
| GM050BKBR | 1 Module Dimmer Mounting Kit - Black - Polished Brass |
| GM050BKBS | 1 Module Dimmer Mounting Kit - Black - Brushed Stainless |
| GM050BKCH | 1 Module Dimmer Mounting Kit - Black - Polished Chrome |
| GM050BKPN | 1 Module Dimmer Mounting Kit - Black - Pearl Nickel |
| GM050BKSB | 1 Module Dimmer Mounting Kit - Black - Satin Brass |
| GM050BKSC | 1 Module Dimmer Mounting Kit - Black - Satin Chrome |
| GM050BKSS | 1 Module Dimmer Mounting Kit - Black - Stainless Steel |
| GM050BKMB | 1 Module Dimmer Mounting Kit - Black - Matt Black |
| GM050GYBS | 1 Module Dimmer Mounting Kit - Grey - Brushed Stainless |
| GM050GYSC | 1 Module Dimmer Mounting Kit - Grey - Satin Chrome |
| GM050GYSS | 1 Module Dimmer Mounting Kit - Grey - Stainless Steel |

**Standards:** BS 5733
**Back Box Depth (mm):** 47 **Cable Size (mm²):** Dependant on Dimmer used
**Dimensions (mm):** 24.5 (W) x 50 (H)





DIMENSIONS (MM)




INSTALLATION

The dimmer mounting modules attach to a dimmer module via the supplied locking nut, this is achieved with the locking tool. Then the knob simply pushes into place.

| | |
|---|---|
| Material Composition | Mounting Kit: Nylon |
| Back Box Depth (mm) | Dependent on Modules Fitted (Deco®, Deco Plus®, Mode®, Polar™, Define®, Definity™) |
| Modular | Yes |
| Warranty (Years) | 10 Years |
| Antimicrobial Certified | No |
| IP Rating | IP20 |
| Operational Temperature | -5ºC to +40ºC |
| Standards | BS 5733 |

**Additional Information:**
Ensure that the mains supply is isolated before commencing installation and refer to the circuit diagram supplied with the relevant product.
Bare earth cables must always be covered with appropriate sleeving and wired to the earth terminal.

GM150PWCH

GM150BKBN

GM150GYSS

Dimmer mounting kits include the mounting modules, locking nut, locking tool and knob.
For Dimmer Modules see page J84.

2 Module Dimmer Mounting Kit

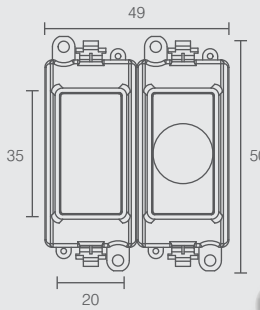
| | |
|---|---|
| GM150PW | 2 Module Dimmer Mounting Kit - White |
| GM150BK | 2 Module Dimmer Mounting Kit - Black |
| GM150PWBR | 2 Module Dimmer Mounting Kit - White - Polished Brass |
| GM150PWBS | 2 Module Dimmer Mounting Kit - White - Brushed Stainless |
| GM150PWCH | 2 Module Dimmer Mounting Kit - White - Polished Chrome |
| GM150PWPN | 2 Module Dimmer Mounting Kit - White - Pearl Nickel |
| GM150PWSB | 2 Module Dimmer Mounting Kit - White - Satin Brass |
| GM150PWSC | 2 Module Dimmer Mounting Kit - White - Satin Chrome |
| GM150PWSS | 2 Module Dimmer Mounting Kit - White - Stainless Steel |
| GM150BKAB | 2 Module Dimmer Mounting Kit - Black - Antique Brass |
| GM150BKBN | 2 Module Dimmer Mounting Kit - Black - Black Nickel |
| GM150BKBR | 2 Module Dimmer Mounting Kit - Black - Polished Brass |
| GM150BKBS | 2 Module Dimmer Mounting Kit - Black - Brushed Stainless |
| GM150BKCH | 2 Module Dimmer Mounting Kit - Black - Polished Chrome |
| GM150BKPN | 2 Module Dimmer Mounting Kit - Black - Pearl Nickel |
| GM150BKSB | 2 Module Dimmer Mounting Kit - Black - Satin Brass |
| GM150BKSC | 2 Module Dimmer Mounting Kit - Black - Satin Chrome |
| GM150BKSS | 2 Module Dimmer Mounting Kit - Black - Stainless Steel |
| GM150BKMB | 2 Module Dimmer Mounting Kit - Black - Matt Black |
| GM150GYBS | 2 Module Dimmer Mounting Kit - Grey - Brushed Stainless |
| GM150GYSC | 2 Module Dimmer Mounting Kit - Grey - Satin Chrome |
| GM150GYSS | 2 Module Dimmer Mounting Kit - Grey - Stainless Steel |
| GM2001PWRD | 20AX 1 Way Switch Module - White - Red |

**Standards:** BS 5733 GM2001PWRD : BS EN 60669-1
**Back Box Depth (mm):** 47 GM2001PWRD : 25 (35 Flat Plate) **Cable Size (mm²):** Dependant on Dimmer used
**Dimensions (mm):** 49 (W) x 50 (H) GM2001PWRD : 24.5 (W) x 50 (H) x 22.5 (D)





DIMENSIONS (MM)




INSTALLATION

The dimmer mounting modules attach to a dimmer module via the supplied locking nut, this is achieved with the locking tool. Then the knob simply pushes into place.

Suitable for rotary dimmer modules where the spindle is off centre and overlaps the next module space.
Suitable for plates with 2, 4, 8, 12, 18 or 24 apertures.

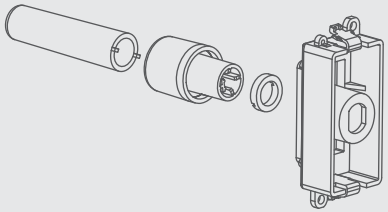
| | |
|---|---|
| Material Composition | Mounting Kit: Nylon |
| Back Box Depth (mm) | Dependent on Modules Fitted (Deco®, Deco Plus®, Mode®, Polar™, Define®, Definity™) |
| Modular | Yes |
| Warranty (Years) | 10 Years |
| Antimicrobial Certified | No |
| IP Rating | IP20 |
| Operational Temperature | -5ºC to +40ºC |
| Standards | BS 5733 |

**Additional Information:**
Ensure that the mains supply is isolated before commencing installation and refer to the circuit diagram supplied with the relevant product.
Bare earth cables must always be covered with appropriate sleeving and wired to the earth terminal.

GM9010

MD9014

For dimmer mounting kits see pages J80 and J82.



Dimmer Modules

GM9001 6A 2 Way Push On / Off (Non-Dimmable) Module
GM9010 1-10V Analogue Dimmer Module

The Click® dimming modules above are suitable for mounting next to each other using the appropriate mounting kit. Due to their physical size, they are not suitable to be mounted directly above each other.

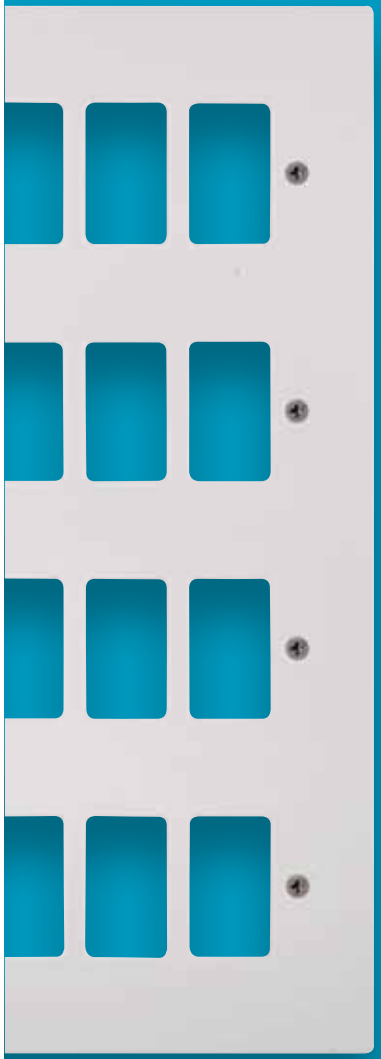
Dimmer Modules

MD9014 100W Dual Mode Dimmer Module with Trim (26.5 x 55mm)

Due to the reduced height, the MD9014 is suitable for mounting directly above each other.

**Standards:** BS EN 60669-1BS EN 55015 BS EN 61000-3-2 BS EN 61000-3-3
**9014:** BS EN 60669 BS EN 55015BS EN 61000 **9001:** BS EN 60669-1
**Back Box Depth (mm):** 25 (35 Flat Plate) **Cable Size (mm²):** 2 x 1.5
**Dimmer Type:** **9001:** None (On & Off Only) **9010:** Analogue **MD9014:** Trailing & Leading Edge





# GridPro® Frontplates

The GridPro® frontplates illustrated on the following pages are all unfurnished for easy and quick configuration with the required modules.

The new 1 - 24 gang frontplates designed for GridPro® are available from each of the existing Click® wiring accessory ranges.

These new additions to each range seamlessly match the range they belong to, including standard fixing centres allowing uniform alignment. All existing range finishes and warranties apply to the new GridPro® frontplates.

In continuing the consistency of the range for the new GridPro® frontplates, we have ensured all Mode® and Polar™ products maintain the urea material to ensure consistent aesthetics and colour matching throughout the range as well as keeping the antimicrobial properties these ranges are known for.

deco plus deco define definity MODE Part M Range™ polar essentials™

The Deco Plus® range is a premium decorative metal range of wiring accessories, this range is available in eight different finishes to complement any room.

DPAB20401

DPBR20401

DPCH20401

DPSB20402

DPSC20402

DPSS20402

Accessory can be used with standard BS4662 Back Boxes.

### Deco Plus® 1 Gang GridPro® Frontplates

| | |
|---|---|
| DPAB20401 | 1 Gang GridPro® Frontplate - Antique Brass |
| DPBN20401 | 1 Gang GridPro® Frontplate - Black Nickel |
| DPBR20401 | 1 Gang GridPro® Frontplate - Polished Brass |
| DPCH20401 | 1 Gang GridPro® Frontplate - Polished Chrome |
| DPSB20401 | 1 Gang GridPro® Frontplate - Satin Brass |
| DPSC20401 | 1 Gang GridPro® Frontplate - Satin Chrome |
| DPSS20401 | 1 Gang GridPro® Frontplate - Stainless Steel |
| DPMB20401 | 1 Gang GridPro® Frontplate - Matt Black |

### Deco Plus® 2 Gang GridPro® Frontplates

| | |
|---|---|
| DPAB20402 | 2 Gang GridPro® Frontplate - Antique Brass |
| DPBN20402 | 2 Gang GridPro® Frontplate - Black Nickel |
| DPBR20402 | 2 Gang GridPro® Frontplate - Polished Brass |
| DPCH20402 | 2 Gang GridPro® Frontplate - Polished Chrome |
| DPSB20402 | 2 Gang GridPro® Frontplate - Satin Brass |
| DPSC20402 | 2 Gang GridPro® Frontplate - Satin Chrome |
| DPSS20402 | 2 Gang GridPro® Frontplate - Stainless Steel |
| DPMB20402 | 2 Gang GridPro® Frontplate - Matt Black |

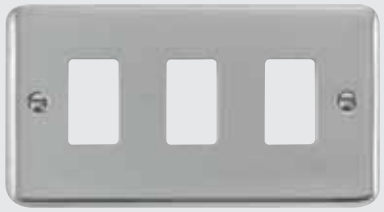
SCREW-IN MODULES

NO YOKE

STANDARD BACK BOX

**Standards:** BS 5733
**Back Box Depth (mm):** 25
**Dimensions (mm):** 88 (W) x 88 (H) x 8 (D)

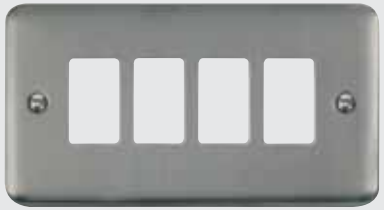
**Understanding the code:**
**DP** - Plate Style **BN** - Plate Finish **20401** - Product No.
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **BN** Black Nickel, **SS** Stainless Steel, **MB** Matt Black.



DPCH20403

DPBN20403

DPSB20404



DPSS20404

deco PLUS

Accessory can be used with standard BS4662 Back Boxes.

## Deco Plus® 3 Gang GridPro® Frontplates

| | |
|---|---|
| DPAB20403 | 3 Gang GridPro® Frontplate - Antique Brass |
| DPBN20403 | 3 Gang GridPro® Frontplate - Black Nickel |
| DPBR20403 | 3 Gang GridPro® Frontplate - Polished Brass |
| DPCH20403 | 3 Gang GridPro® Frontplate - Polished Chrome |
| DPSB20403 | 3 Gang GridPro® Frontplate - Satin Brass |
| DPSC20403 | 3 Gang GridPro® Frontplate - Satin Chrome |
| DPSS20403 | 3 Gang GridPro® Frontplate - Stainless Steel |
| DPMB20403 | 3 Gang GridPro® Frontplate - Matt Black |

## Deco Plus® 4 Gang GridPro® Frontplates

| | |
|---|---|
| DPAB20404 | 4 Gang GridPro® Frontplate - Antique Brass |
| DPBN20404 | 4 Gang GridPro® Frontplate - Black Nickel |
| DPBR20404 | 4 Gang GridPro® Frontplate - Polished Brass |
| DPCH20404 | 4 Gang GridPro® Frontplate - Polished Chrome |
| DPSB20404 | 4 Gang GridPro® Frontplate - Satin Brass |
| DPSC20404 | 4 Gang GridPro® Frontplate - Satin Chrome |
| DPSS20404 | 4 Gang GridPro® Frontplate - Stainless Steel |
| DPMB20404 | 4 Gang GridPro® Frontplate - Matt Black |

SCREW-IN MODULES

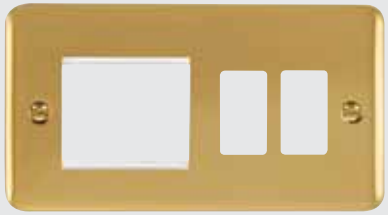
NO YOKE

STANDARD BACK BOX

**Standards:** BS 5733
**Back Box Depth (mm):** 25
**Dimensions (mm):** 146 (W) x 88 (H) x 8 (D)

**Understanding the code:**
**DP** - Plate Style **BN** - Plate Finish **20401** - Product No.
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **BN** Black Nickel, **SS** Stainless Steel, **MB** Matt Black.

DPAB31102



DPBR31102

DPCH31102

DPSS31102

Accessory can be used with standard BS4662 Back Boxes.

deco PLUS

## Deco Plus® Hotel Accessory GridPro® Frontplates

| | |
|---|---|
| DPAB31102 | Hotel Accessory Plate - 2 Gang Gridpro® Frontplate With Twin New Media Aperture - Antique Brass |
| DPBN31102 | Hotel Accessory Plate - 2 Gang Gridpro® Frontplate With Twin New Media Aperture - Black Nickel |
| DPBR31102 | Hotel Accessory Plate - 2 Gang Gridpro® Frontplate With Twin New Media Aperture - Polished Brass |
| DPCH31102 | Hotel Accessory Plate - 2 Gang Gridpro® Frontplate With Twin New Media Aperture - Polished Chrome |
| DPSB31102 | Hotel Accessory Plate - 2 Gang Gridpro® Frontplate With Twin New Media Aperture - Satin Brass |
| DPSC31102 | Hotel Accessory Plate - 2 Gang Gridpro® Frontplate With Twin New Media Aperture - Satin Chrome |
| DPSS31102 | Hotel Accessory Plate - 2 Gang Gridpro® Frontplate With Twin New Media Aperture - Stainless Steel |
| DPMB31102 | Hotel Accessory Plate - 2 Gang Gridpro® Frontplate With Twin New Media Aperture - Matt Black |

new media™

See our dedicated New Media™ section for more information on the range of New Media™ modules available.

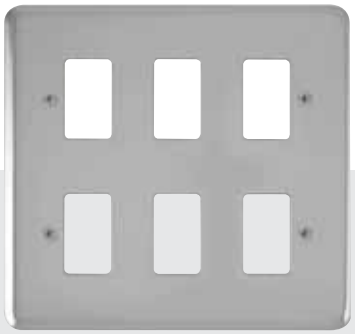
SCREW-IN MODULES

NO YOKE

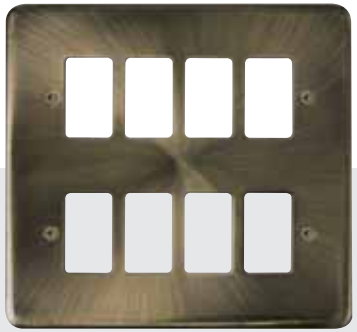
STANDARD BACK BOX

**Standards:** BS 5733
**Back Box Depth (mm):** Dependent On Modules Fitted
**Dimensions (mm):** 146 (W) x 88 (H) x 8 (D)

**Understanding the code:**
**DP** - Plate Style **BN** - Plate Finish **20401** - Product No.
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **BN** Black Nickel, **SS** Stainless Steel, **MB** Matt Black.



DPCH20506



DPAB20508

Requires 2 x GR20400 Yokes.
Compatible with Back Box WA512.
For more information on Back Boxes and Yokes see from page J145.

### Deco Plus® 6 Gang GridPro® Frontplates

| | |
|---|---|
| DPAB20506 | 6 Gang GridPro® Frontplate - Antique Brass |
| DPBN20506 | 6 Gang GridPro® Frontplate - Black Nickel |
| DPBR20506 | 6 Gang GridPro® Frontplate - Polished Brass |
| DPCH20506 | 6 Gang GridPro® Frontplate - Polished Chrome |
| DPSB20506 | 6 Gang GridPro® Frontplate - Satin Brass |
| DPSC20506 | 6 Gang GridPro® Frontplate - Satin Chrome |
| DPSS20506 | 6 Gang GridPro® Frontplate - Stainless Steel |
| DPMB20506 | 6 Gang GridPro® Frontplate - Matt Black |

### Deco Plus® 8 Gang GridPro® Frontplates

| | |
|---|---|
| DPAB20508 | 8 Gang GridPro® Frontplate - Antique Brass |
| DPBN20508 | 8 Gang GridPro® Frontplate - Black Nickel |
| DPBR20508 | 8 Gang GridPro® Frontplate - Polished Brass |
| DPCH20508 | 8 Gang GridPro® Frontplate - Polished Chrome |
| DPSB20508 | 8 Gang GridPro® Frontplate - Satin Brass |
| DPSC20508 | 8 Gang GridPro® Frontplate - Satin Chrome |
| DPSS20508 | 8 Gang GridPro® Frontplate - Stainless Steel |
| DPMB20508 | 8 Gang GridPro® Frontplate - Matt Black |

CLIP-ON MODULES

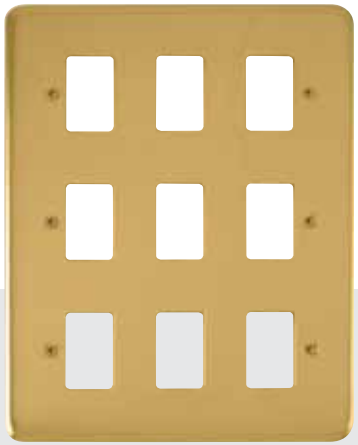
WITH TABS FITTING ON BACK BOX SURFACE

**Standards:** BS 5733
**Back Box Depth (mm):** 47
**Dimensions (mm):** 148 (W) x 148 (H) x 8 (D)

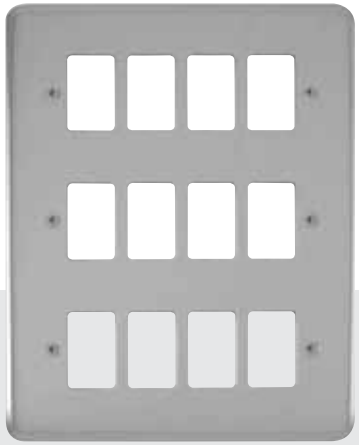
**Understanding the code:**
**DP** - Plate Style **BN** - Plate Finish **20401** - Product No.
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **BN** Black Nickel, **SS** Stainless Steel, **MB** Matt Black.







DPBR20509



DPCH20512

Requires 3 x GR20400 Yokes.
Compatible with Back Box WA518.
For more information on Back Boxes and Yokes see from page J145.

### Deco Plus® 9 Gang GridPro® Frontplates

| | |
|---|---|
| DPAB20509 | 9 Gang GridPro® Frontplate - Antique Brass |
| DPBN20509 | 9 Gang GridPro® Frontplate - Black Nickel |
| DPBR20509 | 9 Gang GridPro® Frontplate - Polished Brass |
| DPCH20509 | 9 Gang GridPro® Frontplate - Polished Chrome |
| DPSB20509 | 9 Gang GridPro® Frontplate - Satin Brass |
| DPSC20509 | 9 Gang GridPro® Frontplate - Satin Chrome |
| DPSS20509 | 9 Gang GridPro® Frontplate - Stainless Steel |
| DPMB20509 | 9 Gang GridPro® Frontplate - Matt Black |

### Deco Plus® 12 Gang GridPro® Frontplates

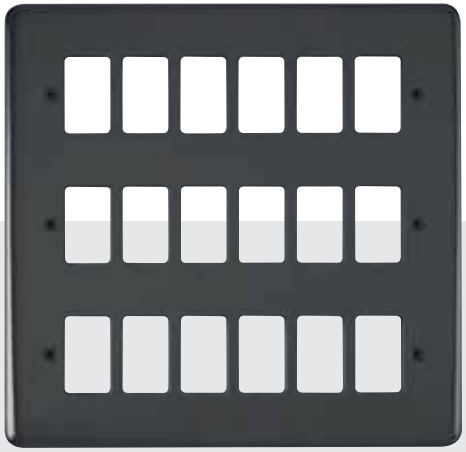
| | |
|---|---|
| DPAB20512 | 12 Gang GridPro® Frontplate - Antique Brass |
| DPBN20512 | 12 Gang GridPro® Frontplate - Black Nickel |
| DPBR20512 | 12 Gang GridPro® Frontplate - Polished Brass |
| DPCH20512 | 12 Gang GridPro® Frontplate - Polished Chrome |
| DPSB20512 | 12 Gang GridPro® Frontplate - Satin Brass |
| DPSC20512 | 12 Gang GridPro® Frontplate - Satin Chrome |
| DPSS20512 | 12 Gang GridPro® Frontplate - Stainless Steel |
| DPMB20512 | 12 Gang GridPro® Frontplate - Matt Black |

CLIP-ON MODULES

WITH TABS FITTING ON BACK BOX SURFACE

**Standards:** BS 5733
**Back Box Depth (mm):** 47
**Dimensions (mm):** 148 (W) x 207 (H) x 8 (D)

**Understanding the code:**
**DP** - Plate Style **BN** - Plate Finish **20401** - Product No.
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **BN** Black Nickel, **SS** Stainless Steel, **MB** Matt Black.



DPBN20518

Requires 3 x GR20600 Yokes.
Compatible with Back Box WA20518.
For more information on Back Boxes and Yokes see from page J145.

### Deco Plus® 18 Gang GridPro® Frontplates

| | |
|---|---|
| DPAB20518 | 18 Gang GridPro® Frontplate - Antique Brass |
| DPBN20518 | 18 Gang GridPro® Frontplate - Black Nickel |
| DPBR20518 | 18 Gang GridPro® Frontplate - Polished Brass |
| DPCH20518 | 18 Gang GridPro® Frontplate - Polished Chrome |
| DPSB20518 | 18 Gang GridPro® Frontplate - Satin Brass |
| DPSC20518 | 18 Gang GridPro® Frontplate - Satin Chrome |
| DPSS20518 | 18 Gang GridPro® Frontplate - Stainless Steel |
| DPMB20518 | 18 Gang GridPro® Frontplate - Matt Black |

CLIP-ON MODULES

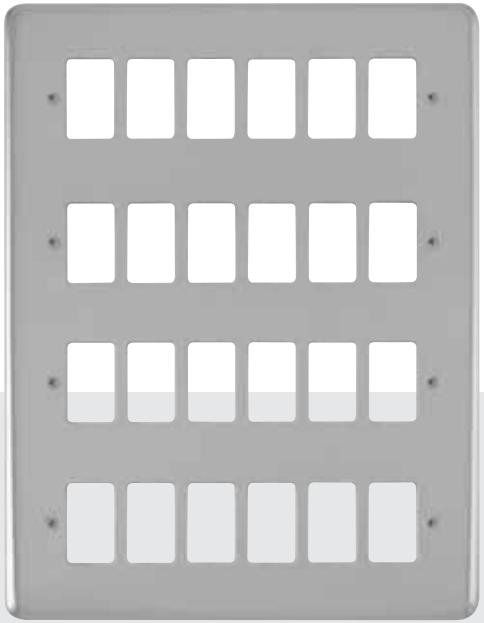
WITH TABS FITTING ON BACK BOX SURFACE

**Standards:** BS 5733
**Back Box Depth (mm):** 56
**Dimensions (mm):** 198 (W) x 207 (H) x 8 (D)

**Understanding the code:**
**DP** - Plate Style **BN** - Plate Finish **20401** - Product No.
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **BN** Black Nickel, **SS** Stainless Steel, **MB** Matt Black.







DPCH20524

Requires 4 x GR20600 Yokes.
Compatible with Back Box WA20524.
For more information on Back Boxes and Yokes see from page J145.

### Deco Plus® 24 Gang GridPro® Frontplates

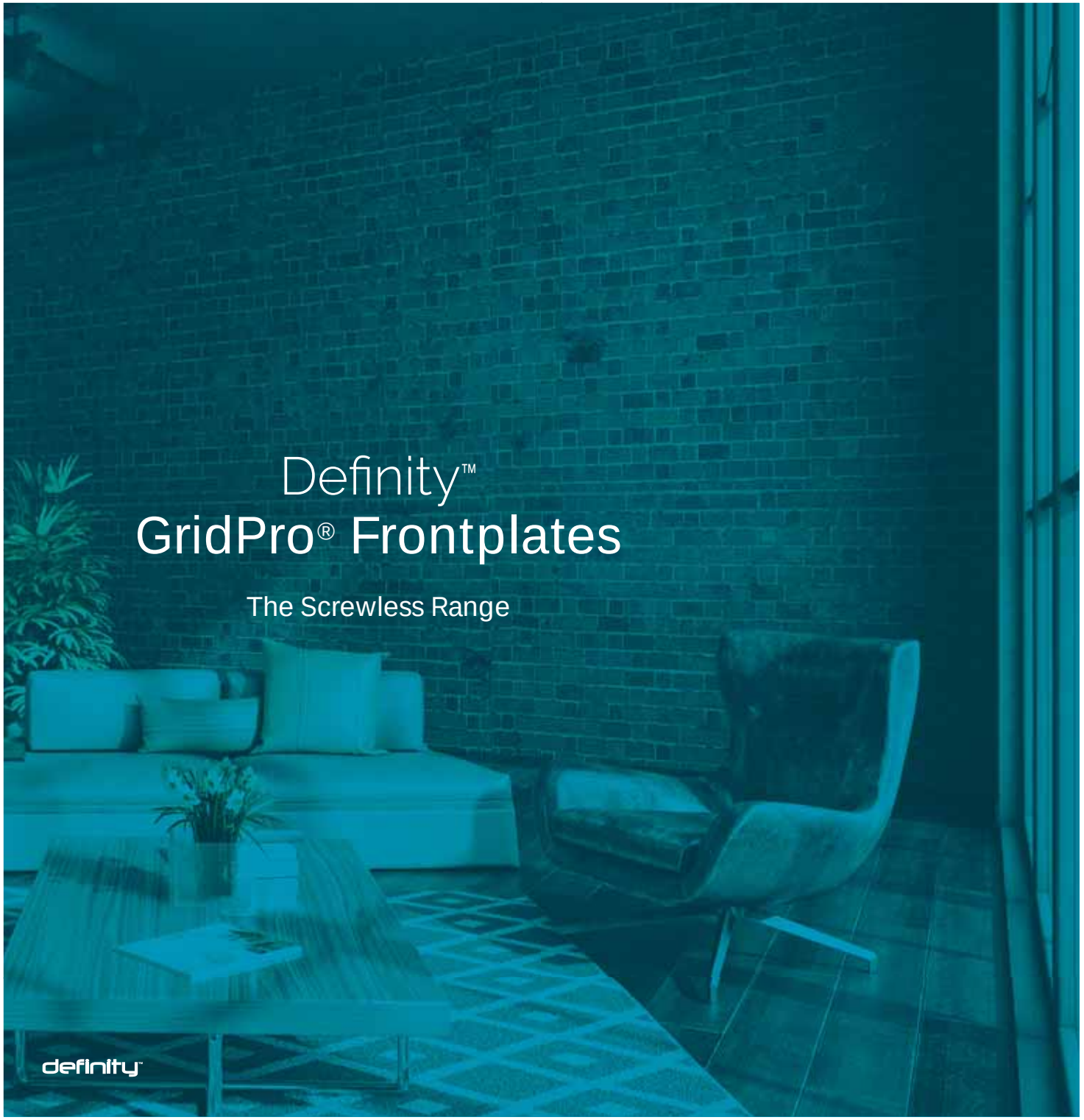
| | |
|---|---|
| DPAB20524 | 24 Gang GridPro® Frontplate - Antique Brass |
| DPBN20524 | 24 Gang GridPro® Frontplate - Black Nickel |
| DPBR20524 | 24 Gang GridPro® Frontplate - Polished Brass |
| DPCH20524 | 24 Gang GridPro® Frontplate - Polished Chrome |
| DPSB20524 | 24 Gang GridPro® Frontplate - Satin Brass |
| DPSC20524 | 24 Gang GridPro® Frontplate - Satin Chrome |
| DPSS20524 | 24 Gang GridPro® Frontplate - Stainless Steel |
| DPMB20524 | 24 Gang GridPro® Frontplate - Matt Black |

CLIP-ON MODULES

WITH TABS FITTING ON BACK BOX SURFACE

**Standards:** BS 5733
**Back Box Depth (mm):** 56
**Dimensions (mm):** 198 (W) x 268 (H) x 8 (D)

**Understanding the code:**
**DP** - Plate Style **BN** - Plate Finish **20401** - Product No.
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **BN** Black Nickel, **SS** Stainless Steel, **MB** Matt Black.

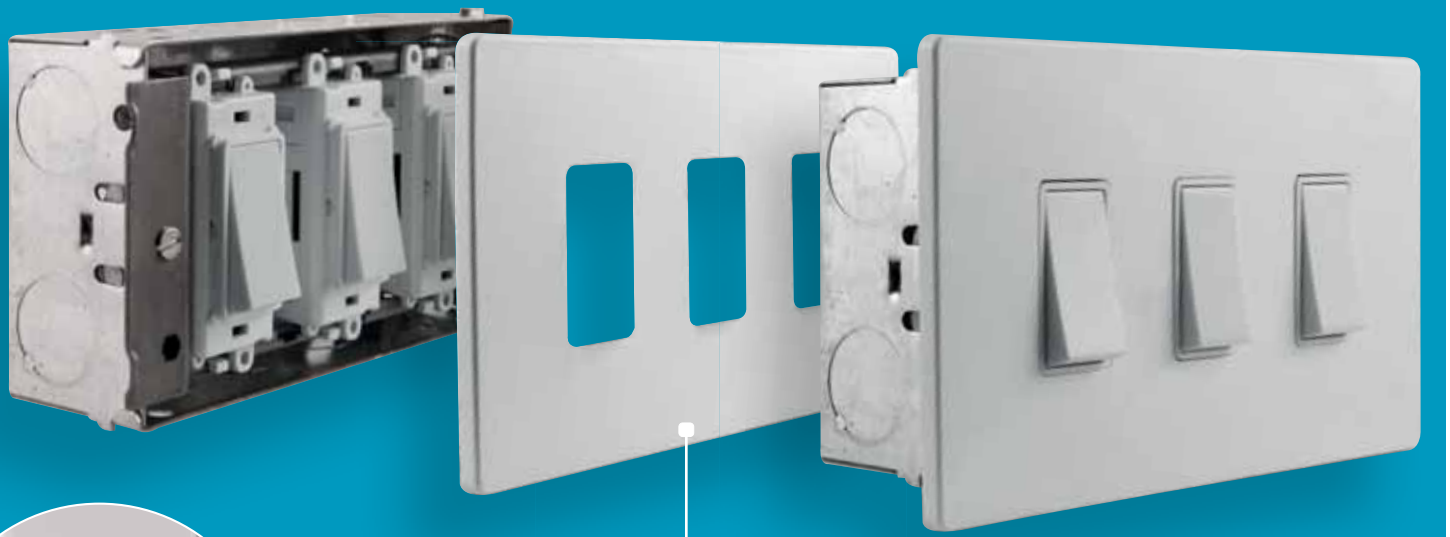



Screwless, push-fit frontplates in 7 assorted finishes, the ultimate finishing touch.
The frontplates are supplied independently of the inserts which means that the initial installation of the product can be carried out and any subsequent decoration or maintenance completed before the final selection and fixing of the frontplate.

# Definity™ Assembly

1. Fit and secure appropriate back box and insert, pull cable through insert and strip insulation accordingly.
   Ensure an earth connection between frame and insert (if required).

CLIP-ON MODULES



2. Systematically terminate cables into each module.
   Clip the modules into a designated Definity™ insert with a pivot motion.

3. Clip the Definity™ GridPro® frontplate directly to insert.

definity™

SCP20401CH

SCP20401BK

SCP20402BS

SCP20402SS

Requires designated insert.
Accessory can be used with standard BS4662 Back Boxes.

definity™

The Definity™ GridPro® frontplates on this page require the designated 1 and 2 module insert shown below.

SIN20200

### Definity™ 1 Gang GridPro® Frontplates

| | |
|---|---|
| SCP20401AB | 1 Gang GridPro® Frontplate - Antique Brass |
| SCP20401BK | 1 Gang GridPro® Frontplate - Matt Black |
| SCP20401BS | 1 Gang GridPro® Frontplate - Brushed Stainless |
| SCP20401CH | 1 Gang GridPro® Frontplate - Polished Chrome |
| SCP20401PW | 1 Gang GridPro® Frontplate - White |
| SCP20401SS | 1 Gang GridPro® Frontplate - Stainless Steel |
| SCP20401MW | 1 Gang GridPro® Frontplate - Metal White |
| SCP20401MB | 1 Gang GridPro® Frontplate - Metal Black |

### Definity™ 2 Gang GridPro® Frontplates

| | |
|---|---|
| SCP20402AB | 2 Gang GridPro® Frontplate - Antique Brass |
| SCP20402BK | 2 Gang GridPro® Frontplate - Matt Black |
| SCP20402BS | 2 Gang GridPro® Frontplate - Brushed Stainless |
| SCP20402CH | 2 Gang GridPro® Frontplate - Polished Chrome |
| SCP20402PW | 2 Gang GridPro® Frontplate - White |
| SCP20402SS | 2 Gang GridPro® Frontplate - Stainless Steel |
| SCP20402MW | 2 Gang GridPro® Frontplate - Metal White |
| SCP20402MB | 2 Gang GridPro® Frontplate - Metal Black |

### Definity™ Module Insert

| | |
|---|---|
| SIN20200 | 1 & 2 GridPro® Module Insert |

CLIP-ON MODULES

NO YOKE

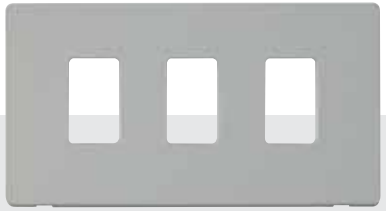
STANDARD BACK BOX

**Standards:** BS 5733
**Back Box Depth (mm):** Dependent on Modules Fitted
**Dimensions (mm):** 86 (W) x 86 (H) x 4 (D) **20200:** 82 (W) x 60 (H) x 8 (D)

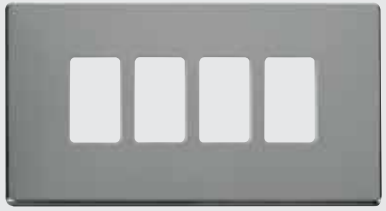
**Understanding the code:**
**SCP** - Plate Style **20401** - Product No. **CH** - Plate Finish
**AB** Antique Brass **CH** Polished Chrome **BS** Brushed Stainless **SS** Stainless Steel **BK** Matt Black **PW** White **MW** Metal White **MB** Metal Black







SCP20403PW



SCP20404CH

Requires designated insert.
Accessory can be used with standard BS4662 Back Boxes.

definity™

The Definity™ GridPro® frontplates on this page require the designated 3 and 4 module insert shown below.

SIN20400

### Definity™ 3 Gang GridPro® Frontplates

| | |
|---|---|
| SCP20403AB | 3 Gang GridPro® Frontplate - Antique Brass |
| SCP20403BK | 3 Gang GridPro® Frontplate - Matt Black |
| SCP20403BS | 3 Gang GridPro® Frontplate - Brushed Stainless |
| SCP20403CH | 3 Gang GridPro® Frontplate - Polished Chrome |
| SCP20403PW | 3 Gang GridPro® Frontplate - White |
| SCP20403SS | 3 Gang GridPro® Frontplate - Stainless Steel |
| SCP20403MW | 3 Gang GridPro® Frontplate - Metal White |
| SCP20403MB | 3 Gang GridPro® Frontplate - Metal Black |

### Definity™ 4 Gang GridPro® Frontplates

| | |
|---|---|
| SCP20404AB | 4 Gang GridPro® Frontplate - Antique Brass |
| SCP20404BK | 4 Gang GridPro® Frontplate - Matt Black |
| SCP20404BS | 4 Gang GridPro® Frontplate - Brushed Stainless |
| SCP20404CH | 4 Gang GridPro® Frontplate - Polished Chrome |
| SCP20404PW | 4 Gang GridPro® Frontplate - White |
| SCP20404SS | 4 Gang GridPro® Frontplate - Stainless Steel |
| SCP20404MW | 4 Gang GridPro® Frontplate - Metal White |
| SCP20404MB | 4 Gang GridPro® Frontplate - Metal Black |

### Definity™ Module Insert

| | |
|---|---|
| SIN20400 | 3 & 4 GridPro® Module Insert |

CLIP-ON MODULES

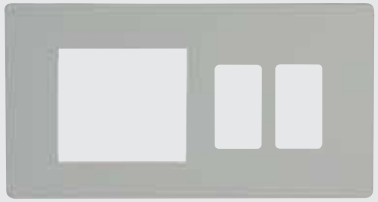
NO YOKE

STANDARD BACK BOX

**Standards:** BS 5733
**Back Box Depth (mm):** Dependent on Modules Fitted
**Dimensions (mm):** 146 (W) x 86 (H) x 4 (D)

**Understanding the code:**
**SCP** - Plate Style **20403** - Product No. **CH** - Plate Finish
**AB** Antique Brass **CH** Polished Chrome **BS** Brushed Stainless **SS** Stainless Steel **BK** Matt Black **PW** White **MW** Metal White **MB** Metal Black

SCP31102BS

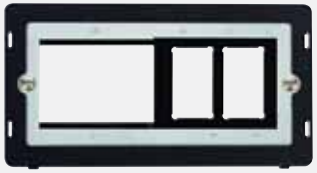


SCP31102PW

Requires designated insert.
Compatible with Back Box WA512.
For more information on Back Boxes see from page J145.

definity™

The Definity™ GridPro® frontplates on this page require the designated Hotel Accessory module insert shown below.



SIN31102

Definity™ Hotel Accessory GridPro® Frontplates

| | |
|---|---|
| SCP31102AB | Hotel Accessory Plate - 2 Gang Gridpro® Frontplate With Twin New Media Aperture Cover Plate - Antique Brass |
| SCP31102BK | Hotel Accessory Plate - 2 Gang Gridpro® Frontplate With Twin New Media Aperture Cover Plate - Matt Black |
| SCP31102BS | Hotel Accessory Plate - 2 Gang Gridpro® Frontplate With Twin New Media Aperture Cover Plate - Brushed Stainless |
| SCP31102CH | Hotel Accessory Plate - 2 Gang Gridpro® Frontplate With Twin New Media Aperture Cover Plate - Polished Chrome |
| SCP31102PW | Hotel Accessory Plate - 2 Gang Gridpro® Frontplate With Twin New Media Aperture Cover Plate - White |
| SCP31102SS | Hotel Accessory Plate - 2 Gang Gridpro® Frontplate With Twin New Media Aperture Cover Plate - Stainless Steel |
| SCP31102MW | Hotel Accessory Plate - 2 Gang Gridpro® Frontplate With Twin New Media Aperture Cover Plate - Metal White |
| SCP31102MB | Hotel Accessory Plate - 2 Gang Gridpro® Frontplate With Twin New Media Aperture Cover Plate - Metal Black |

Definity™ Hotel Accessory GridPro® Insert

| | |
|---|---|
| SIN31102BK | Hotel Accessory Plate - 2 Gang Gridpro® Frontplate With Twin New Media Aperture Insert |

CLIP-ON MODULES

NO YOKE

STANDARD BACK BOX

new media™

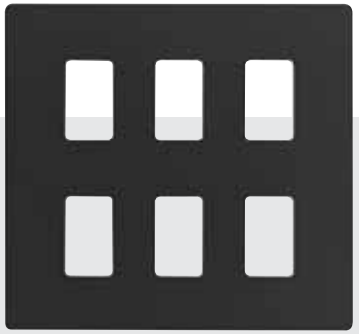
See our dedicated New Media™ section for more information on the range of modules available.

**Standards:** BS 5733
**Back Box Depth (mm):** Dependent On Modules Fitted
**Dimensions (mm):** 146 (W) x 86 (H) x 4 (D)

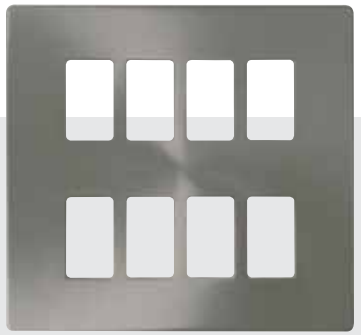
**Understanding the code:**
**SCP** - Plate Style **31102** - Product No. **CH** - Plate Finish
**AB** Antique Brass **CH** Polished Chrome **BS** Brushed Stainless **SS** Stainless Steel **BK** Matt Black **PW** White **MW** Metal White **MB** Metal Black







SCP20506BK



SCP20508BS

Requires designated insert.
Accessory can be used with standard BS4662 Back Boxes.

definity™

The Definity™ GridPro® frontplates on this page require the designated 3 and 4 module insert shown here.

SIN20400

Definity™ 6 Gang GridPro® Frontplates

| | |
|---|---|
| SCP20506AB | 6 Gang GridPro® Frontplate - Antique Brass |
| SCP20506BK | 6 Gang GridPro® Frontplate - Matt Black |
| SCP20506BS | 6 Gang GridPro® Frontplate - Brushed Stainless |
| SCP20506CH | 6 Gang GridPro® Frontplate - Polished Chrome |
| SCP20506PW | 6 Gang GridPro® Frontplate - White |
| SCP20506SS | 6 Gang GridPro® Frontplate - Stainless Steel |
| SCP20506MW | 6 Gang GridPro® Frontplate - Metal White |
| SCP20506MB | 6 Gang GridPro® Frontplate - Metal Black |

Definity™ 8 Gang GridPro® Frontplates

| | |
|---|---|
| SCP20508AB | 8 Gang GridPro® Frontplate - Antique Brass |
| SCP20508BK | 8 Gang GridPro® Frontplate - Matt Black |
| SCP20508BS | 8 Gang GridPro® Frontplate - Brushed Stainless |
| SCP20508CH | 8 Gang GridPro® Frontplate - Polished Chrome |
| SCP20508PW | 8 Gang GridPro® Frontplate - White |
| SCP20508SS | 8 Gang GridPro® Frontplate - Stainless Steel |
| SCP20508MW | 8 Gang GridPro® Frontplate - Metal White |
| SCP20508MB | 8 Gang GridPro® Frontplate - Metal Black |

Definity™ Module Insert

| | |
|---|---|
| SIN20400 | 3 & 4 GridPro® Module Insert |

CLIP-ON MODULES

NO YOKE

**Standards:** BS 5733
**Back Box Depth (mm):** Dependent on Modules Fitted
**Dimensions (mm):** 146 (W) x 146 (H) x 4 (D) **20400:** 142 (W) x 60 (H) x 8 (D)

**Understanding the code:**
**SCP** - Plate Style **20401** - Product No. **CH** - Plate Finish
**AB** Antique Brass **CH** Polished Chrome **BS** Brushed Stainless **SS** Stainless Steel **BK** Matt Black **PW** White **MW** Metal White **MB** Metal Black

The Define® flat plate range of accessories offers up a host of new design opportunities with a comprehensive range of electrical accessory products available in 5 different decorative plate finishes.

# Fully Adjustable Assembly

essentials™ define®

CLIP-ON MODULES

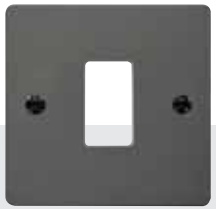
1. Fit and secure appropriate back box and yoke with tabs removed.
   Pull the cable through yoke and strip insulation accordingly.
   Ensure an earth connection between frame and yoke (if required).
   The fixing screws are backed off to allow adjustment for yoke.

2. Systematically terminate cables into each module. Clip modules into yoke with a pivot motion.

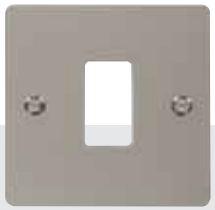
3. Attach the frontplate using the fixing screws provided. The yokes containing the modules sit behind the frontplate until the captive fixing screws tighten up and pull them forward into place.

4. The position of the frontplate in relation to the wall can be adjusted by the captive fixing screws. If the back box is not recessed level with the wall then the yoke will adjust so that the frontplate mounts flush to the wall.

To accommodate Metal Clad and Define® frontplates there is an adjustment in the yoke feature.

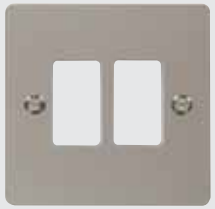

FPBN20401

FPCH20401


FPPN20401

FPBS20402

FPSS20402


FPPN20402

define®

Accessory can be used with standard BS4662 Back Boxes.

### Define® 1 Gang GridPro® Frontplates

| | |
|---|---|
| FPBN20401 | 1 Gang GridPro® Frontplate - Black Nickel |
| FPBS20401 | 1 Gang GridPro® Frontplate - Brushed Stainless |
| FPCH20401 | 1 Gang GridPro® Frontplate - Polished Chrome |
| FPPN20401 | 1 Gang GridPro® Frontplate - Pearl Nickel |
| FPSS20401 | 1 Gang GridPro® Frontplate - Stainless Steel |

### Define® 2 Gang GridPro® Frontplates

| | |
|---|---|
| FPBN20402 | 2 Gang GridPro® Frontplate - Black Nickel |
| FPBS20402 | 2 Gang GridPro® Frontplate - Brushed Stainless |
| FPCH20402 | 2 Gang GridPro® Frontplate - Polished Chrome |
| FPPN20402 | 2 Gang GridPro® Frontplate - Pearl Nickel |
| FPSS20402 | 2 Gang GridPro® Frontplate - Stainless Steel |

SCREW-IN MODULES

NO YOKE

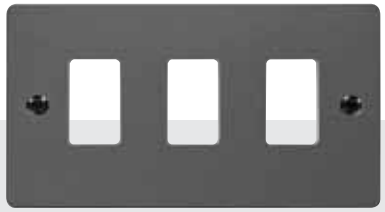
STANDARD BACK BOX

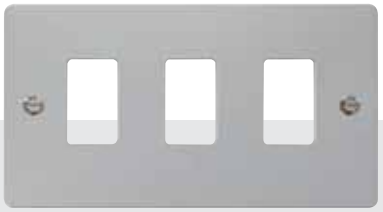
**Standards:** BS 5733
**Back Box Depth (mm):** 35
**Dimensions (mm):** 86 (W) x 86 (H) x 1.3 (D)

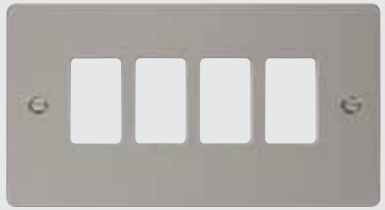
**Understanding the code:**
**FP** - Plate Style **BN** - Plate Finish **20401** - Product No.
**CH** Polished Chrome, **BN** Black Nickel, **PN** Pearl Nickel, **BS** Brushed Stainless, **SS** Stainless Steel.

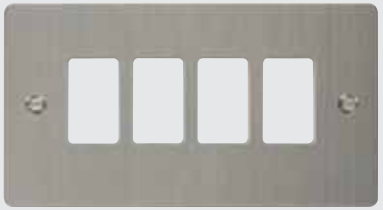





FPBN20403


FPCH20403


FPPN20404


FPSS20404

Accessory can be used with standard BS4662 Back Boxes.

define®

### Define® 3 Gang GridPro® Frontplates

| | |
|---|---|
| FPBN20403 | 3 Gang GridPro® Frontplate - Black Nickel |
| FPBS20403 | 3 Gang GridPro® Frontplate - Brushed Stainless |
| FPCH20403 | 3 Gang GridPro® Frontplate - Polished Chrome |
| FPPN20403 | 3 Gang GridPro® Frontplate - Pearl Nickel |
| FPSS20403 | 3 Gang GridPro® Frontplate - Stainless Steel |

### Define® 4 Gang GridPro® Frontplates

| | |
|---|---|
| FPBN20404 | 4 Gang GridPro® Frontplate - Black Nickel |
| FPBS20404 | 4 Gang GridPro® Frontplate - Brushed Stainless |
| FPCH20404 | 4 Gang GridPro® Frontplate - Polished Chrome |
| FPPN20404 | 4 Gang GridPro® Frontplate - Pearl Nickel |
| FPSS20404 | 4 Gang GridPro® Frontplate - Stainless Steel |

SCREW-IN MODULES

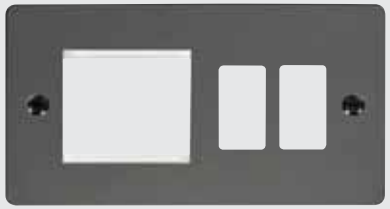
NO YOKE

STANDARD BACK BOX

**Standards:** BS 5733
**Back Box Depth (mm):** 35
**Dimensions (mm):** 146 (W) x 88 (H) x 1.3 (D)

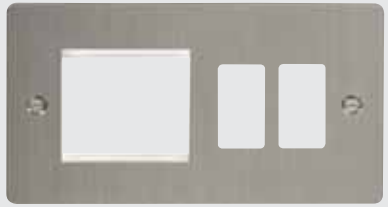
**Understanding the code:**
**FP** - Plate Style **BN** - Plate Finish **20404** - Product No.
**CH** Polished Chrome, **BN** Black Nickel, **PN** Pearl Nickel, **BS** Brushed Stainless, **SS** Stainless Steel.

FPCH31102



FPBN31102

FPBS31102



FPSS31102

define®

Accessory can be used with standard BS4662 Back Boxes.

Define® Hotel Accessory GridPro® Frontplates

| | |
|---|---|
| FPBN31102 | Hotel Accessory Plate - 2 Gang Gridpro® Frontplate With Twin New Media Aperture - Black Nickel |
| FPBS31102 | Hotel Accessory Plate - 2 Gang Gridpro® Frontplate With Twin New Media Aperture - Brushed Stainless |
| FPCH31102 | Hotel Accessory Plate - 2 Gang Gridpro® Frontplate With Twin New Media Aperture - Polished Chrome |
| FPPN31102 | Hotel Accessory Plate - 2 Gang Gridpro® Frontplate With Twin New Media Aperture - Pearl Nickel |
| FPSS31102 | Hotel Accessory Plate - 2 Gang Gridpro® Frontplate With Twin New Media Aperture - Stainless Steel |

SCREW-IN MODULES

NO YOKE

STANDARD BACK BOX

new media™

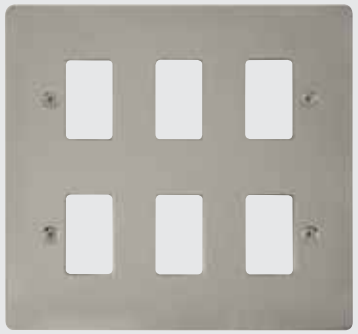
See our dedicated New Media™ section for more information on the range of New Media™ modules available.

**Standards:** BS 5733
**Back Box Depth (mm):** Dependent On Modules Fitted
**Dimensions (mm):** 146 (W) x 88 (H) x 1.3 (D)

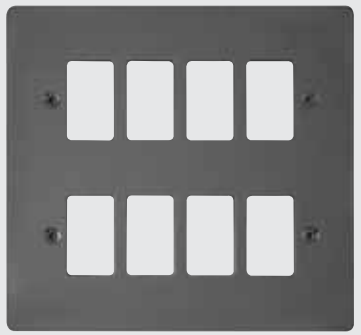
**Understanding the code:**
**FP** - Plate Style **BN** - Plate Finish **31102** - Product No.
**CH** Polished Chrome, **BN** Black Nickel, **PN** Pearl Nickel, **BS** Brushed Stainless, **SS** Stainless Steel.







FPPN20506



FPBN20508

Requires 2 x GR20400 Yokes.
Compatible with Back Box WA512.
For more information on Back Boxes and Yokes see from page J145.

define®

Define® 6 Gang GridPro® Frontplates

| | |
|---|---|
| FPBN20506 | 6 Gang GridPro® Frontplate - Black Nickel |
| FPBS20506 | 6 Gang GridPro® Frontplate - Brushed Stainless |
| FPCH20506 | 6 Gang GridPro® Frontplate - Polished Chrome |
| FPPN20506 | 6 Gang GridPro® Frontplate - Pearl Nickel |
| FPSS20506 | 6 Gang GridPro® Frontplate - Stainless Steel |

Define® 8 Gang GridPro® Frontplates

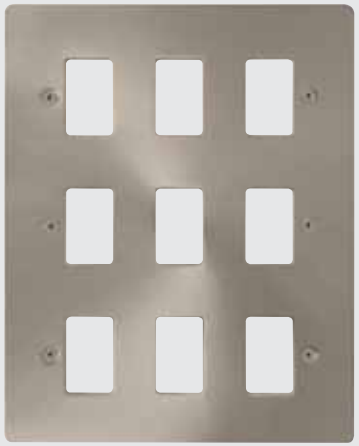
| | |
|---|---|
| FPBN20508 | 8 Gang GridPro® Frontplate - Black Nickel |
| FPBS20508 | 8 Gang GridPro® Frontplate - Brushed Stainless |
| FPCH20508 | 8 Gang GridPro® Frontplate - Polished Chrome |
| FPPN20508 | 8 Gang GridPro® Frontplate - Pearl Nickel |
| FPSS20508 | 8 Gang GridPro® Frontplate - Stainless Steel |

CLIP-ON MODULES

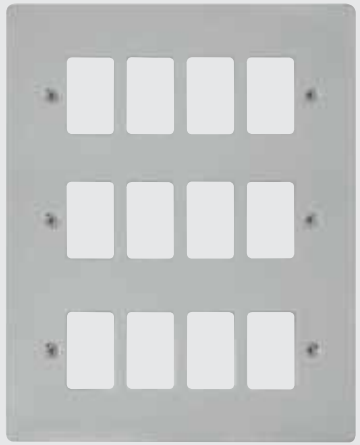
SNAP TABS FITTING INSIDE BACK BOX

**Standards:** BS 5733
**Back Box Depth (mm):** 47
**Dimensions (mm):** 148 (W) x 148 (H) x 1.3 (D)

**Understanding the code:**
**FP** - Plate Style **BN** - Plate Finish **20404** - Product No.
**CH** Polished Chrome, **BN** Black Nickel, **PN** Pearl Nickel, **BS** Brushed Stainless, **SS** Stainless Steel.



FPBS20509



FPCH20512

define®

Requires 3 x GR20400 Yokes.
Compatible with Back Box WA518.
For more information on Back Boxes and Yokes see from page J145.

### Define® 9 Gang GridPro® Frontplates

| | |
|---|---|
| FPBN20509 | 9 Gang GridPro® Frontplate - Black Nickel |
| FPBS20509 | 9 Gang GridPro® Frontplate - Brushed Stainless |
| FPCH20509 | 9 Gang GridPro® Frontplate - Polished Chrome |
| FPPN20509 | 9 Gang GridPro® Frontplate - Pearl Nickel |
| FPSS20509 | 9 Gang GridPro® Frontplate - Stainless Steel |

### Define® 12 Gang GridPro® Frontplates

| | |
|---|---|
| FPBN20512 | 12 Gang GridPro® Frontplate - Black Nickel |
| FPBS20512 | 12 Gang GridPro® Frontplate - Brushed Stainless |
| FPCH20512 | 12 Gang GridPro® Frontplate - Polished Chrome |
| FPPN20512 | 12 Gang GridPro® Frontplate - Pearl Nickel |
| FPSS20512 | 12 Gang GridPro® Frontplate - Stainless Steel |

CLIP-ON MODULES

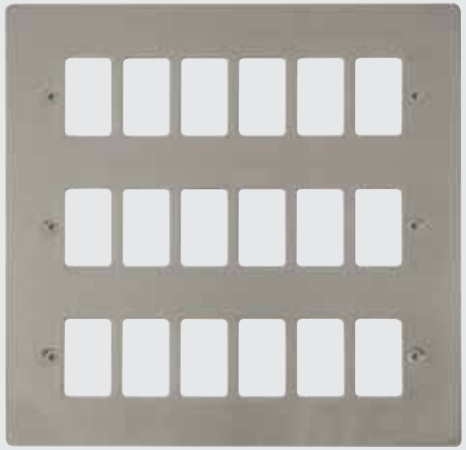
SNAP TABS FITTING INSIDE BACK BOX

**Standards:** BS 5733
**Back Box Depth (mm):** 47
**Dimensions (mm):** 148 (W) x 207 (H) x 1.3 (D)

**Understanding the code:**
**FP** - Plate Style **BN** - Plate Finish **20509** - Product No.
**CH** Polished Chrome, **BN** Black Nickel, **PN** Pearl Nickel, **BS** Brushed Stainless, **SS** Stainless Steel.







FPPN20518

Requires 3 x GR20600 Yokes.
Compatible with Back Box WA20518.
For more information on Back Boxes and Yokes see from page J145.

define®

### Define® 18 Gang GridPro® Frontplates

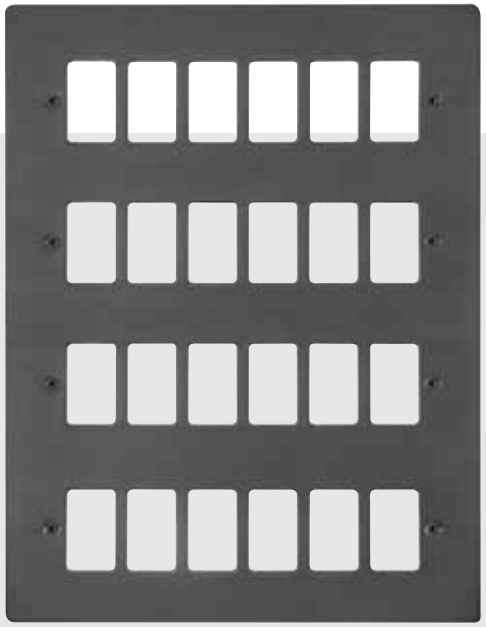
| | |
|---|---|
| FPBN20518 | 18 Gang GridPro® Frontplate - Black Nickel |
| FPBS20518 | 18 Gang GridPro® Frontplate - Brushed Stainless |
| FPCH20518 | 18 Gang GridPro® Frontplate - Polished Chrome |
| FPPN20518 | 18 Gang GridPro® Frontplate - Pearl Nickel |
| FPSS20518 | 18 Gang GridPro® Frontplate - Stainless Steel |

CLIP-ON MODULES

SNAP TABS FITTING INSIDE BACK BOX

**Standards:** BS 5733
**Back Box Depth (mm):** 56
**Dimensions (mm):** 198 (W) x 207 (H) x 1.3 (D)

**Understanding the code:**
**FP** - Plate Style **BN** - Plate Finish **20518** - Product No.
**CH** Polished Chrome, **BN** Black Nickel, **PN** Pearl Nickel, **BS** Brushed Stainless, **SS** Stainless Steel.



FPBN20524

define®

Requires 4 x GR20600 Yokes.
Compatible with Back Box WA20524.
For more information on Back Boxes and Yokes see from page J145.

Define® 24 Gang GridPro® Frontplates

| | |
|---|---|
| FPBN20524 | 24 Gang GridPro® Frontplate - Black Nickel |
| FPBS20524 | 24 Gang GridPro® Frontplate - Brushed Stainless |
| FPCH20524 | 24 Gang GridPro® Frontplate - Polished Chrome |
| FPPN20524 | 24 Gang GridPro® Frontplate - Pearl Nickel |
| FPSS20524 | 24 Gang GridPro® Frontplate - Stainless Steel |

CLIP-ON MODULES

SNAP TABS FITTING INSIDE BACK BOX

**Standards:** BS 5733
**Back Box Depth (mm):** 56
**Dimensions (mm):** 198 (W) x 268 (H) x 1.3 (D)

**Understanding the code:**
**FP** - Plate Style **BN** - Plate Finish **20518** - Product No.
**CH** Polished Chrome, **BN** Black Nickel, **PN** Pearl Nickel, **BS** Brushed Stainless, **SS** Stainless Steel.

Available in 9 finishes, a brand that is synonymous with high quality, long life, high specification and unprecedented value for money.

VPCH20401

VPSB20401

VPSS20401

VPPN20402

VPSC20402

VPBN20402

deco

Accessory can be used with standard BS4662 Back Boxes.

### Deco® 1 Gang GridPro® Frontplates

| | |
|---|---|
| VPAB20401 | 1 Gang GridPro® Frontplate - Antique Brass |
| VPBN20401 | 1 Gang GridPro® Frontplate - Black Nickel |
| VPBR20401 | 1 Gang GridPro® Frontplate - Polished Brass |
| VPCH20401 | 1 Gang GridPro® Frontplate - Polished Chrome |
| VPPN20401 | 1 Gang GridPro® Frontplate - Pearl Nickel |
| VPSB20401 | 1 Gang GridPro® Frontplate - Satin Brass |
| VPSC20401 | 1 Gang GridPro® Frontplate - Satin Chrome |
| VPSS20401 | 1 Gang GridPro® Frontplate - Stainless Steel |
| VPMB20401 | 1 Gang GridPro® Frontplate - Matt Black |

### Deco® 2 Gang GridPro® Frontplates

| | |
|---|---|
| VPAB20402 | 2 Gang GridPro® Frontplate - Antique Brass |
| VPBN20402 | 2 Gang GridPro® Frontplate - Black Nickel |
| VPBR20402 | 2 Gang GridPro® Frontplate - Polished Brass |
| VPCH20402 | 2 Gang GridPro® Frontplate - Polished Chrome |
| VPPN20402 | 2 Gang GridPro® Frontplate - Pearl Nickel |
| VPSB20402 | 2 Gang GridPro® Frontplate - Satin Brass |
| VPSC20402 | 2 Gang GridPro® Frontplate - Satin Chrome |
| VPSS20402 | 2 Gang GridPro® Frontplate - Stainless Steel |
| VPMB20402 | 2 Gang GridPro® Frontplate - Matt Black |

SCREW-IN MODULES

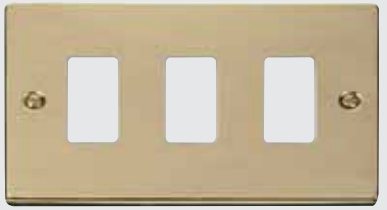
NO YOKE

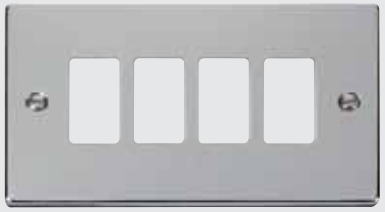
STANDARD BACK BOX

**Standards:** BS 5733
**Back Box Depth (mm):** 25
**Dimensions (mm):** 88 (W) x 88 (H) x 8 (D)

**Understanding the code:**
**VP** - Plate Style **BN** - Plate Finish **20401** - Product No.
**CH** Polished Chrome, **SC** Satin Chrome, **BR** Polished Brass, **BN** Black Nickel, **PN** Pearl Nickel, **AB** Antique Brass, **SB** Satin Brass, **SS** Stainless Steel, **MB** Matt Black.

VPBN20403


VPBR20403


VPCH20404

VPAB20404

Accessory can be used with standard BS4662 Back Boxes.

deco

### Deco® 3 Gang GridPro® Frontplates

| | |
|---|---|
| VPAB20403 | 3 Gang GridPro® Frontplate - Antique Brass |
| VPBN20403 | 3 Gang GridPro® Frontplate - Black Nickel |
| VPBR20403 | 3 Gang GridPro® Frontplate - Polished Brass |
| VPCH20403 | 3 Gang GridPro® Frontplate - Polished Chrome |
| VPPN20403 | 3 Gang GridPro® Frontplate - Pearl Nickel |
| VPSB20403 | 3 Gang GridPro® Frontplate - Satin Brass |
| VPSC20403 | 3 Gang GridPro® Frontplate - Satin Chrome |
| VPSS20403 | 3 Gang GridPro® Frontplate - Stainless Steel |
| VPMB20403 | 3 Gang GridPro® Frontplate - Matt Black |

### Deco® 4 Gang GridPro® Frontplates

| | |
|---|---|
| VPAB20404 | 4 Gang GridPro® Frontplate - Antique Brass |
| VPBN20404 | 4 Gang GridPro® Frontplate - Black Nickel |
| VPBR20404 | 4 Gang GridPro® Frontplate - Polished Brass |
| VPCH20404 | 4 Gang GridPro® Frontplate - Polished Chrome |
| VPPN20404 | 4 Gang GridPro® Frontplate - Pearl Nickel |
| VPSB20404 | 4 Gang GridPro® Frontplate - Satin Brass |
| VPSC20404 | 4 Gang GridPro® Frontplate - Satin Chrome |
| VPSS20404 | 4 Gang GridPro® Frontplate - Stainless Steel |
| VPMB20404 | 4 Gang GridPro® Frontplate - Matt Black |

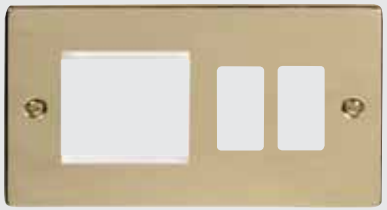
SCREW-IN MODULES

NO YOKE

STANDARD BACK BOX

**Standards:** BS 5733
**Back Box Depth (mm):** 25
**Dimensions (mm):** 146 (W) x 88 (H) x 8 (D)

**Understanding the code:**
**VP** - Plate Style **BN** - Plate Finish **20403** - Product No.
**CH** Polished Chrome, **SC** Satin Chrome, **BR** Polished Brass, **BN** Black Nickel, **PN** Pearl Nickel, **AB** Antique Brass, **SB** Satin Brass, **SS** Stainless Steel, **MB** Matt Black.



VPBR31102

VPSC31102

VPPN31102

VPAB31102

deco

Accessory can be used with standard BS4662 Back Boxes.

Deco® Hotel Accessory GridPro® Frontplates

| | |
|---|---|
| VPAB31102 | Hotel Accessory Plate - 2 Gang Gridpro® Frontplate With Twin New Media Aperture - Antique Brass |
| VPBN31102 | Hotel Accessory Plate - 2 Gang Gridpro® Frontplate With Twin New Media Aperture - Black Nickel |
| VPBR31102 | Hotel Accessory Plate - 2 Gang Gridpro® Frontplate With Twin New Media Aperture - Polished Brass |
| VPCH31102 | Hotel Accessory Plate - 2 Gang Gridpro® Frontplate With Twin New Media Aperture - Polished Chrome |
| VPPN31102 | Hotel Accessory Plate - 2 Gang Gridpro® Frontplate With Twin New Media Aperture - Pearl Nickel |
| VPSB31102 | Hotel Accessory Plate - 2 Gang Gridpro® Frontplate With Twin New Media Aperture - Satin Brass |
| VPSC31102 | Hotel Accessory Plate - 2 Gang Gridpro® Frontplate With Twin New Media Aperture - Satin Chrome |
| VPSS31102 | Hotel Accessory Plate - 2 Gang Gridpro® Frontplate With Twin New Media Aperture - Stainless Steel |
| VPMB31102 | Hotel Accessory Plate - 2 Gang Gridpro® Frontplate With Twin New Media Aperture - Matt Black |

SCREW-IN MODULES

NO YOKE

STANDARD BACK BOX

new media™

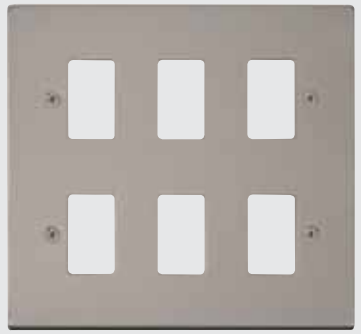
See our dedicated New Media™ section for more information on the range of New Media™ modules available.

**Standards:** BS 5733
**Back Box Depth (mm):** Dependent On Modules Fitted
**Dimensions (mm):** 146 (W) x 88 (H) x 8 (D)

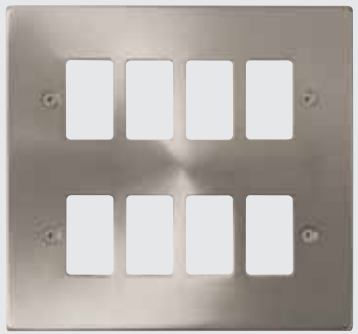
**Understanding the code:**
**VP** - Plate Style **BN** - Plate Finish **31102** - Product No.
**CH** Polished Chrome, **SC** Satin Chrome, **BR** Polished Brass, **BN** Black Nickel, **PN** Pearl Nickel, **AB** Antique Brass, **SB** Satin Brass, **SS** Stainless Steel, **MB** Matt Black.







VPPN20506



VPSC20508

Requires 2 x GR20400 Yokes.
Compatible with Back Box WA512.
For more information on Back Boxes and Yokes see from page J145.

deco

Deco® 6 Gang GridPro® Frontplates

| | |
|---|---|
| VPAB20506 | 6 Gang GridPro® Frontplate - Antique Brass |
| VPBN20506 | 6 Gang GridPro® Frontplate - Black Nickel |
| VPBR20506 | 6 Gang GridPro® Frontplate - Polished Brass |
| VPCH20506 | 6 Gang GridPro® Frontplate - Polished Chrome |
| VPPN20506 | 6 Gang GridPro® Frontplate - Pearl Nickel |
| VPSB20506 | 6 Gang GridPro® Frontplate - Satin Brass |
| VPSC20506 | 6 Gang GridPro® Frontplate - Satin Chrome |
| VPSS20506 | 6 Gang GridPro® Frontplate - Stainless Steel |
| VPMB20506 | 6 Gang GridPro® Frontplate - Matt Black |

Deco® 8 Gang GridPro® Frontplates

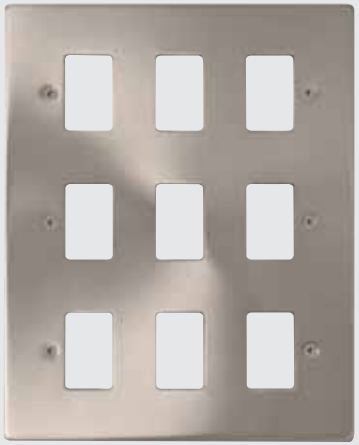
| | |
|---|---|
| VPAB20508 | 8 Gang GridPro® Frontplate - Antique Brass |
| VPBN20508 | 8 Gang GridPro® Frontplate - Black Nickel |
| VPBR20508 | 8 Gang GridPro® Frontplate - Polished Brass |
| VPCH20508 | 8 Gang GridPro® Frontplate - Polished Chrome |
| VPPN20508 | 8 Gang GridPro® Frontplate - Pearl Nickel |
| VPSB20508 | 8 Gang GridPro® Frontplate - Satin Brass |
| VPSC20508 | 8 Gang GridPro® Frontplate - Satin Chrome |
| VPSS20508 | 8 Gang GridPro® Frontplate - Stainless Steel |
| VPMB20508 | 8 Gang GridPro® Frontplate - Matt Black |

CLIP-ON MODULES

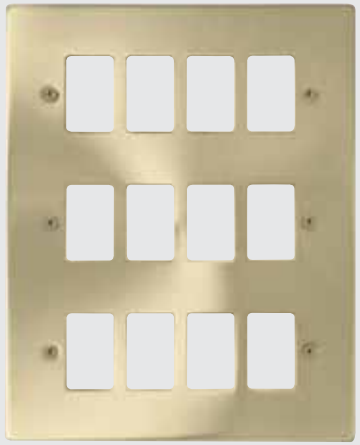
WITH TABS FITTING ON BACK BOX SURFACE

**Standards:** BS 5733
**Back Box Depth (mm):** 47
**Dimensions (mm):** 146 (W) x 146 (H) x 8 (D)

**Understanding the code:**
**VP** - Plate Style **BN** - Plate Finish **20506** - Product No.
**CH** Polished Chrome, **SC** Satin Chrome, **BR** Polished Brass, **BN** Black Nickel, **PN** Pearl Nickel, **AB** Antique Brass, **SB** Satin Brass, **SS** Stainless Steel, **MB** Matt Black.



VPSC20509



VPSB20512

deco

Requires 3 x GR20400 Yokes.
Compatible with Back Box WA518.
For more information on Back Boxes and Yokes see from page J145.

Deco® 9 Gang GridPro® Frontplates

| | |
|---|---|
| VPAB20509 | 9 Gang GridPro® Frontplate - Antique Brass |
| VPBN20509 | 9 Gang GridPro® Frontplate - Black Nickel |
| VPBR20509 | 9 Gang GridPro® Frontplate - Polished Brass |
| VPCH20509 | 9 Gang GridPro® Frontplate - Polished Chrome |
| VPPN20509 | 9 Gang GridPro® Frontplate - Pearl Nickel |
| VPSB20509 | 9 Gang GridPro® Frontplate - Satin Brass |
| VPSC20509 | 9 Gang GridPro® Frontplate - Satin Chrome |
| VPSS20509 | 9 Gang GridPro® Frontplate - Stainless Steel |
| VPMB20509 | 9 Gang GridPro® Frontplate - Matt Black |

Deco® 12 Gang GridPro® Frontplates

| | |
|---|---|
| VPAB20512 | 12 Gang GridPro® Frontplate - Antique Brass |
| VPBN20512 | 12 Gang GridPro® Frontplate - Black Nickel |
| VPBR20512 | 12 Gang GridPro® Frontplate - Polished Brass |
| VPCH20512 | 12 Gang GridPro® Frontplate - Polished Chrome |
| VPPN20512 | 12 Gang GridPro® Frontplate - Pearl Nickel |
| VPSB20512 | 12 Gang GridPro® Frontplate - Satin Brass |
| VPSC20512 | 12 Gang GridPro® Frontplate - Satin Chrome |
| VPSS20512 | 12 Gang GridPro® Frontplate - Stainless Steel |
| VPMB20512 | 12 Gang GridPro® Frontplate - Matt Black |

CLIP-ON MODULES

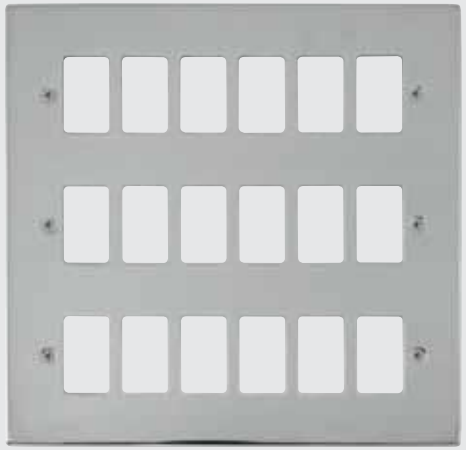
WITH TABS FITTING ON BACK BOX SURFACE

**Standards:** BS 5733
**Back Box Depth (mm):** 47
**Dimensions (mm):** 146 (W) x 206 (H) x 8 (D)

**Understanding the code:**
**VP** - Plate Style **BN** - Plate Finish **20509** - Product No.
**CH** Polished Chrome, **SC** Satin Chrome, **BR** Polished Brass, **BN** Black Nickel, **PN** Pearl Nickel, **AB** Antique Brass, **SB** Satin Brass, **SS** Stainless Steel, **MB** Matt Black.







VPCH20518

Requires 3 x GR20600 Yokes.
Compatible with Back Box WA20518.
For more information on Back Boxes and Yokes see from page J145.

deco

Deco® 18 Gang GridPro® Frontplates

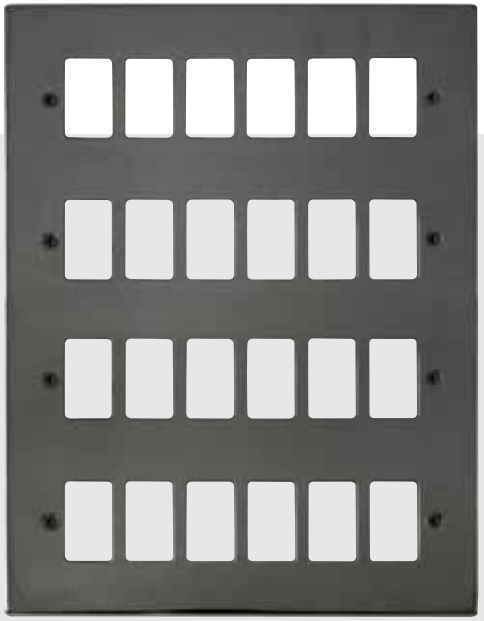
| | |
|---|---|
| VPAB20518 | 18 Gang GridPro® Frontplate - Antique Brass |
| VPBN20518 | 18 Gang GridPro® Frontplate - Black Nickel |
| VPBR20518 | 18 Gang GridPro® Frontplate - Polished Brass |
| VPCH20518 | 18 Gang GridPro® Frontplate - Polished Chrome |
| VPPN20518 | 18 Gang GridPro® Frontplate - Pearl Nickel |
| VPSB20518 | 18 Gang GridPro® Frontplate - Satin Brass |
| VPSC20518 | 18 Gang GridPro® Frontplate - Satin Chrome |
| VPSS20518 | 18 Gang GridPro® Frontplate - Stainless Steel |
| VPMB20518 | 18 Gang GridPro® Frontplate - Matt Black |

CLIP-ON MODULES

WITH TABS FITTING ON BACK BOX SURFACE

**Standards:** BS 5733
**Back Box Depth (mm):** 56
**Dimensions (mm):** 196 (W) x 207 (H) x 8 (D)

**Understanding the code:**
**VP** - Plate Style **BN** - Plate Finish **20518** - Product No.
**CH** Polished Chrome, **SC** Satin Chrome, **BR** Polished Brass, **BN** Black Nickel, **PN** Pearl Nickel, **AB** Antique Brass, **SB** Satin Brass, **SS** Stainless Steel, **MB** Matt Black.



VPBN20524

deco

Requires 4 x GR20600 Yokes.
Compatible with Back Box WA20524.
For more information on Back Boxes and Yokes see from page J145.

Deco® 24 Gang GridPro® Frontplates

| | |
|---|---|
| VPAB20524 | 24 Gang GridPro® Frontplate - Antique Brass |
| VPBN20524 | 24 Gang GridPro® Frontplate - Black Nickel |
| VPBR20524 | 24 Gang GridPro® Frontplate - Polished Brass |
| VPCH20524 | 24 Gang GridPro® Frontplate - Polished Chrome |
| VPPN20524 | 24 Gang GridPro® Frontplate - Pearl Nickel |
| VPSB20524 | 24 Gang GridPro® Frontplate - Satin Brass |
| VPSC20524 | 24 Gang GridPro® Frontplate - Satin Chrome |
| VPSS20524 | 24 Gang GridPro® Frontplate - Stainless Steel |
| VPMB20524 | 24 Gang GridPro® Frontplate - Matt Black |

CLIP-ON MODULES

WITH TABS FITTING ON BACK BOX SURFACE

**Standards:** BS 5733
**Back Box Depth (mm):** 56
**Dimensions (mm):** 196 (W) x 268 (H) x 8 (D)

**Understanding the code:**
**VP** - Plate Style **BN** - Plate Finish **20524** - Product No.
**CH** Polished Chrome, **SC** Satin Chrome, **BR** Polished Brass, **BN** Black Nickel, **PN** Pearl Nickel, **AB** Antique Brass, **SB** Satin Brass, **SS** Stainless Steel, **MB** Matt Black.

Mode® accessories have been designed and developed as a high quality, flexible and modern solution to virtually any domestic or commercial wiring requirement.

Mode® accessories have been independently tested and have shown to have anti-viral properties against enveloped and non-enveloped viruses. After a contact period of 4 hours, Mode® was shown to have a 99.9% kill off rate against enveloped viruses and a 92% kill off rate against non-enveloped viruses.

Mode® wiring accessories are manufactured using Urea Formaldehyde, which has similar inherent properties to antimicrobial additives that inhibit the growth of infectious diseases. All products independently tested achieved a 99.99% kill off rate across all four types of the strains of bacteria - MRSA, E-Coli, Salmonella, Klebsiella Pneumonia and enveloped viruses.

CMA20401

CMA20403

CMA20404

CMA31102

MODE

Antiviral & Antibacterial certified products.
Accessory can be used with standard BS4662 Back Boxes.
Compatible with standard Click® surface mounted boxes.

Mode® 1 Gang GridPro® Frontplates

CMA20401 1 Gang GridPro® Frontplate

Mode® 2 Gang GridPro® Frontplates

CMA20402 2 Gang GridPro® Frontplate

Mode® 3 Gang GridPro® Frontplates

CMA20403 3 Gang GridPro® Frontplate

Mode® 4 Gang GridPro® Frontplates

CMA20404 4 Gang GridPro® Frontplate

Mode® Hotel Accessory GridPro® Frontplates

CMA31102 Hotel Accessory Plate - 2 Gang Gridpro® Frontplate With Twin New Media Aperture - White

SCREW-IN MODULES

NO YOKE

STANDARD BACK BOX

new media™

See our dedicated New Media™ section for more information on the range of New Media™ modules available.

ANTIBACTERIAL & ANTIVIRAL Certified Products

**Standards:** BS 5733
**Back Box Depth (mm):** 25 **31102**: Dependent On Modules Fitted
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 9 (D), **2 Gang:** 146 (W) x 86 (H) x 9 (D)

CMA20506

CMA20508

Antiviral & Antibacterial certified products.
Requires 2 x GR20400 Yokes. Compatible with Back Box WA512.
For more information on Back Boxes and Yokes see from page J145.

MODE

Mode® 6 Gang GridPro® Frontplates

CMA20506 6 Gang GridPro® Frontplate

Mode® 8 Gang GridPro® Frontplates

CMA20508 8 Gang GridPro® Frontplate - Mode

CLIP-ON MODULES

WITH TABS FITTING ON BACK BOX SURFACE

ANTIBACTERIAL & ANTIVIRAL Certified Products

**Standards:** BS 5733
**Back Box Depth (mm):** 47
**Dimensions (mm):** 146 (W) x 146 (H) x 9 (D)

CMA20509 CMA20512

Antiviral & Antibacterial certified products.
Requires 3 x GR20400 Yokes. Compatible with Back Box WA518.
For more information on Back Boxes and Yokes see from page J145.

MODE®

Mode® 9 Gang GridPro® Frontplates

CMA20509 9 Gang GridPro® Frontplate - Mode

Mode® 12 Gang GridPro® Frontplates

CMA20512 12 Gang GridPro® Frontplate

CLIP-ON MODULES

WITH TABS FITTING ON BACK BOX SURFACE

ANTIBACTERIAL & ANTIVIRAL Certified Products

**Standards:** BS 5733
**Back Box Depth (mm):** 47
**Dimensions (mm):** 146 (W) x 206 (H) x 9 (D)

CMA20518

Antiviral & Antibacterial certified products.
Compatible with Back Box WA20518.
For more information on Back Boxes and Yokes see from page J145.

MODE®

Mode® 18 Gang GridPro® Frontplates

CMA20518 18 Gang GridPro® Frontplate

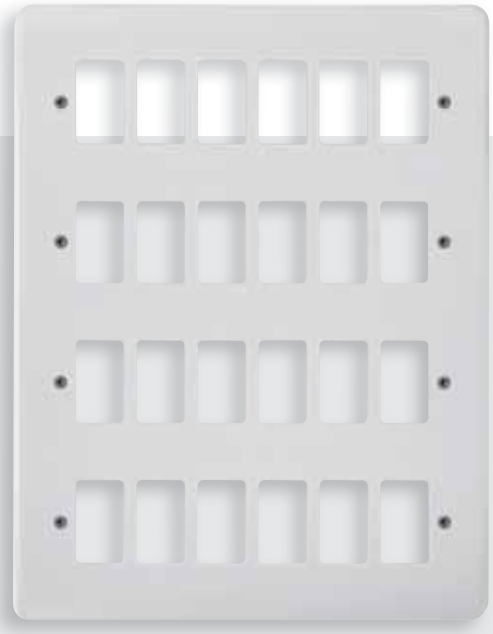
Requires 3 x GR20600 Yokes.

CLIP-ON MODULES

WITH TABS FITTING ON BACK BOX SURFACE

ANTIBACTERIAL & ANTIVIRAL Certified Products

**Standards:** BS 5733
**Back Box Depth (mm):** 56
**Dimensions (mm):** 196 (W) x 206 (H) x 9 (D)



CMA20524

MODE

Antiviral & Antibacterial certified products.
Compatible with Back Box WA20524.
For more information on Back Boxes and Yokes see from page J145.

Mode® 24 Gang GridPro® Frontplates

CMA20524 24 Gang GridPro® Frontplate

Requires 4 x GR20600 Yokes.

CLIP-ON MODULES

WITH TABS FITTING ON BACK BOX SURFACE

ANTIBACTERIAL & ANTIVIRAL
Certified Products

**Standards:** BS 5733
**Back Box Depth (mm):** 56
**Dimensions (mm):** 196 (W) x 266 (H) x 9 (D)

# Part M™ GridPro® Frontplates

## Visually Contrasting Wiring Accessories

Part M Range™

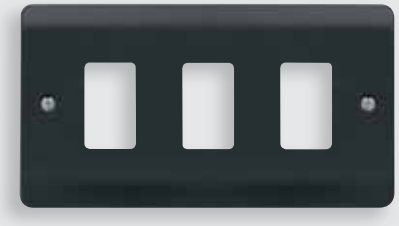
The Mode® range has been expanded to include a range of anthracite grey finished accessories to comply with current Building Regulations Part M.

Our Part M™ range features the modular design of the Mode® range allowing designers and installers unprecedented flexibility in creating dedicated wiring solutions to deal specifically with virtually all wiring requirements.

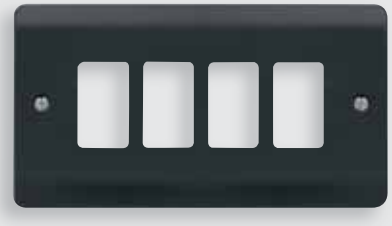
All Part M™ wiring accessories are tested and compliant with all UK and European standards.

CMA20401AG

CMA20402AG



CMA20403AG



CMA20404AG

**Part M Range™**

Antiviral & Antibacterial certified products.
Accessory can be used with standard BS4662 Back Boxes.
Compatible with standard Click® surface mounted boxes.

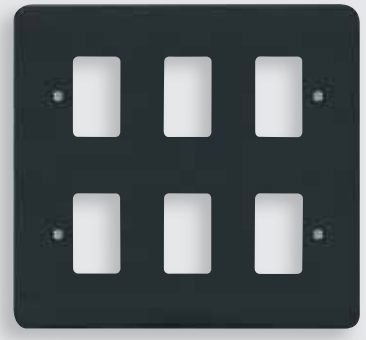
Mode Part M™ 1 Gang GridPro® Frontplates
CMA20401AG 1 Gang GridPro® Frontplate
Mode Part M™ 2 Gang GridPro® Frontplates
CMA20402AG 2 Gang GridPro® Frontplate
Mode Part M™ 3 Gang GridPro® Frontplates
CMA20403AG 3 Gang GridPro® Frontplate
Mode Part M™ 4 Gang GridPro® Frontplates
CMA20404AG 4 Gang GridPro® Frontplate

SCREW-IN MODULES
NO YOKE
STANDARD BACK BOX
ANTIBACTERIAL & ANTIVIRAL Certified Products

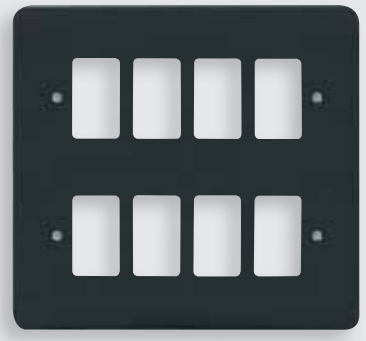
**Standards:** BS 5733
**Back Box Depth (mm):** 25
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 9 (D) **2 Gang:** 146 (W) x 86 (H) x 9 (D)







VPAG20506



VPAG20508

Requires 2 x GR20400 Yokes. Compatible with Back Box WA512.
For more information on Back Boxes and Yokes see from page J145.

**Part M Range™**

Mode Part M™ 6 Gang GridPro® Frontplates
VPAG20506 6 Gang GridPro® Frontplate - Anthracite Grey
Mode Part M™ 8 Gang GridPro® Frontplates
VPAG20508 8 Gang GridPro® Frontplate - Anthracite Grey

CLIP-ON MODULES
WITH TABS FITTING ON BACK BOX SURFACE

**Standards:** BS 5733
**Back Box Depth (mm):** 47
**Dimensions (mm):** 146 (W) x 146 (H) x 8 (D)

VPAG20509



VPAG20512

**Part M Range™**

Requires 3 x GR20400 Yokes. Compatible with Back Box WA518.
For more information on Back Boxes and Yokes see from page J145.

Mode Part M™ 9 Gang GridPro® Frontplates

VPAG20509 9 Gang GridPro® Frontplate - Anthracite Grey

Mode Part M™ 12 Gang GridPro® Frontplates

VPAG20512 12 Gang GridPro® Frontplate - Anthracite Grey

CLIP-ON MODULES

WITH TABS FITTING ON BACK BOX SURFACE

**Standards:** BS 5733
**Back Box Depth (mm):** 47
**Dimensions (mm):** 146 (W) x 206 (H) x 8 (D)

VPAG20518

Compatible with Back Box WA20518.
For more information on Back Boxes and Yokes see from page J145.

**Part M Range™**

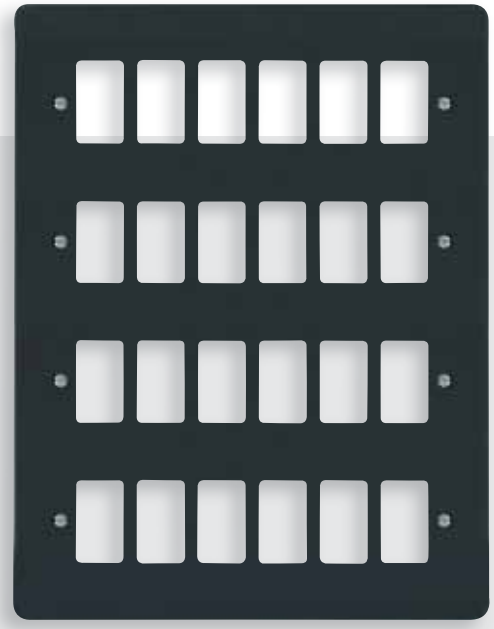
Mode Part M™ 18 Gang GridPro® Frontplates

VPAG20518 18 Gang GridPro® Frontplate - Anthracite Grey

CLIP-ON MODULES

WITH TABS FITTING ON BACK BOX SURFACE

**Standards:** BS 5733
**Back Box Depth (mm):** 56
**Dimensions (mm):** 196 (W) x 207 (H) x 8 (D)



VPAG20524

Part M Range™

Compatible with Back Box WA20524.
For more information on Back Boxes and Yokes see from page J145.

Mode Part M™ 24 Gang GridPro® Frontplates

| | |
|---|---|
| VPAG20524 | 24 Gang GridPro® Frontplate - Anthracite Grey |

CLIP-ON MODULES

WITH TABS FITTING ON BACK BOX SURFACE

**Standards:** BS 5733
**Back Box Depth (mm):** 56
**Dimensions (mm):** 196 (W) x 268 (H) x 8 (D)

So confident are we of the durability and reliability of the Polar™ product that we guarantee these products against any fault in materials or manufacture for at least 20 years.

Polar™ plates have been independently tested and have shown to have anti-viral properties against enveloped and non-enveloped viruses. After a contact period of 4 hours, Polar™ was shown to have a 99.9% kill off rate against enveloped viruses and a 92% kill off rate against non-enveloped viruses.

Polar™ wiring accessories are manufactured using Urea Formaldehyde, which has similar inherent properties to antimicrobial additives that inhibit the growth of infectious diseases. All products independently tested achieved a 99.99% kill off rate across all four types of the strains of bacteria - MRSA, E-Coli, Salmonella, Klebsiella Pneumonia and enveloped viruses.

PRW20402

PRW20403

PRW20404

PRW31102

polar

Antiviral & Antibacterial certified products.
Accessory can be used with standard BS4662 Back Boxes.
Compatible with standard Click® surface mounted boxes.

Polar™ 1 Gang GridPro® Frontplates

PRW20401 1 Gang GridPro® Frontplate

Polar™ 2 Gang GridPro® Frontplates

PRW20402 2 Gang GridPro® Frontplate

Polar™ 3 Gang GridPro® Frontplates

PRW20403 3 Gang GridPro® Frontplate

Polar™ 4 Gang GridPro® Frontplates

PRW20404 4 Gang GridPro® Frontplate

Polar™ Hotel Accessory GridPro® Frontplates

PRW31102 Hotel Accessory Plate - 2 Gang Gridpro® Frontplate With Twin New Media Aperture - White

SCREW-IN MODULES

NO YOKE

STANDARD BACK BOX

new media™

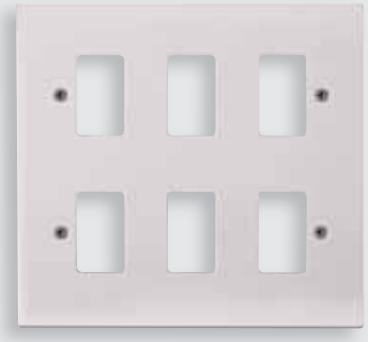
See our dedicated New Media™ section for more information on the range of New Media™ modules available.

**Standards:** BS 5733
**Back Box Depth (mm):** 25 **31102:** Dependent On Modules Fitted
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 9 (D) **2 Gang:** 146 (W) x 88 (H) x 9 (D)
**31102:** 146 (W) x 86 (H) x 11 (D)

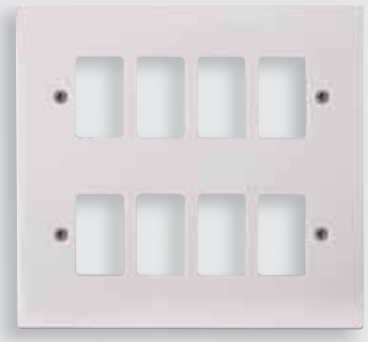
ANTIBACTERIAL & ANTIVIRAL
Certified Products







PRW20506



PRW20508

Antiviral & Antibacterial certified products.
Requires 2 x GR20400 Yokes. Compatible with Back Box WA512.
For more information on Back Boxes and Yokes see from page J145.

polar

Polar™ 6 Gang GridPro® Frontplates

PRW20506 6 Gang GridPro® Frontplate

Polar™ 8 Gang GridPro® Frontplates

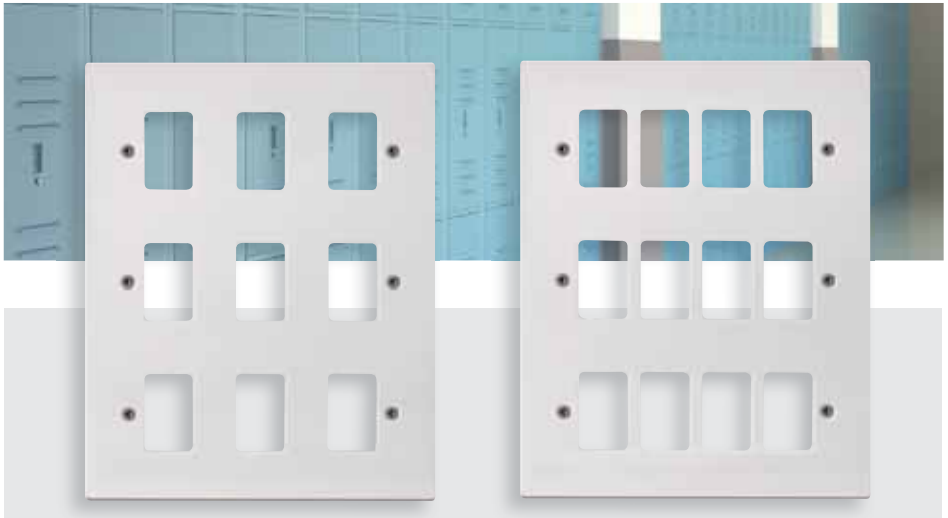
PRW20508 8 Gang GridPro® Frontplate - Polar

CLIP-ON MODULES

WITH TABS FITTING ON BACK BOX SURFACE

**Standards:** BS 5733
**Back Box Depth (mm):** 47
**Dimensions (mm):** 146 (W) x 146 (H) x 9 (D)

ANTIBACTERIAL & ANTIVIRAL
Certified Products



PRW20509 PRW20512

polar

Antiviral & Antibacterial certified products.
Requires 3 x GR20400 Yokes. Compatible with Back Box WA518.
For more information on Back Boxes and Yokes see from page J145.

Polar™ 9 Gang GridPro® Frontplates

PRW20509 9 Gang GridPro® Frontplate - Polar

Polar™ 12 Gang GridPro® Frontplates

PRW20512 12 Gang GridPro® Frontplate

CLIP-ON MODULES

WITH TABS FITTING ON BACK BOX SURFACE

ANTIBACTERIAL & ANTIVIRAL Certified Products

**Standards:** BS 5733
**Back Box Depth (mm):** 47
**Dimensions (mm):** 146 (W) x 206 (H) x 9 (D)

PRW20518

Antiviral & Antibacterial certified products.
Compatible with Back Box WA20518.
For more information on Back Boxes and Yokes see from page J145.

polar

Polar™ 18 Gang GridPro® Frontplates

PRW20518 18 Gang GridPro® Frontplate

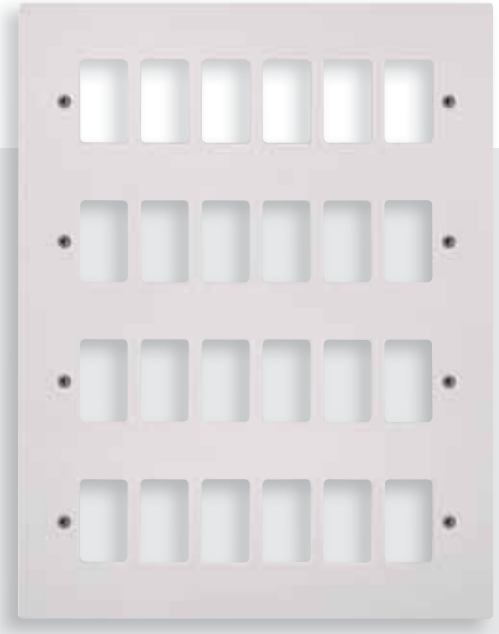
Requires 3 x GR20600 Yokes.

CLIP-ON MODULES

WITH TABS FITTING ON BACK BOX SURFACE

ANTIBACTERIAL & ANTIVIRAL Certified Products

**Standards:** BS 5733
**Back Box Depth (mm):** 56
**Dimensions (mm):** 196 (W) x 206 (H) x 9 (D)



PRW20524

polar

Antiviral & Antibacterial certified products.
Compatible with Back Box WA20524.
For more information on Back Boxes and Yokes see from page J145.

Polar™ 24 Gang GridPro® Frontplates

PRW20524 24 Gang GridPro® Frontplate

Requires 4 x GR20600 Yokes.

CLIP-ON MODULES

WITH TABS FITTING ON BACK BOX SURFACE

ANTIBACTERIAL & ANTIVIRAL Certified Products

**Standards:** BS 5733
**Back Box Depth (mm):** 56
**Dimensions (mm):** 196 (W) x 266 (H) x 9 (D)

# Metal Clad GridPro® Frontplates

essentials™

A comprehensive selection of metal clad electrical accessory products are featured in the following pages. Electrophoretically coated plates and back boxes provide a durable and long lasting heavy duty finish to this attractive range of products.

CL20401

CL20402

CL31102

CL20404B

Supplied complete with 40mm deep Back Boxes.

Metal Clad GridPro® Frontplates with Back Box

| | |
|---|---|
| CL20401 | 1 Gang GridPro® Frontplate & Back Box |
| CL20402 | 2 Gang GridPro® Frontplate & Back Box |
| CL20403 | 3 Gang GridPro® Frontplate & Back Box |
| CL20404 | 4 Gang GridPro® Frontplate & Back Box |

Metal Clad GridPro® Frontplates with Back Box no Knockouts

| | |
|---|---|
| CL20401B | 1 Gang GridPro® Frontplate & Back Box (No Knockouts) |
| CL20402B | 2 Gang GridPro® Frontplate & Back Box (No Knockouts) |
| CL20403B | 3 Gang GridPro® Frontplate & Back Box (No Knockouts) |
| CL20404B | 4 Gang GridPro® Frontplate & Back Box (No Knockouts) |

Metal Clad Hotel Accessory GridPro® Frontplates

| | |
|---|---|
| CL31102 | Hotel Accessory Plate - 2 Gang Gridpro® Frontplate With Twin New Media Aperture With Back Box |
| CL31102B | Hotel Accessory Plate - 2 Gang Gridpro® Frontplate With Twin New Media Aperture With Back Box (No Knockouts) |

SCREW-IN MODULES

NO YOKE

STANDARD BACK BOX

essentials™

**Standards:** BS 5733 **Back Box Depth (mm):** 40
**Dimensions (mm): 1 Gang:** 80 (W) x 80 (H) x 42 (D) **2 Gang:** 140 (W) x 80 (H) x 42 (D)
**Knockouts: 1&2 Gang:** 5 x Ø20 **3&4 Gang:** 7 x Ø20

CL20506

CL20508B

Requires 2 x GR20400 Yokes. See page J145.
Supplied complete with 40mm deep Back Boxes.

Metal Clad 6 Gang GridPro® Frontplates with Back Box

| | |
|---|---|
| CL20506 | 6 Gang GridPro® Frontplate & Back Box |

Metal Clad 6 Gang GridPro® Frontplates with Back Box (No Knockouts)

| | |
|---|---|
| CL20506B | 6 Gang GridPro® Frontplate & Back Box (No Knockouts) |

Metal Clad 8 Gang GridPro® Frontplates with Back Box

| | |
|---|---|
| CL20508 | 8 Gang GridPro® Frontplate & Back Box |

Metal Clad 8 Gang GridPro® Frontplates with Back Box (No Knockouts)

| | |
|---|---|
| CL20508B | 8 Gang GridPro® Frontplate & Back Box (No Knockouts) |

50mm deep back box is required when installing the dimmer mounting kits.
For 50mm deep Back Boxes see page N32.

CLIP-ON MODULES

SNAP TABS FITTING INSIDE BACK BOX

essentials™

**Standards:** BS 5733
**Back Box Depth (mm):** 40
**Dimensions (mm):** 146 (W) x 146 (H) x 42 (D) **Knockouts:** 8 x Ø20, 1 x 67 x 32

CL20509

CL20512B

Requires 3 x GR20400 Yokes. See page J145.
Supplied complete with 40mm deep Back Boxes.

Metal Clad 9 Gang GridPro® Frontplates with Back Box

CL20509 9 Gang GridPro® Frontplate & Back Box

Metal Clad 9 Gang GridPro® Frontplates with Back Box (No Knockouts)

CL20509B 9 Gang GridPro® Frontplate & Back Box (No Knockouts)

Metal Clad 12 Gang GridPro® Frontplates with Back Box

CL20512 12 Gang GridPro® Frontplate & Back Box

Metal Clad 12 Gang GridPro® Frontplates with Back Box (No Knockouts)

CL20512B 12 Gang GridPro® Frontplate & Back Box (No Knockouts)

CLIP-ON MODULES

SNAP TABS FITTING INSIDE BACK BOX

50mm deep back box is required when installing the dimmer mounting kits.
For 50mm deep Back Boxes, see page N32.

essentials™

**Standards:** BS 5733
**Back Box Depth (mm):** 40
**Dimensions (mm):** 146 (W) x 207 (H) x 42 (D) **Knockouts:** 5 x Ø20, 5 x Ø25, 1 x 67 x 32

CL20518B

Requires 3 x GR20600 Yokes. See page J145.
Supplied complete with 56mm deep Back Boxes.

Metal Clad 18 Gang GridPro® Frontplates with Back Box

CL20518 18 Gang GridPro® Frontplate & Back Box

Metal Clad 18 Gang GridPro® Frontplates with Back Box (No Knockouts)

CL20518B 18 Gang GridPro® Frontplate & Back Box (No Knockouts)

CLIP-ON MODULES

SNAP TABS FITTING INSIDE BACK BOX

essentials™

**Standards:** BS 5733
**Back Box Depth (mm):** 56
**Dimensions (mm):** 196 (W) x 206 (H) x 58 (D) **Knockouts:** 6 x Ø20, 6 x Ø25, 1 x 102 x 50

CL20524

Requires 4 x GR20600 Yokes. See page J145.
Supplied complete with 56mm deep Back Boxes.

Metal Clad 24 Gang GridPro® Frontplates with Back Box

CL20524 24 Gang GridPro® Frontplate & Back Box

Metal Clad 24 Gang GridPro® Frontplates with Back Box (No Knockouts)

CL20524B 24 Gang GridPro® Frontplate & Back Box (No Knockouts)

CLIP-ON MODULES

SNAP TABS FITTING INSIDE BACK BOX

essentials™

**Standards:** BS 5733
**Back Box Depth (mm):** 56
**Dimensions (mm):** 196 (W) x 268 (H) x 58 (D) **Knockouts:** 6 x Ø20, 6 x Ø25, 1 x 102 x 50



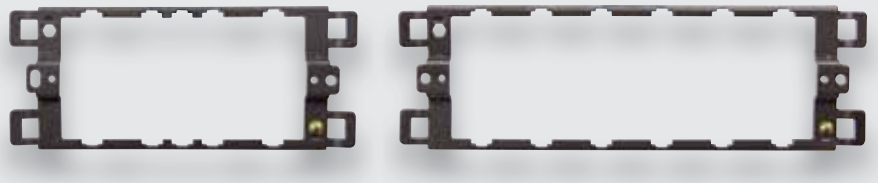


# Yokes & Back Boxes

Our universal yokes may be used for any Click® GridPro® frontplate styles* including Define® and Metal Clad variants.

*excluding the screwless Definity™ plates, which have their own dedicated inserts.

For the larger 6 - 24 gang GridPro® frontplates we have a selection of compatible back boxes.



GR20400 GR20600

GridPro® Universal Yokes

GR20400 GridPro® 3 & 4 Module Universal Yoke
GR20600 GridPro® 6 Module Universal Yoke

essentials™

**Standards:** BS 5733
**Dimensions (mm):** **20400:** 143 (W) x 60 (H) x 8 (D) **20600:** 190 (W) x 60 (H) x 8 (D)

WA512

WA518

WA512
for use with 6 & 8
Gang GridPro®
Frontplates.

WA518
for use with 9 &
12 Gang GridPro®
Frontplates.

Galvanised Steel Back Boxes

| | |
|---|---|
| WA512 | 2 Tier 47mm Deep K.O. Box |
| WA518 | 3 Tier 47mm Deep K.O. Box |

essentials™

**Standards:** BS 4662
**Dimensions (mm):** **WA512:** 137 (W) x 137 (H) x 47 (D) **WA518:** 137 (W) x 197 (H) x 47 (D)
**Knockouts:** **WA512:**7 x Ø20, 3 x Ø25 **WA518:** 8 x Ø20, 4 x Ø25

WA20518

WA20524

WA20518
for use with 18
Gang GridPro®
Frontplates.

WA20524
for use with 24
Gang GridPro®
Frontplates.

GridPro® Flush Mounted Back Boxes

| | |
|---|---|
| WA20518 | 18 Gang GridPro® Flush Mounted Back Box - 56mm Deep |
| WA20524 | 24 Gang GridPro® Flush Mounted Back Box - 56mm Deep |

essentials™

**Standards:** BS 4662
**Back Box Depth (mm):** 56
**Dimensions (mm):** **WA20518:** 185 (W) x 197 (H) x 56 (D) **WA20524:** 185 (W) x 255 (H) x 56 (D)
**Knockouts:** **WA20518:** 10 X Ø20, 6 X Ø25 **WA20524:** 10 X Ø20, 6 X Ø25

# MiniGrid® Plates & Modules

MINIGRID®

MINIGRID®

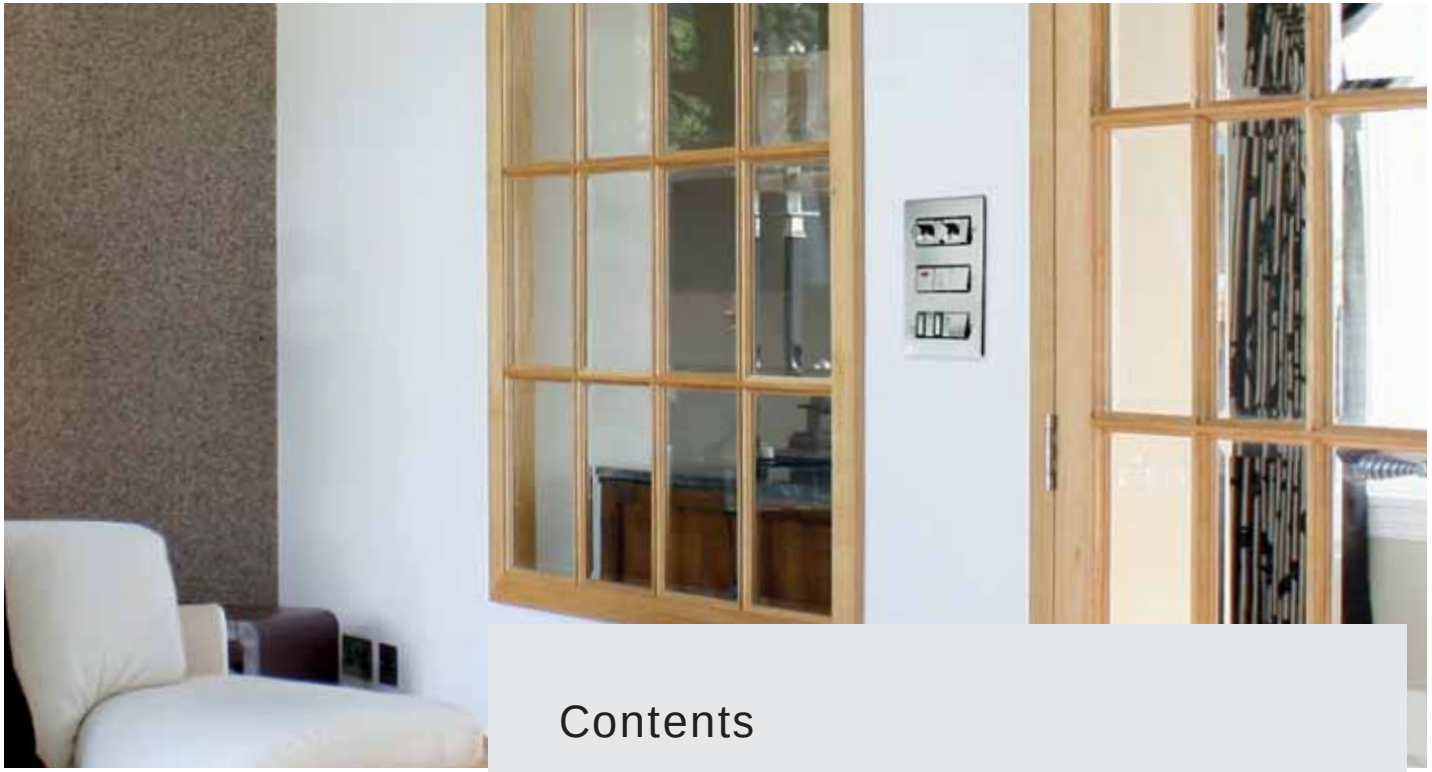
## Interchangeable Plates & Modules

This section serves to introduce the extended range of MiniGrid® mounting plates and modules. All of these new items are comprehensively illustrated throughout the following pages.

Since the launch of the moulded Click® and Polar™ accessory ranges the modular switch arrangement standard in both products has proved to be a highly valued facility amongst designers and installers alike.

Simple, single screw installation of the modules on the mounting plates has encouraged contractors to devise and install customised switching solutions on-site.

The fully interchangeable MiniGrid® modules are fitted as standard into our moulded Polar™, Mode® & Part M Range™, decorative Define®, Deco®, Deco Plus® & Definity™ and Metal Clad ranges.



20 YR WARRANTY

## 20 Year Warranty

All MiniGrid® products are covered by our 20 year warranty against any fault in materials or manufacture experienced at any time within 20 years of the date of supply.

## Contents

### MiniGrid® Plates

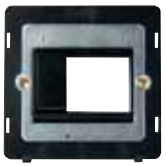
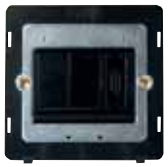
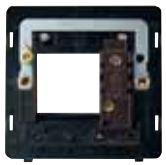

| | |
|---|---|
| Unfurnished Plates | K5 |
| Yokes & Back Boxes | K7 |
| Deco Plus® Unfurnished Plates | K9 |
| Deco® Unfurnished Plates | K10 |
| Define® Unfurnished Plates | K11 |
| Definity™ Unfurnished Plates | K12 |
| Mode® & Part M™ Unfurnished Plates | K13 |
| Polar™ Unfurnished Plates | K14 |
| Metal Clad Unfurnished Plates | K15 |
| Red Unfurnished Plates | K16 |

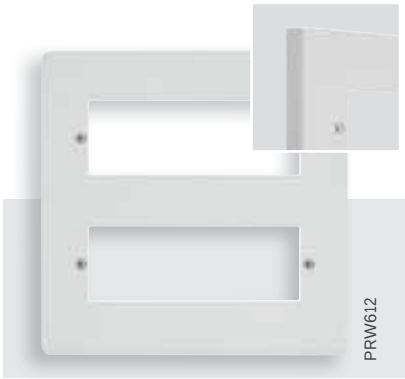

### MiniGrid® Modules

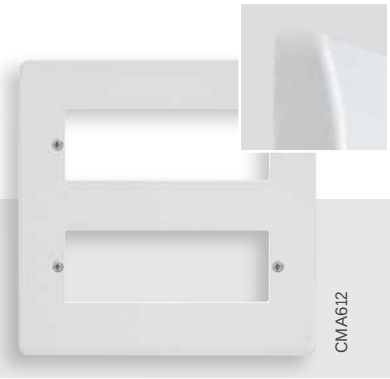

| | |
|---|---|
| 1 & 2 Way Switch Modules | K18 |
| Intermediate Switch Module | K19 |
| 2 Way Paddle Switch Module | K20 |
| 2 Way Retractive Switch Module | K21 |
| DP Switch Module | K22 |
| 2 Way Key switch Module | K23 |
| DP Key switch 'Emergency Test' Module | K24 |
| DP Key switch Module | K25 |
| Indicator & Blank Modules | K26 |
| Fused Connection Module | K27 |
| Flex Outlet Module | K28 |
| 1 Way Retractive 'Bell' Switch Module | K29 |
| 3 Position Switch Modules | K30 |
| Fan Isolation Switch Module | K32 |
| 2 Way Switch Module | K33 |
| 20A DP Switch Modules | K34 |
| Dimmer Module Mounting Kit | K36 |
| 2 Way Toggle Switch Modules | K38 |

# MiniGrid® Plates

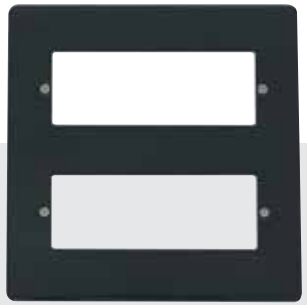
The MiniGrid® plates illustrated on the following pages are all unfurnished for easy and quick configuration with required modules.


PRW612


CMA612

CL512


VPAG512

ANTIBACTERIAL & ANTIVIRAL
Certified Products

**Antiviral Certified:** Polar™ Mode® and Part M™ plates have been independently tested and have shown to have anti-viral properties against enveloped and non-enveloped viruses. After a contact period of 4 hours, Polar™ Mode® and Part M™ was shown to have a 99.9% kill off rate against enveloped viruses and a 92% kill off rate against non-enveloped viruses.

**Antibacterial Certified:** Polar™ Mode® and Part M™ wiring accessories are manufactured using Urea Formaldehyde, which has similar inherent properties to antimicrobial additives that inhibit the growth of infectious diseases. All products independently tested achieved a 99.99% kill off rate across all four types of the strains of bacteria - MRSA, E-Coli, Salmonella, Klebsiella Pneumonia and enveloped viruses.

## 2 Tier Unfurnished Plates - MiniGrid®

PRW612 2 Tier MiniGrid® Unfurnished Plate & Yokes - 12 Apertures - Polar™
CMA612 2 Tier MiniGrid® Unfurnished Plate & Yokes - 12 Apertures - Mode®

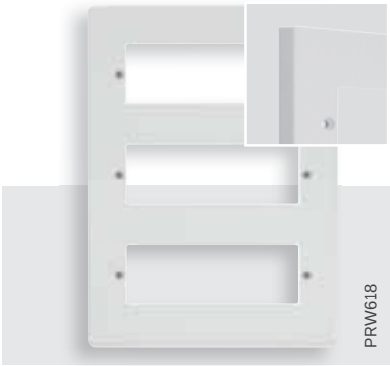
GR101 yokes supplied complete with the frontplate

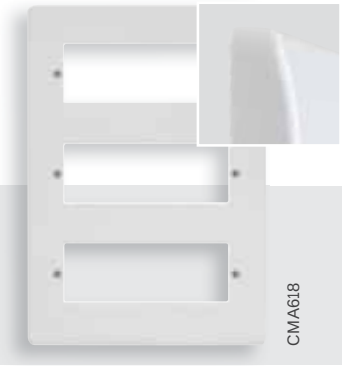
VPAG512 2 Tier MiniGrid® Unfurnished Plate c/w Gaskets - 12 Apertures - Part M™
CL512 2 Tier MiniGrid® Unfurnished Plate - 12 Apertures - Metal Clad

2 x GR100PW Yokes required, see page K7.
When using dimmer mounting kit, 50mm deep back box required, see page N32

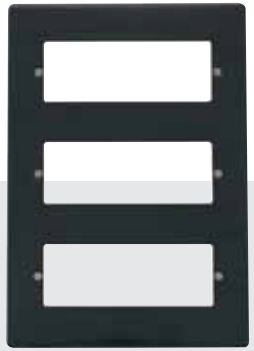
If dimmer modules are to be mounted directly above each other, the MD9014 (page K37) or similar height dimmer modules must be installed. Alternatively, retractive switch modules MD004 (page K21) can be used in conjunction with Click Smart+ dimming receivers (page B22).

**Standards:** BS 5733 **Back Box Depth (mm):** 47 **CL512:** 40 (Supplied)
**Dimensions (mm):** **CMA612:** 146 (W) x 153 (H) x 9.5 (D) **VPAG512:** 146 (W) x 146 (H) x 8 (D)
**PRW612**: 146 (W) x 153 (H) x 9.5 (D) **CL512:** 148 (W) x 148 (H) x 42 (D)


PRW618


CMA618

CL518


VPAG518

ANTIBACTERIAL & ANTIVIRAL
Certified Products

**Antiviral Certified:** Polar™ and Mode® plates have been independently tested and have shown to have anti-viral properties against enveloped and non-enveloped viruses. After a contact period of 4 hours, Polar™ and Mode® was shown to have a 99.9% kill off rate against enveloped viruses and a 92% kill off rate against non-enveloped viruses.

**Antibacterial Certified:** Polar™ and Mode® wiring accessories are manufactured using Urea Formaldehyde, which has similar inherent properties to antimicrobial additives that inhibit the growth of infectious diseases. All products independently tested achieved a 99.99% kill off rate across all four types of the strains of bacteria - MRSA, E-Coli, Salmonella, Klebsiella Pneumonia and enveloped viruses.

### 3 Tier Unfurnished Plates - MiniGrid®

PRW618 3 Tier MiniGrid® Unfurnished Plate & Yokes - 18 Apertures - Polar™
CMA618 3 Tier MiniGrid® Unfurnished Plate & Yokes - 18 Apertures - Mode®

618: GR101 yokes supplied complete with the frontplate

VPAG518 3 Tier MiniGrid® Unfurnished Plate c/w Gaskets - 18 Apertures - Part M™
CL518 3 Tier MiniGrid® Unfurnished Plate - 18 Apertures - Metal Clad

3 x GR100 Yokes required, see page K7
When using dimmer mounting kit, 50mm deep back box required, see page N32

If dimmer modules are to be mounted directly above each other, the MD9014 (page K37) or similar height dimmer modules must be installed. Alternatively, retractive switch modules MD004 (page K21) can be used in conjunction with Click Smart+ dimming receivers (page B22).

Standards: BS 5733 Back Box Depth (mm): 47 **CL518:** 40
Dimensions (mm): **CMA618:** 146 (W) x 214 (H) x 9.5 (D) **PRW518:** 146 (W) x 214 (H) x 9.5 (D)
**CL518:** 148 (W) x 207 (H) x 42 (D) **VPAG518:** 146 (W) x 227 (H) x 8 (D)





Example of yoke furnished with modules

MINIGRID®

Galvanised steel back boxes supplied for flush mounting of the large MiniGrid® plates. Mounting Yoke facilitates pre-assembly of required modules. Fitted with twin earth terminals.

GR100 WA512 WA518

### Yokes

GR100BK MiniGrid® Module Yoke - 6 Apertures - Black
GR100PW MiniGrid® Module Yoke - 6 Apertures - White
GR100GY MiniGrid® Module Yoke - 6 Apertures - Grey

### Galvanised Steel Back Boxes

WA512 2 Tier 47mm Deep K.O. Box
WA518 3 Tier 47mm Deep K.O. Box

Galvanised steel back boxes supplied for flush mounting of the large MiniGrid® plates. Mounting Yoke facilitates pre-assembly of required modules. Fitted with twin earth terminals.

Yokes & recommended ranges:
Black & Grey - Deco® & Deco Plus®
Polar White - Part M™ & Metal Clad

Standards: **512 518:**BS 4662
Dimensions (mm): **GR100:** 129 (W) x 55 (H) x 14 (D) **512:** 137 (W) x 137 (H) x 47 (D) **518:** 137 (W) x 197 (H) x 47 (D)

VPCH518

DPBN518

DPCH512

VPAB512

Deco Plus® Unfurnished Plates c / w Gaskets - MiniGrid®

| | | |
|---|---|---|
| DP**512 | 2 Tier MiniGrid® Unfurnished Plate - 12 Apertures | 2 x GR100 Yokes required, see page K7 |
| DP**518 | 3 Tier MiniGrid® Unfurnished Plate - 18 Apertures | 3 x GR100 Yokes required, see page K7 |

Deco® Unfurnished Plates c / w Gaskets - MiniGrid®

| | | |
|---|---|---|
| VP**512 | 2 Tier MiniGrid® Unfurnished Plate - 12 Apertures | 2 x GR100 Yokes required, see page K7 |
| VP**518 | 3 Tier MiniGrid® Unfurnished Plate - 18 Apertures | 3 x GR100 Yokes required, see page K7 |

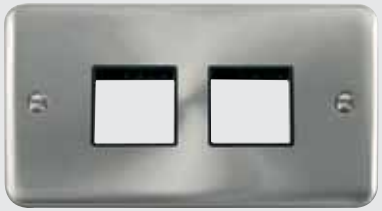
If dimmer modules are to be mounted directly above each other, the MD9014 (page K37) or similar height dimmer modules must be installed. Alternatively, retractive switch modules MD004 (page K21) can be used in conjunction with Click Smart+ dimming receivers (page B22).

**Standards:** BS 5733
**Back Box Depth (mm):** 47
**Dimensions (mm):** **512:** 146 (W) x 146 (H) x 8 (D) **518:** 146 (W) x 227 (H) x 8 (D)

Deco Plus® Please add 2 letter prefix to identify required finish i.e. DPBN036 for Black Nickel.
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **SS** Stainless Steel, **BN** Black Nickel, **MB** Matt Black.

Deco® Please add 2 letter prefix to identify required finish i.e. VPCH311 for Chrome.
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **SS** Stainless Steel, **BN** Black Nickel, **PN** Pearl Nickel, **MB** Matt Black.

401



404

402

406

403

426

deco PLUS™ For the complete range of MiniGrid® modules, see the dedicated MiniGrid® section, page K18.

471

These plates must be used with the architrave back boxes WA671 / WA672 and can only be flush mounted.
Not compatible with MD070 & MD075 Switch modules.

472

Unfurnished Plates - MiniGrid®

| | | | |
|---|---|---|---|
| 401 | 1 Gang MiniGrid® Unfurnished Plate - 1 Aperture | 404 | 2 Gang MiniGrid® Unfurnished Plate - 2 x 2 Apertures |
| 402 | 1 Gang MiniGrid® Unfurnished Plate - 2 Apertures | 406 | 2 Gang MiniGrid® Unfurnished Plate - 2 x 3 Apertures |
| 403 | 1 Gang MiniGrid® Unfurnished Plate - 3 Apertures | 426 | 2 Gang MiniGrid® Unfurnished Plate - 6 In-Line Apertures |

Architrave Unfurnished Plates - MiniGrid®

471 1 Gang MiniGrid® Unfurnished Architrave Plate - 1 Aperture
472 2 Gang MiniGrid® Unfurnished Architrave Plate - 2 Apertures

**Standards:** BS 5733 **Back Box Depth (mm):** Dependent On Module Fitted
**Dimensions (mm):** **1 Gang:** 88 (W) x 88 (H) x 8 (D) **2 Gang:** 146 (W) x 88 (H) x 8 (D)
**Single architrave:** 35 (W) x 88 (H) x 8 (D) **Twin architrave:** 35 (W) x 150 (H) x 8 (D)

**Understanding the code:** **Please note:** AB & BN are only available with Black inserts. SC & SS Ingot are available with Grey Inserts
DP - Plate Style BN - Plate Finish 536 - Product No. BK - Insert Colour
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **BN** Black Nickel, **SS** Stainless Steel, **MB** Matt Black.

# Deco® Unfurnished Plates

401

426

402

404

403

432

deco®

See page D31 for back boxes.

471

These plates must be used with the dedicated architrave back boxes WA571 / WA572 and can only be flush mounted. See page D31. Not compatible with MD070 & MD075 Switch modules.

472

Unfurnished Plates - MiniGrid®

401 1 Gang MiniGrid® Unfurnished Plate - 1 Aperture
402 1 Gang MiniGrid® Unfurnished Plate - 2 Apertures
403 1 Gang MiniGrid® Unfurnished Plate - 3 Apertures
404 2 Gang MiniGrid® Unfurnished Plate - 2 x 2 Apertures
406 2 Gang MiniGrid® Unfurnished Plate - 2 x 3 Apertures
426 2 Gang MiniGrid® Unfurnished Plate - 6 In-Line Apertures
432 2 Gang MiniGrid® Unfurnished Plate - 3 Apertures

Please note 432 is not available in BN, BR, PN or SB. See range of MiniGrid® Modules in the MiniGrid® section

Architrave Switch Plates (Unfurnished)

471 1 Gang MiniGrid® Unfurnished Architrave Plate - 1 Aperture
472 2 Gang MiniGrid® Unfurnished Architrave Plate - 2 Apertures

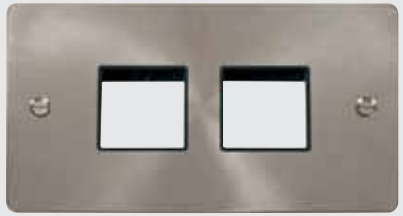
**Standards:** BS 5733
**Back Box Depth (mm):** Dependent On Modules Fitted **471:** 16 **472:** 25
**Dimensions (mm):** **1 Gang:** 88 (W) x 88 (H) x 8 (D) **2 Gang:** 146 (W) x 88 (H) x 8 (D) **471:** 35 (W) x 89 (H) x 8 (D) **472:** 35 (W) x 149 (H) x 8 (D)

**Understanding the code:** **Please note:** AB & BN are only available with Black inserts. SC & SS Ingot are available with Grey Inserts
VP - Plate Style BN - Plate Finish 011 - Product No. BK - Insert Colour
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome,
**BN** Black Nickel, **SS** Stainless Steel, **PN** Pearl Nickel, **MB** Matt Black.



# Define® Unfurnished Plates

401



404

402

406

403

426

define®

Define® plates are coated stainless steel.

Unfurnished Plates - MiniGrid®

401 1 Gang MiniGrid® Unfurnished Plate - 1 Aperture
402 1 Gang MiniGrid® Unfurnished Plate - 2 Apertures
403 1 Gang MiniGrid® Unfurnished Plate - 3 Apertures
404 2 Gang MiniGrid® Unfurnished Plate - 2 x 2 Apertures
406 2 Gang MiniGrid® Unfurnished Plate - 2 x 3 Apertures
426 2 Gang MiniGrid® Unfurnished Plate - 6 In-Line Apertures

**Standards:** BS 5733
**Back Box Depth (mm):** Dependent On Modules Fitted
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 1.3 (D) **2 Gang:** 146 (W) x 88 (H) x 1.3 (D)

**Understanding the code:**
FP - Plate Style BN - Plate Finish 411 - Product No. BK - Insert Colour.
**BS** Brushed Stainless, **BN** Black Nickel, **PN** Pearl Nickel, **CH** Polished Chrome and **SS** Stainless Steel

**DEFINITY™ PLATES ARE MADE UP OF 2 COMPONENTS (INSERT & COVER PLATE)**
Please select one of each component: Choose Insert (Blue Code) then Choose Cover Plate (Orange Code)

SIN401
SCP401

SIN404
SCP404

SIN402
SCP402

SIN406
SCP406

SIN403
SCP403

SIN426
SCP426

**SCP401 SCP402 SCP403 available in Red (RD)**

### MiniGrid® Unfurnished Plate Inserts

SIN401 1 Gang MiniGrid® Unfurnished Plate Insert - 1 Aperture
SIN402 1 Gang MiniGrid® Unfurnished Plate Insert - 2 Apertures
SIN403 1 Gang MiniGrid® Unfurnished Plate Insert - 3 Apertures
SIN404 2 Gang MiniGrid® Unfurnished Plate Insert - 2 x 2 Apertures
SIN406 2 Gang MiniGrid® Unfurnished Plate Insert - 2 x 3 Apertures
SIN426 2 Gang MiniGrid® Unfurnished Plate Insert - 6 In-Line Apertures

### MiniGrid® Cover Plates

SCP401 1 Gang MiniGrid® Cover Plate - 1 Aperture
SCP402 1 Gang MiniGrid® Cover Plate - 2 Apertures
SCP403 1 Gang MiniGrid® Cover Plate - 3 Apertures
SCP404 2 Gang MiniGrid® Cover Plate - 2 x 2 Apertures
SCP406 2 Gang MiniGrid® Cover Plate - 2 x 3 Apertures
SCP426 2 Gang MiniGrid® Cover Plate - 6 In-Line Apertures

definity™ For the complete range of MiniGrid® modules, see page K18.

**Standards:** BS 5733
**Back Box Depth (mm):** Dependent On Modules Fitted
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 4 (D) **2 Gang:** 146 (W) x 86 (H) x 4 (D)

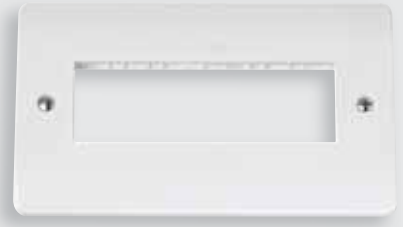
**Understanding the code:**
**SIN** - Insert Prefix **036** - Product No **BK** - Insert Colour **SS** - 'Ingot' Switch Finish (if applicable).
**PW** White, **BK** Black, **GY** Grey (Grey is Ingot only)
**SCP** - Definity™ Cover Plate Prefix **436** - Product No **SS** - Plate Colour.
**BS** Brushed Stainless, **CH** Polished Chrome, **SS** Stainless Steel, **MW** Metal White, **MB** Metal Black, **PW** White, **BK** Matt Black.

CMA401AG

CMA402AG

CMA403AG

**Part M Range™**



CMA426

CMA406

**MODE®** PW coloured modules should be used with CMA plates

ANTIBACTERIAL & ANTIVIRAL Certified Products

**Antiviral Certified:** Mode® and Part M™ plates have been independently tested and have shown to have anti-viral properties against enveloped and non-enveloped viruses. After a contact period of 4 hours, Mode® and Part M™ was shown to have a 99.9% kill off rate against enveloped viruses and a 92% kill off rate against non-enveloped viruses.

**Antibacterial Certified:** Mode® and Part M™ wiring accessories are manufactured using Urea Formaldehyde, which has similar inherent properties to antimicrobial additives that inhibit the growth of infectious diseases. All products independently tested achieved a 99.99% kill off rate across all four types of the strains of bacteria - MRSA, E-Coli, Salmonella, Klebsiella Pneumonia and enveloped viruses.

### Unfurnished Plates - MiniGrid®

CMA401 1 Gang MiniGrid® Unfurnished Plate - 1 Aperture
CMA402 1 Gang MiniGrid® Unfurnished Plate - 2 Apertures
CMA403 1 Gang MiniGrid® Unfurnished Plate - 3 Apertures
CMA404 2 Gang MiniGrid® Unfurnished Plate - 2 x 2 Apertures
CMA406 2 Gang MiniGrid® Unfurnished Plate - 2 x 3 Apertures
CMA426 2 Gang MiniGrid® Unfurnished Plate - 6 In-Line Apertures
CMA432 2 Gang MiniGrid® Unfurnished Plate - 3 Apertures

### Unfurnished Plates - MiniGrid®

CMA401AG 1 Gang MiniGrid® Unfurnished Plate - 1 Aperture
CMA402AG 1 Gang MiniGrid® Unfurnished Plate - 2 Apertures
CMA403AG 1 Gang MiniGrid® Unfurnished Plate - 3 Apertures
CMA404AG 2 Gang MiniGrid® Unfurnished Plate - 2 x 2 Apertures
CMA426AG 2 Gang MiniGrid® Unfurnished Plate - 6 In-Line Apertures

**Standards:** BS 5733 **Back Box Depth (mm):** Dependent On Modules Fitted
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 9.5 (D) **2 Gang:** 146 (W) x 86 (H) x 9.5 (D)

ANTIBACTERIAL & ANTIVIRAL Certified Products

**Antiviral Certified:** Polar™ plates have been independently tested and have shown to have anti-viral properties against enveloped and non-enveloped viruses. After a contact period of 4 hours, Polar™ was shown to have a 99.9% kill off rate against enveloped viruses and a 92% kill off rate against non-enveloped viruses.

**Antibacterial Certified:** Polar™ wiring accessories are manufactured using Urea Formaldehyde, which has similar inherent properties to antimicrobial additives that inhibit the growth of infectious diseases. All products independently tested achieved a 99.99% kill off rate across all four types of the strains of bacteria - MRSA, E-Coli, Salmonella, Klebsiella Pneumonia and enveloped viruses.

Unfurnished Plates - MiniGrid®

PRW401 1 Gang MiniGrid® Unfurnished Plate - 1 Aperture
PRW402 1 Gang MiniGrid® Unfurnished Plate - 2 Apertures
PRW403 1 Gang MiniGrid® Unfurnished Plate - 3 Apertures
PRW404 2 Gang MiniGrid® Unfurnished Plate - 2 x 2 Apertures
PRW406 2 Gang MiniGrid® Unfurnished Plate - 2 x 3 Apertures
PRW426 2 Gang MiniGrid® Unfurnished Plate - 6 In-Line Apertures
PRW432 2 Gang MiniGrid® Unfurnished Plate - 3 Apertures

polar™ PRW plates should be used with PW coloured modules.

**Standards:** BS 5733 **Back Box Depth (mm):** Dependent On Modules Fitted
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 11 (D) **2 Gang:** 146 (W) x 86 (H) x 11 (D)

essentials™ CL plates should be used with WH coloured modules.

Unfurnished Plates - MiniGrid® c / w 40mm Mounting Box

CL401 1 Gang MiniGrid® Unfurnished Plate - 1 Aperture
CL402 1 Gang MiniGrid® Unfurnished Plate - 2 Apertures
CL403 1 Gang MiniGrid® Unfurnished Plate - 3 Apertures
CL404 2 Gang MiniGrid® Unfurnished Plate - 2 x 2 Apertures
CL406 2 Gang MiniGrid® Unfurnished Plate - 2 x 3 Apertures
CL426 2 Gang MiniGrid® Unfurnished Plate - 6 In-Line Apertures

**Standards:** BS 5733
**Back Box Depth (mm):** 40
**Dimensions (mm):** **1 Gang:** 80 (W) x 80 (H) x 42 (D) **2 Gang:** 140 (W) x 80 (H) x 42 (D)

WA401RD

WA402RD

WA403RD

## essentials™

Unfurnished Plates - MiniGrid®

| | |
|---|---|
| WA401RD | 1 Gang MiniGrid® Unfurnished Plate - 1 Aperture |
| WA402RD | 1 Gang MiniGrid® Unfurnished Plate - 2 Apertures |
| WA403RD | 1 Gang MiniGrid® Unfurnished Plate - 3 Apertures |

**Standards:** BS 5733 **Back Box Depth (mm):** Dependent On Modules Fitted
**Dimensions (mm):** 86 (W) x 86 (H) x 11 (D)

# MiniGrid® Modules

IN HOUSE LASER ETCHING

Our in house laser printer provides flexibility to suit large volume batch or custom jobs. The precision, permanent, fine marking effect is customisable, offering you and your customers a wider variety of options.

The MiniGrid® modules illustrated on the following pages are all easily and quickly exchanged or mounted onto unfurnished plates by means of a simple single screw fixing.

MD001WH

MD001
(Back)

MD002BR

MD002
(Back)

10AX 1 Way Switch Modules

| | |
|---|---|
| MD001BK | 1 Way Switch Module - Black |
| MD001PW | 1 Way Switch Module - Polar™ White |
| MD001WH | 1 Way Switch Module - Click® White |

10AX 2 Way Switch Modules

| | |
|---|---|
| MD002BK | 2 Way Switch Module - Black |
| MD002PW | 2 Way Switch Module - Polar™ White |
| MD002WH | 2 Way Switch Module - Click® White |
| MD002RD | 2 Way Switch Module - Red |

Ingot 10AX 2 Way Switch Modules

| | |
|---|---|
| MD002AB | Ingot 2 Way Switch Module - Antique Brass |
| MD002BN | Ingot 2 Way Switch Module - Black Nickel |
| MD002BR | Ingot 2 Way Switch Module - Polished Brass |
| MD002BS | Ingot 2 Way Switch Module - Brushed Stainless |
| MD002CH | Ingot 2 Way Switch Module - Polished Chrome |
| MD002PN | Ingot 2 Way Switch Module - Pearl Nickel |
| MD002SB | Ingot 2 Way Switch Module - Satin Brass |
| MD002SC | Ingot 2 Way Switch Module - Satin Chrome |
| MD002SS | Ingot 2 Way Switch Module - Stainless Steel |
| MD002MB | Ingot 2 Way Switch Module - Matt Black |

Conventional moulded 1 way, 2 way and intermediate switch modules can be used in all Click® accessories, Polar™ and Mode® moulded and metal ranges.

**Standards:** BS EN 60669-1
**Cable Size (mm²):** 4 x 1.5 or 2 x 2.5
**Dimensions (mm):** 25 (W) x 53 (H) x 20 (D)

MD028PW

MD028AB

MD028BR

MD028SS

MD028
(Back)

MD028BS

MD028CH

MD028SB

Conventional moulded 1 way, 2 way and intermediate switch modules can be used in all Click® accessories, Polar™ and Mode® moulded and metal ranges.

10AX Intermediate Switch Modules

| | |
|---|---|
| MD028BK | Intermediate Switch Module - Black |
| MD028PW | Intermediate Switch Module - Polar™ White |
| MD028WH | Intermediate Switch Module - Click® White |

Ingot 10AX Intermediate Switch Modules

| | |
|---|---|
| MD028AB | Intermediate Switch Module - Antique Brass |
| MD028BN | Intermediate Switch Module - Black Nickel |
| MD028BR | Intermediate Switch Module - Polished Brass |
| MD028BS | Intermediate Switch Module - Brushed Stainless |
| MD028CH | Intermediate Switch Module - Polished Chrome |
| MD028PN | Intermediate Switch Module - Pearl Nickel |
| MD028SB | Intermediate Switch Module - Satin Brass |
| MD028SC | Intermediate Switch Module - Satin Chrome |
| MD028SS | Intermediate Switch Module - Stainless Steel |
| MD028MB | Intermediate Switch Module - Matt Black |

**Standards:** BS EN 60669-1
**Cable Size (mm²):** 4 x 1.5 or 2 x 2.5
**Dimensions (mm):** 25 (W) x 53 (H) x 20 (D)

MD038PW MD038BK MD038BK

MD009SC MD009BR MD009BK

Ingot modules offer metallic finish to switch modules which match each of our Decorative plate finishes.

10AX 2 Way Paddle Switch Modules (Triple Width)

| | |
|---|---|
| MD009BK | 2 Way Paddle Switch Module - Black |
| MD009PW | 2 Way Paddle Switch Module - Polar™ White |
| MD009WH | 2 Way Paddle Switch Module - Click® White |

10AX 2 Way Intermediate Paddle Switch Modules (Triple Width)

| | |
|---|---|
| MD038BK | Intermediate Switch Module - Black |
| MD038PW | Intermediate Switch Module - Polar™ White |
| MD038WH | Intermediate Switch Module - Click® White |

Ingot 10AX 2 Way Paddle Switch Modules (Triple Width)

| | |
|---|---|
| MD009AB | 2 Way Paddle Switch Module - Antique Brass |
| MD009BN | 2 Way Paddle Switch Module - Black Nickel |
| MD009BR | 2 Way Paddle Switch Module - Polished Brass |
| MD009BS | 2 Way Paddle Switch Module - Brushed Stainless |
| MD009CH | 2 Way Paddle Switch Module - Polished Chrome |
| MD009PN | 2 Way Paddle Switch Module - Pearl Nickel |
| MD009SB | 2 Way Paddle Switch Module - Satin Brass |
| MD009SC | 2 Way Paddle Switch Module - Satin Chrome |
| MD009SS | 2 Way Paddle Switch Module - Stainless Steel |
| MD009MB | 2 Way Paddle Switch Module - Matt Black |

**Standards:** BS EN 60669-1
**Cable Size (mm²):** 4 x 1.5 or 2 x 2.5
**Dimensions (mm):** 48 (W) x 52 (H) x 20 (D)

MD004WH MD004SB MD004SS MD004 (Back)

2 way retractive switches offer "push-to-make" and "push-to-break".
Ingot modules offer metallic finish to switch modules which match each of our decorative plate finishes.

10AX 2 Way Retractive Switch Modules

| | |
|---|---|
| MD004BK | 2 Way Retractive Switch Module - Black |
| MD004PW | 2 Way Retractive Switch Module - Polar™ White |
| MD004WH | 2 Way Retractive Switch Module - Click® White |

Ingot 10AX 2 Way Retractive Switch Modules

| | |
|---|---|
| MD004AB | 2 Way Retractive Switch Module - Antique Brass |
| MD004BN | 2 Way Retractive Switch Module - Black Nickel |
| MD004BR | 2 Way Retractive Switch Module - Polished Brass |
| MD004BS | 2 Way Retractive Switch Module - Brushed Stainless |
| MD004CH | 2 Way Retractive Switch Module - Polished Chrome |
| MD004PN | 2 Way Retractive Switch Module - Pearl Nickel |
| MD004SB | 2 Way Retractive Switch Module - Satin Brass |
| MD004SC | 2 Way Retractive Switch Module - Satin Chrome |
| MD004SS | 2 Way Retractive Switch Module - Stainless Steel |
| MD004MB | 2 Way Retractive Switch Module - Matt Black |

**Standards:** BS EN 60669-1
**Cable Size (mm²):** 4 x 1.5 or 2 x 2.5
**Dimensions (mm):** 25 (W) x 53 (H) x 20 (D)

MD018WH MD018BK MD018RD

MD018PW-CH MD018BR-DW MD018 (Back)

IN HOUSE LASER ETCHING
Our in house laser printer provides flexibility to suit large volume batch or custom jobs. The precision, permanent, fine marking effect is customisable, offering you and your customers a wider variety of options.

The MD018 modules listed are available with the laser etched legends listed here.

| | |
|---|---|
| -BL | Boiler |
| -CH | Cooker Hood |
| -DW | Dishwasher |
| -FD | Fridge |
| -FF | Fridge Freezer |
| -FN | Fan |
| -FZ | Freezer |
| -HB | Hob |
| -HT | Hot Tap |
| -MW | Microwave |
| -OV | Oven |
| -TD | Tumble Dryer |
| -WC | Wine Cooler |
| -WD | Waste Disposal |
| -WDR | Warming Drawer |
| -WH | Water Heater |
| -WM | Washing Machine |

Suffix the two letters to complete the product code with legend eg. MD018CH-FN

### 10AX 13A DP Resistive Switch Modules

| | |
|---|---|
| MD018BK | DP Switch Module - Black |
| MD018PW | DP Switch Module - Polar™ White |
| MD018RD | DP Switch Module - Red |
| MD018WH | DP Switch Module - Click® White |

### Ingot 10AX 13A DP Resistive Switch Modules

| | |
|---|---|
| MD018AB | DP Switch Module - Antique Brass |
| MD018BN | DP Switch Module - Black Nickel |
| MD018BR | DP Switch Module - Polished Brass |
| MD018BS | DP Switch Module - Brushed Stainless |
| MD018CH | DP Switch Module - Polished Chrome |
| MD018PN | DP Switch Module - Pearl Nickel |
| MD018SB | DP Switch Module - Satin Brass |
| MD018SC | DP Switch Module - Satin Chrome |
| MD018SS | DP Switch Module - Stainless Steel |
| MD018MB | DP Switch Module - Matt Black |

**Standards:** BS EN 60669-1
**Cable Size (mm²):** 4 x 1.5 or 2 x 2.5
**Dimensions (mm):** 25 (W) x 53 (H) x 20 (D)

**Understanding the code:**
**MD** - Module Style **536** - Product No **BN** - Module Finish **-WM** - Legend Style

MD003WH MD003BK MD003SB MD003CH MD003BN MD003 (Back)

### 10AX 2 Way Keyswitch Modules

| | |
|---|---|
| MD003BK | 2 Way Keyswitch Module - Black |
| MD003PW | 2 Way Keyswitch Module - Polar™ White |
| MD003WH | 2 Way Keyswitch Module - Click® White |

### Ingot 10AX 2 Way Keyswitch Modules

| | |
|---|---|
| MD003AB | 2 Way Keyswitch Module - Antique Brass |
| MD003BN | 2 Way Keyswitch Module - Black Nickel |
| MD003BR | 2 Way Keyswitch Module - Polished Brass |
| MD003BS | 2 Way Keyswitch Module - Brushed Stainless |
| MD003CH | 2 Way Keyswitch Module - Polished Chrome |
| MD003PN | 2 Way Keyswitch Module - Pearl Nickel |
| MD003SB | 2 Way Keyswitch Module - Satin Brass |
| MD003SC | 2 Way Keyswitch Module - Satin Chrome |
| MD003SS | 2 Way Keyswitch Module - Stainless Steel |
| MD003MB | 2 Way Keyswitch Module - Matt Black |

### Spare Key For Keyswitch

| | |
|---|---|
| MI003 | Spare Key For Keyswitch |

MI003

**Standards:** BS EN 60669-1
**Cable Size (mm²):** 4 x 1.5 or 2 x 2.5
**Dimensions (mm):** 25 (W) x 52.5 (H) x 20 (D) **MI003:** 50 (W) x 14 (H) x 1 (D)

MD029BN

MD029BS

MD029CH

MD029
(Back)

10AX DP Keyswitch 'Emergency Test' Modules

| | |
|---|---|
| MD029BK | DP Keyswitch Module 'Emergency Test' - Black |
| MD029PW | DP Keyswitch Module 'Emergency Test' - Polar™ White |
| MD029WH | DP Keyswitch Module 'Emergency Test' - Click® White |

Ingot 10AX DP Keyswitch 'Emergency Test' Modules

| | |
|---|---|
| MD029AB | DP Keyswitch Module 'Emergency Test' - Antique Brass |
| MD029BN | DP Keyswitch Module 'Emergency Test' - Black Nickel |
| MD029BR | DP Keyswitch Module 'Emergency Test' - Polished Brass |
| MD029BS | DP Keyswitch Module 'Emergency Test' - Brushed Stainless |
| MD029CH | DP Keyswitch Module 'Emergency Test' - Polished Chrome |
| MD029PN | DP Keyswitch Module 'Emergency Test' - Pearl Nickel |
| MD029SB | DP Keyswitch Module 'Emergency Test' - Satin Brass |
| MD029SC | DP Keyswitch Module 'Emergency Test' - Satin Chrome |
| MD029SS | DP Keyswitch Module 'Emergency Test' - Stainless Steel |
| MD029MB | DP Keyswitch Module 'Emergency Test' - Matt Black |

Spare Key For Keyswitch

| | |
|---|---|
| MI003 | Spare Key For Keyswitch |

MI003

**Standards:** BS EN 60669-1
**Cable Size (mm²):** 4 x 1.5 or 2 x 2.5
**Dimensions (mm):** 25 (W) x 52.5 (H) x 20 (D)

MD046BK

MD046PW

MD046RDTT

MD046
(Back)

10AX 13A DP Resistive Keyswitch Modules

| | |
|---|---|
| MD046BK | DP Keyswitch Module - Black |
| MD046PW | DP Keyswitch Module - Polar™ White |
| MD046RD | DP Keyswitch Module - Red |
| MD046WH | DP Keyswitch Module - Click® White |
| MD046RDTT | DP Keyswitch Module 'Test' - Red |

Ingot 10AX 13A DP Resistive Keyswitch Modules

| | |
|---|---|
| MD046AB | DP Keyswitch Module - Antique Brass |
| MD046BN | DP Keyswitch Module - Black Nickel |
| MD046BR | DP Keyswitch Module - Polished Brass |
| MD046BS | DP Keyswitch Module - Brushed Stainless |
| MD046CH | DP Keyswitch Module - Polished Chrome |
| MD046PN | DP Keyswitch Module - Pearl Nickel |
| MD046SB | DP Keyswitch Module - Satin Brass |
| MD046SC | DP Keyswitch Module - Satin Chrome |
| MD046SS | DP Keyswitch Module - Stainless Steel |
| MD046MB | DP Keyswitch Module - Matt Black |

Spare Key For Keyswitch

| | |
|---|---|
| MI003 | Spare Key For Keyswitch |

MI003

**Standards:** BS EN 60669-1
**Cable Size (mm²):** 4 x 1.5 or 2 x 2.5
**Dimensions (mm):** 25 (W) x 52.5 (H) x 20 (D)

MD280

MD281

MD282

MD282 (Back)

### Indicator Modules

| | |
|---|---|
| MD280 | 240V Red Indicator Module |
| MD281 | 240V Amber Indicator Module |
| MD282 | 240V Green Indicator Module |

MD008BK

MD008PW

MD008BR

MD008 (Back)

### Blank Modules

| | |
|---|---|
| MD008BK | Blank Module - Black |
| MD008PW | Blank Module - Polar™ White |
| MD008WH | Blank Module - Click® White |

### Ingot Blank Modules

| | |
|---|---|
| MD008AB | Blank Module - Antique Brass |
| MD008BN | Blank Module - Black Nickel |
| MD008BR | Blank Module - Polished Brass |
| MD008BS | Blank Module - Brushed Stainless |
| MD008CH | Blank Module - Polished Chrome |
| MD008PN | Blank Module - Pearl Nickel |
| MD008SB | Blank Module - Satin Brass |
| MD008SC | Blank Module - Satin Chrome |
| MD008SS | Blank Module - Stainless Steel |
| MD008MB | Blank Module - Matt Black |

**Standards:** BS 5733
**Cable Size (mm²):** **280:** 4 x 1.5 or 2 x 2.5
**Dimensions (mm):** 25 (W) x 52 (H) x 20 (D) **280:** 25 (W) x 52.5 (H) x 19 (D)

MD047PW

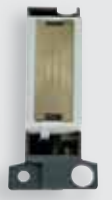
MD047BK

MD047BKSC

MD047RD

MD047BKBN

MD047BKCH


MD047WHAB

MD047 (Back)

### 13A Fused FCU Modules

| | |
|---|---|
| MD047BK | 13A Fused FCU Module - Black |
| MD047PW | 13A Fused FCU Module - Polar™ White |
| MD047RD | 13A Fused FCU Module - Red |
| MD047WH | 13A Fused FCU Module - Click® White |

### Ingot 13A Fused Connection Unit Modules

| | |
|---|---|
| MD047BKAB | FCU Module - Antique Brass |
| MD047BKBN | FCU Module - Black Nickel |
| MD047BKBR | FCU Module - Polished Brass |
| MD047BKBS | FCU Module - Brushed Stainless |
| MD047BKCH | FCU Module - Polished Chrome |
| MD047BKPN | FCU Module - Pearl Nickel |
| MD047BKSB | FCU Module - Satin Brass |
| MD047BKSC | FCU Module - Satin Chrome |
| MD047BKSS | FCU Module - Stainless Steel |
| MD047BKMB | FCU Module - Matt Black |

| | |
|---|---|
| MD047WHBR | FCU Module - Polished Brass |
| MD047WHBS | FCU Module - Brushed Stainless |
| MD047WHCH | FCU Module - Polished Chrome |
| MD047WHPN | FCU Module - Pearl Nickel |
| MD047WHSB | FCU Module - Satin Brass |
| MD047WHSC | FCU Module - Satin Chrome |
| MD047WHSS | FCU Module - Stainless Steel |

| | |
|---|---|
| MD047GYBS | FCU Module - Brushed Stainless |
| MD047GYSC | FCU Module - Satin Chrome |
| MD047GYSS | FCU Module - Stainless Steel |

**Standards:** BS 5733 BS 1362
**Cable Size (mm²):** 4 x 1.5 or 2 x 2.5
**Dimensions (mm):** 25 (W) x 57 (H) x 25.2 (D)

MD017BK

MD017PW

MD017BKSS

MD017WHPN

MD017BKCH

MD017BKPN

MD017WHSS

MD017 (Back)

Complete with cord restraint, live and neutral terminals.

### 20A Flex Outlet Modules

| | |
|---|---|
| MD017BK | Flex Outlet Module - Black |
| MD017PW | Flex Outlet Module - Polar™ White |
| MD017WH | Flex Outlet Module - Click® White |

### Ingot 20A Flex Outlet Modules

| | |
|---|---|
| MD017BKAB | Flex Outlet Module - Antique Brass |
| MD017BKBN | Flex Outlet Module - Black Nickel |
| MD017BKBR | Flex Outlet Module - Polished Brass |
| MD017BKBS | Flex Outlet Module - Brushed Stainless |
| MD017BKCH | Flex Outlet Module - Polished Chrome |
| MD017BKPN | Flex Outlet Module - Pearl Nickel |
| MD017BKSB | Flex Outlet Module - Satin Brass |
| MD017BKSC | Flex Outlet Module - Satin Chrome |
| MD017BKSS | Flex Outlet Module - Stainless Steel |
| MD017BKMB | Flex Outlet Module - Matt Black |
| MD017WHBR | Flex Outlet Module - Polished Brass |
| MD017WHBS | Flex Outlet Module - Brushed Stainless |
| MD017WHCH | Flex Outlet Module - Polished Chrome |
| MD017WHPN | Flex Outlet Module - Pearl Nickel |
| MD017WHSB | Flex Outlet Module - Satin Brass |
| MD017WHSC | Flex Outlet Module - Satin Chrome |
| MD017WHSS | Flex Outlet Module - Stainless Steel |
| MD017GYBS | Flex Outlet Module - Brushed Stainless |
| MD017GYSC | Flex Outlet Module - Satin Chrome |
| MD017GYSS | Flex Outlet Module - Stainless Steel |

**Standards:** BS 5733
**Cable Size (mm²):** 4 x 1.5 or 2 x 2.5
**Dimensions (mm):** 25 (W) x 56.5 (H) x 30 (D) **Flex outlet dia. (mm):** 11

MD005BK


MD005AB


MD005WH


MD005 (Back)

### 10AX 1 Way Retractive 'Bell' Switch Modules

| | |
|---|---|
| MD005BK | 1 Way Retractive Switch Module 'Bell' - Black |
| MD005PW | 1 Way Retractive Switch Module 'Bell' - Polar™ White |
| MD005WH | 1 Way Retractive Switch Module 'Bell' - Click® White |

### Ingot 10AX 1 Way Retractive 'Bell' Switch Modules

| | |
|---|---|
| MD005AB | 1 Way Retractive Switch Module 'Bell' - Antique Brass |
| MD005BN | 1 Way Retractive Switch Module 'Bell' - Black Nickel |
| MD005BR | 1 Way Retractive Switch Module 'Bell' - Polished Brass |
| MD005BS | 1 Way Retractive Switch Module 'Bell' - Brushed Stainless |
| MD005CH | 1 Way Retractive Switch Module 'Bell' - Polished Chrome |
| MD005PN | 1 Way Retractive Switch Module 'Bell' - Pearl Nickel |
| MD005SB | 1 Way Retractive Switch Module 'Bell' - Satin Brass |
| MD005SC | 1 Way Retractive Switch Module 'Bell' - Satin Chrome |
| MD005SS | 1 Way Retractive Switch Module 'Bell' - Stainless Steel |
| MD005MB | 1 Way Retractive Switch Module 'Bell' - Matt Black |

**Standards:** BS EN 60669-1
**Cable Size (mm²):** 4 x 1.5 or 2 x 2.5
**Dimensions (mm):** 25 (W) x 53 (H) x 20 (D)

MD070PW MD070BK MD070AB MD070BN

MD070BR MD070BS MD070CH MD070 (Back)

### 10A 3 Position Switch Modules

| | |
|---|---|
| MD070BK | 3 Position Switch Module - Black |
| MD070PW | 3 Position Switch Module - Polar™ White |
| MD070WH | 3 Position Switch Module - Click® White |

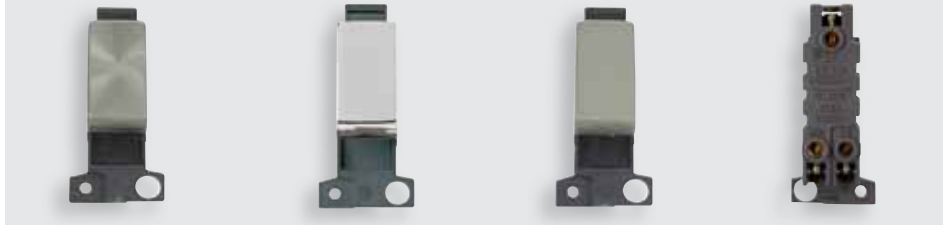
### Ingot 10A 3 Position Switch Modules

| | |
|---|---|
| MD070AB | 3 Position Switch Module - Antique Brass |
| MD070BN | 3 Position Switch Module - Black Nickel |
| MD070BR | 3 Position Switch Module - Polished Brass |
| MD070BS | 3 Position Switch Module - Brushed Stainless |
| MD070CH | 3 Position Switch Module - Polished Chrome |
| MD070PN | 3 Position Switch Module - Pearl Nickel |
| MD070SB | 3 Position Switch Module - Satin Brass |
| MD070SC | 3 Position Switch Module - Satin Chrome |
| MD070SS | 3 Position Switch Module - Stainless Steel |
| MD070MB | 3 Position Switch Module - Matt Black |

All 3 position switches feature a central off position.

**Standards:** BS EN 60669-1
**Cable Size (mm²):** 4 x 1.5 or 2 x 2.5
**Dimensions (mm):** 25 (W) x 57 (H) x 27 (D)

MD075PW MD075BK MD075AB MD075BN



MD075BS MD075CH MD075PN MD075 (Back)

### 10A 3 Position Retractive Switch Modules

| | |
|---|---|
| MD075BK | 3 Position Retractive Switch Module - Black |
| MD075PW | 3 Position Retractive Switch Module - Polar™ White |
| MD075WH | 3 Position Retractive Switch Module - Click® White |

### Ingot 10A 3 Position Retractive Switch Modules

| | |
|---|---|
| MD075AB | 3 Position Retractive Switch Module - Antique Brass |
| MD075BN | 3 Position Retractive Switch Module - Black Nickel |
| MD075BR | 3 Position Retractive Switch Module - Polished Brass |
| MD075BS | 3 Position Retractive Switch Module - Brushed Stainless |
| MD075CH | 3 Position Retractive Switch Module - Polished Chrome |
| MD075PN | 3 Position Retractive Switch Module - Pearl Nickel |
| MD075SB | 3 Position Retractive Switch Module - Satin Brass |
| MD075SC | 3 Position Retractive Switch Module - Satin Chrome |
| MD075SS | 3 Position Retractive Switch Module - Stainless Steel |
| MD075MB | 3 Position Retractive Switch Module - Matt Black |

3 position retractive switches are "push-to-make" and feature a central off position

**Standards:** BS EN 60669-1
**Cable Size (mm²):** 4 x 1.5 or 2 x 2.5
**Dimensions (mm):** 25 (W) x 57 (H) x 27 (D)

10A 3 Pole Lockable Fan Isolation Modules (Twin Width)

| | |
|---|---|
| MD220BK | 3 Pole Lockable Fan Switch Module - Black |
| MD220PW | 3 Pole Lockable Fan Switch Module - Polar™ White |
| MD220WH | 3 Pole Lockable Fan Switch Module - Click® White |

10A 3 Pole Fan Isolation Modules (Twin Width)

| | |
|---|---|
| MD020BK | 3 Pole Fan Isolation Switch Module - Black |
| MD020PW | 3 Pole Fan Isolation Switch Module - Polar™ White |
| MD020WH | 3 Pole Fan Isolation Switch Module - Click® White |

Ingot 10A 3 Pole Fan Isolation Modules (Twin Width)

| | |
|---|---|
| MD020AB | 3 Pole Fan Isolation Switch Module - Antique Brass |
| MD020BN | 3 Pole Fan Isolation Switch Module - Black Nickel |
| MD020BR | 3 Pole Fan Isolation Switch Module - Polished Brass |
| MD020BS | 3 Pole Fan Isolation Switch Module - Brushed Stainless |
| MD020CH | 3 Pole Fan Isolation Switch Module - Polished Chrome |
| MD020PN | 3 Pole Fan Isolation Switch Module - Pearl Nickel |
| MD020SB | 3 Pole Fan Isolation Switch Module - Satin Brass |
| MD020SC | 3 Pole Fan Isolation Switch Module - Satin Chrome |
| MD020SS | 3 Pole Fan Isolation Switch Module - Stainless Steel |
| MD020MB | 3 Pole Fan Isolation Switch Module - Matt Black |

**Standards:** BS EN 60669-2-4 BS EN 60669-1
**Cable Size (mm²):** 4 x 1.5 or 2 x 2.5
**Dimensions (mm):** 41 (W) x 52.5 (H) x 22 (D)

20A 2 Way Switch Modules (Twin Width)

| | |
|---|---|
| MD024BK | 2 Way Switch Module - Black |
| MD024PW | 2 Way Switch Module - Polar™ White |
| MD024WH | 2 Way Switch Module - Click® White |

Ingot 20A 2 Way Switch Modules (Twin Width)

| | |
|---|---|
| MD024BN | 2 Way Switch Module - Black Nickel |
| MD024BS | 2 Way Switch Module - Brushed Stainless |
| MD024CH | 2 Way Switch Module - Polished Chrome |
| MD024SC | 2 Way Switch Module - Satin Chrome |
| MD024SS | 2 Way Switch Module - Stainless Steel |
| MD024MB | 2 Way Switch Module - Matt Black |

20A 2 Way Retractive Switch Modules (Twin Width)

| | |
|---|---|
| MD204PW | 2 Way Retractive Switch Module - Polar™ White |

32A DP Switch Modules (Twin Width)

| | |
|---|---|
| MD032BK | DP Switch Module - Black |
| MD032PW | DP Switch Module - Polar™ White |
| MD032WH | DP Switch Module - Click® White |

Ingot 32A DP Switch Modules (Twin Width)

| | |
|---|---|
| MD032BN | DP Switch Module - Black Nickel |
| MD032BS | DP Switch Module - Brushed Stainless |
| MD032CH | DP Switch Module - Polished Chrome |
| MD032SC | DP Switch Module - Satin Chrome |
| MD032SS | DP Switch Module - Stainless Steel |
| MD032MB | DP Switch Module - Matt Black |

**Standards:** BS EN 60669-1
**Cable Size (mm²):** 3 x 2.5 or 2 x 4 **MD032:** 4 x 2.5 or 2 x 4
**Dimensions (mm):** 41 (W) x 52.5 (H) x 22 (D)

MD022BK MD022BS-BL

MD022SB-TD MD022 (Back)

IN HOUSE LASER ETCHING
Our in house laser printer provides flexibility to suit large volume batch or custom jobs. The precision, permanent, fine marking effect is customisable, offering you and your customers a wider variety of options.

The MD022 modules listed are available with the laser etched legends listed here.

| | |
|---|---|
| -BL | Boiler |
| -CH | Cooker Hood |
| -DW | Dishwasher |
| -FD | Fridge |
| -FF | Fridge Freezer |
| -FN | Fan |
| -FZ | Freezer |
| -HB | Hob |
| -HT | Hot Tap |
| -MW | Microwave |
| -OV | Oven |
| -TD | Tumble Dryer |
| -WC | Wine Cooler |
| -WD | Waste Disposal |
| -WDR | Warming Drawer |
| -WH | Water Heater |
| -WM | Washing Machine |

Suffix the two letters to complete the product code with legend eg. MD022CH-FN

### 20A DP Switch Modules (Twin Width)

| | |
|---|---|
| MD022BK | DP Switch Module - Black |
| MD022PW | DP Switch Module - Polar™ White |
| MD022WH | DP Switch Module - Click® White |

### Ingot 20A DP Switch Modules (Twin Width)

| | |
|---|---|
| MD022AB | DP Switch Module - Antique Brass |
| MD022BN | DP Switch Module - Black Nickel |
| MD022BR | DP Switch Module - Polished Brass |
| MD022BS | DP Switch Module - Brushed Stainless |
| MD022CH | DP Switch Module - Polished Chrome |
| MD022PN | DP Switch Module - Pearl Nickel |
| MD022SB | DP Switch Module - Satin Brass |
| MD022SC | DP Switch Module - Satin Chrome |
| MD022SS | DP Switch Module - Stainless Steel |
| MD022MB | DP Switch Module - Matt Black |

**Standards:** BS EN 60669-1
**Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** 41 (W) x 52.5 (H) x 22 (D)

**Understanding the code:**

**MD** - Module Style **536** - Product No **BN** - Module Finish **WM** - Legend Style

MD023BK MD023CH

MD023PN-FF MD023 (Back)

IN HOUSE LASER ETCHING
Our in house laser printer provides flexibility to suit large volume batch or custom jobs. The precision, permanent, fine marking effect is customisable, offering you and your customers a wider variety of options.

The MD023 modules listed are available with the laser etched legends listed here.

| | |
|---|---|
| -BL | Boiler |
| -CH | Cooker Hood |
| -DW | Dishwasher |
| -FD | Fridge |
| -FF | Fridge Freezer |
| -FN | Fan |
| -FZ | Freezer |
| -HB | Hob |
| -HT | Hot Tap |
| -MW | Microwave |
| -OV | Oven |
| -TD | Tumble Dryer |
| -WC | Wine Cooler |
| -WD | Waste Disposal |
| -WDR | Warming Drawer |
| -WH | Water Heater |
| -WM | Washing Machine |

Suffix the two letters to complete the product code with legend eg. MD023CH-FN

### 20A DP Switch Modules With Neon (Twin Width)

| | |
|---|---|
| MD023BK | DP Switch With Neon Module - Black |
| MD023PW | DP Switch With Neon Module - Polar™ White |
| MD023WH | DP Switch With Neon Module - Click® White |

### Ingot 20A DP Switch Modules With Neon (Twin Width)

| | |
|---|---|
| MD023AB | DP Switch With Neon Module - Antique Brass |
| MD023BN | DP Switch With Neon Module - Black Nickel |
| MD023BR | DP Switch With Neon Module - Polished Brass |
| MD023BS | DP Switch With Neon Module - Brushed Stainless |
| MD023CH | DP Switch With Neon Module - Polished Chrome |
| MD023PN | DP Switch With Neon Module - Pearl Nickel |
| MD023SB | DP Switch With Neon Module - Satin Brass |
| MD023SC | DP Switch With Neon Module - Satin Chrome |
| MD023SS | DP Switch With Neon Module - Stainless Steel |
| MD023MB | DP Switch With Neon Module - Matt Black |

**Standards:** BS EN 60669-1
**Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** 41 (W) x 52.5 (H) x 22 (D)

**Understanding the code:**

**MD** - Module Style **536** - Product No **BN** - Module Finish **WM** - Legend Style

MD150WH

MD150CH

Dimmer module not supplied - see page K38.
Mounting nut & washer supplied with dimmer module.

The Click® dimmer module mounting kit is double aperture size and is suitable for mounting on all existing MiniGrid® blank plates, whether they be moulded or decorative metal plates. Please refer to our dedicated range catalogues for product codes of available plates.

The dimmer module mounting kits comprise a module mount frame, operating knob and innovative nut runner to facilitate the fixing of the locking nut. Locking nut and washer supplied with the Click® dimmer modules.

The decorative operating knob and the mount frame are finished in the same design as the selected wall plates. Equally, they may be mounted on contrasting plate finish to produce a particular decorative effect.

## Ingot Dimmer Module Mounting Kits (Twin Width) - Dimmer Modules Not Supplied

| | |
|---|---|
| MD150AB | Dimmer Module Mounting Kit - Antique Brass |
| MD150BK | Dimmer Module Mounting Kit - Black |
| MD150BN | Dimmer Module Mounting Kit - Black Nickel |
| MD150BR | Dimmer Module Mounting Kit - Polished Brass |
| MD150BS | Dimmer Module Mounting Kit - Brushed Stainless |
| MD150CH | Dimmer Module Mounting Kit - Polished Chrome |
| MD150PN | Dimmer Module Mounting Kit - Pearl Nickel |
| MD150PW | Dimmer Module Mounting Kit - Polar™ White |
| MD150SB | Dimmer Module Mounting Kit - Satin Brass |
| MD150SC | Dimmer Module Mounting Kit - Satin Chrome |
| MD150SS | Dimmer Module Mounting Kit - Stainless Steel |
| MD150WH | Dimmer Module Mounting Kit - Click® White |
| MD150MB | Dimmer Module Mounting Kit - Matt Black |

Requires separate ON / OFF switch. This can also be added to the accessory ranges where shown

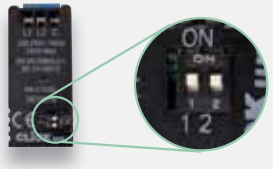
**Standards:** BS 5733
**Dimensions (mm):** 41 (W) x 52.5 (H) x 13.2 (D)

MD9001 | MD9010

MD9014

SP900

Use the nut runner to easily exchange dimmer modules and create customised dimmer switch plate.




MD9014
(Back)

1 Switch 1 allows the minimum brightness to be adjusted

2 Switch 2 allows the dimming mode to be adjusted

Eliminate dimmer flickering

Our new dimmer is much easier to program than regular dimmers because of the two small switches on the back of the module. This allows the dimmer to be programmed without removing from the plate.

## Dimmer Modules

| | |
|---|---|
| MD9001 | 6A 2 Way Push On / Off (Non-Dimming) Module (25 x 62mm) |
| MD9010 | 1-10V Analogue Dimmer Module (25 x 62mm)<br>Requires separate ON / OFF switch. This can also be added to the accessory ranges where shown. |
| MD9014 | 100W Dual Mode Dimmer Module with Trim (26.5 x 55mm)<br>Due to the reduced height, the MD9014 is suitable for mounting directly above each other on multi-tier plates. |

## Dimmer M10 Nut Runner

| | |
|---|---|
| SP900 | Dimmer M10 Nut Runner Tool |

Use the nut runner to easily exchange dimmer modules and create customised dimmer switch plate

**Standards:** BS EN 60669-1 BS EN 55015 BS EN 61000-3-2 BS EN 61000-3-3 **9001:** BS EN 60669-1
**9014:** BS EN 60669 BS EN 55015 BS EN 61000
**Cable Size (mm²):** 2 x 1.5
**Dimensions (mm):** 25.5 (W) x 67 (H) x 23.2 (D) **9014:** 25 (W) x 57.5 (H) x 24.2 (D) **900:** 40 (W) x 40 (H) x 22.5 (D)
**Type:** **9001:** None (On & Off Only) **9010:** Analogue **9014:** Trailing & Leading Edge

MD9102AB

MD9102BR

MD9102BN

MD9102
(Back)

MD9125PN

MD9125CH

MD9125BN

MD9125
(Back)

Toggle Modules only fit in existing toggle plates.

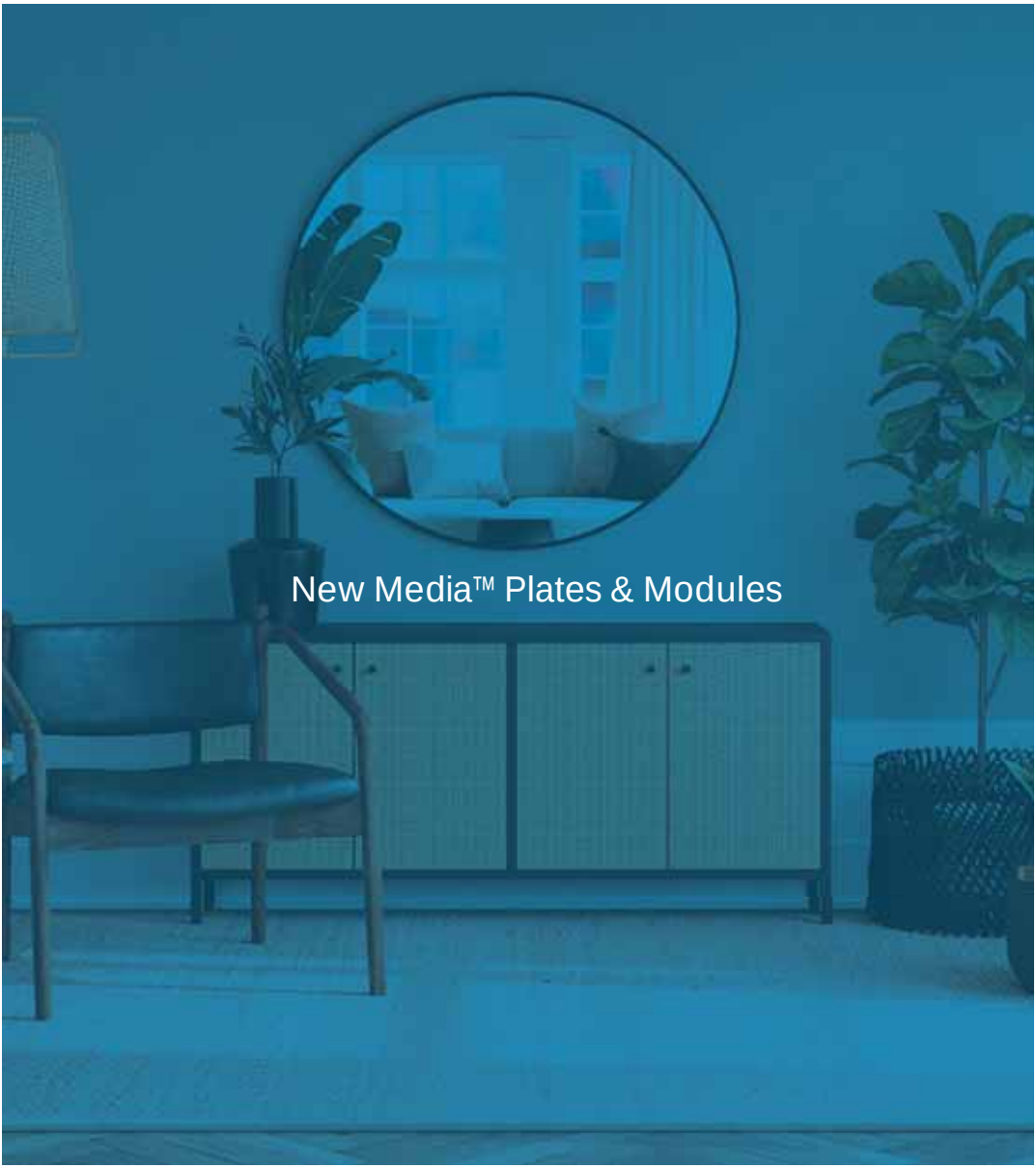
### 10AX 2 Way Toggle Switch Modules

| | |
|---|---|
| MD9102AB | 2 Way Toggle Switch Module - Antique Brass |
| MD9102BN | 2 Way Toggle Switch Module - Black Nickel |
| MD9102BR | 2 Way Toggle Switch Module - Polished Brass |
| MD9102CH | 2 Way Toggle Switch Module - Polished Chrome |
| MD9102PN | 2 Way Toggle Switch Module - Pearl Nickel |
| MD9102MB | 2 Way Toggle Switch Module - Matt Black |

### 10AX Intermediate Toggle Switch Modules

| | |
|---|---|
| MD9125AB | Intermediate Toggle Switch Module - Antique Brass |
| MD9125BN | Intermediate Toggle Switch Module - Black Nickel |
| MD9125BR | Intermediate Toggle Switch Module - Polished Brass |
| MD9125CH | Intermediate Toggle Switch Module - Polished Chrome |
| MD9125PN | Intermediate Toggle Switch Module - Pearl Nickel |
| MD9125MB | Intermediate Toggle Switch Module - Matt Black |

**Standards:** BS EN 60669-1
**Cable Size (mm²):** 4 x 1.5 or 2 x 2.5
**Dimensions (mm):** 25 (W) x 62 (H) x 22 (D)


New Media™ Plates & Modules

new media™

## Solutions for all manner of Media Cabling Problems

The modern home is now more than a mere home. It doubles up occasionally as a cinema, concert hall, meeting venue and computer room etc. Each of these functions brings with it its own **unique requirements in terms of the provision of necessary services** such as telephone or satellite sockets etc.

Even in recent memory designers and builders did not think beyond providing a perfunctory level of electrical switches, sockets and pendant light fittings in a new home. Nowadays, as well as providing an ever increasing number of these items, provision must be made for the myriad different electrical and electronic products which proliferate our homes.

Traditionally, products such as telephone and TV coaxial sockets etc. have all been supplied built into a standard size wall plate. The environment in today's office and home however requires a number of services to be provided to a specific work station or convenient access point. The most flexible and efficient means of doing this is the use of modules on a multiple aperture plate.

**The New Media™** range illustrated in the following pages encompasses a wide range of media and power modules, providing the designer and installer a host of solutions for all manner of media cabling problems.

20 YR WARRANTY

# 20 Year Warranty

**All New Media™ plates are** covered by our 20 year warranty against any fault in materials or manufacture experienced at any time within 20 years of the date of supply.

**New Media™ plates are available in a variety of 11 distinctive quality** finishes: Matt Black (only available with black inserts), Antique Brass*, Polished Brass, Polished Chrome, Satin Chrome*, Satin Brass*, Black Nickel, Pearl Nickel, Brushed Stainless*, Stainless Steel and Polar White.

## New Media™ unique product codes

When ordering any New Media™ products, please specify the required finish by following **the simple code structure as** demonstrated here.

| MP | 608 | SC | BK |
|---|---|---|---|
| Plate Style | Product Number | Plate Finish | Insert Finish (if applicable) |

## Contents


| | |
|---|---|
| **New Media™ Plates** | **L5** |
| Deco Plus® Unfurnished Plates | **L9** |
| Deco® Unfurnished Plates | **L10** |
| Define® Unfurnished Plates | **L11** |
| Definity™ Unfurnished Plates | **L12** |
| **Mode®** Unfrunished Plates | **L13** |
| Part M™ Unfrunished Plates | **L13** |
| Polar™ Unfurnished Plates | **L13** |
| Metal Clad Unfurnished Plates | **L14** |
| **New Media™ Modules** | **L16** |
| Typical Sky+ Installation | **L24** |
| Typical Sky+ HD Installation | **L25** |
| Technical Details | **L26** |


*UK Design Registration 3015621.

# New Media™ Plates

The brief given to our designers charged with the task of developing the **New Media™** range was to produce a comprehensive yet flexible and user **friendly 'system' which enables the installer to easily create topical media** and power cabling solutions.

**All of the modules featured in this brochure are of the standard euro** grid configuration based on 1 aperture modules of 25 x 50mm. Mounting plates are available as wall or floor plates and can accommodate 1 - 16 modules according to requirements.

Instead of numerous unsightly individual sockets, a single New **Media™** plate can be used at a convenient point to bring together any combination of media modules. The individual modules are available in black, white or grey finishes and are suitable for mounting on blank plates from selected accessory ranges, namely the Polar™ **and Mode®** moulded accessory ranges, the Click® metal clad range plus the Deco **Plus®**, Deco®, Define® and Definity™ decorative metal ranges.

The furnished plates illustrated here contain 6 x 1 aperture and 1 x 2 aperture media modules (left) and 4 x 2 aperture 13A socket outlet modules (right).

MP508

MP608

**Small Unfurnished Front Plates - 8 Apertures** Requires MP520 flush back box and MP510 Yoke. see page L8.

| | |
|---|---|
| MP508AB | Small New Media™ Unfurnished Front Plate - 8 Apertures - Antique Brass |
| MP508BR | Small New Media™ Unfurnished Front Plate - 8 Apertures - Polished Brass |
| MP508PN | Small New Media™ Unfurnished Front Plate - 8 Apertures - Pearl Nickel |
| MP508SB | Small New Media™ Unfurnished Front Plate - 8 Apertures - Satin Brass |

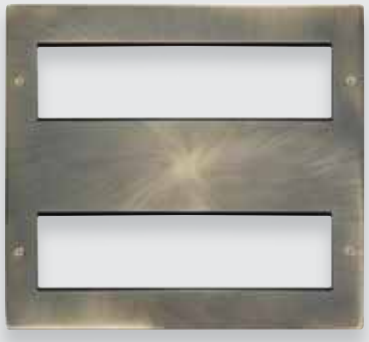
**Small New Media™ Unfurnished Front Plate & Yoke - 8 Apertures**

| | |
|---|---|
| CMA608 | Small New Media™ Unfurnished Front Plate & Yoke - 8 Apertures - White |
| MP608** | Small New Media™ Unfurnished Front Plate & Yoke - 8 Apertures |

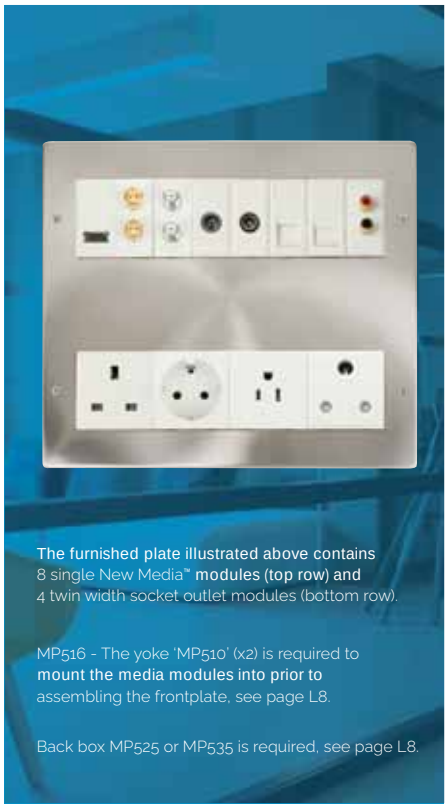
**Standards: BS 5733**
**Back Box Depth (mm):** MP520 (47)
**Dimensions (mm):** 254 (W) x 91 (H) x 9 (D) **CMA608:** 248 (W) x 86 (H) x 9.5 (D)

**Understanding the code:**
**MP** - Plate Style **508** - Product No. **BN** - Insert Colour. **AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **BN** Black Nickel, **PN** Pearl Nickel, **BS** Brushed Stainless, **SS** Stainless Steel, **PW** Polar White, **MB** Matt Black.

MP516



MP616



The furnished plate illustrated above contains 8 single New Media™ modules (top row) and 4 twin width socket outlet modules (bottom row).

MP516 - The yoke 'MP510' (x2) is required to mount the media modules into prior to assembling the frontplate, see page L8.

Back box MP525 or MP535 is required, see page L8.

### Large Unfurnished Front Plates - 2 x 8 Apertures

| | |
|---|---|
| MP516AB | Large New Media™ Unfurnished Front Plate - 2 x 8 Apertures - Antique Brass |
| MP516BN | Large New Media™ Unfurnished Front Plate - 2 x 8 Apertures - Black Nickel |
| MP516BR | Large New Media™ Unfurnished Front Plate - 2 x 8 Apertures - Polished Brass |
| MP516BS | Large New Media™ Unfurnished Front Plate - 2 x 8 Apertures - Brushed Stainless |
| MP516CH | Large New Media™ Unfurnished Front Plate - 2 x 8 Apertures - Polished Chrome |
| MP516PN | Large New Media™ Unfurnished Front Plate - 2 x 8 Apertures - Pearl Nickel |
| MP516SS | Large New Media™ Unfurnished Front Plate - 2 x 8 Apertures - Stainless Steel |

### Large New Media™ Unfurnished Front Plate & Yoke - 2 x 8 Apertures

| | |
|---|---|
| CMA616 | Large New Media™ Unfurnished Front Plate & Yokes - 2 x 8 Apertures - White |
| MP616** | Large New Media™ Unfurnished Front Plate & Yoke - 2 x 8 Apertures |

**Standards:** BS 5733
**Back Box Depth (mm):** MP535 (35) Or MP525 (47)
**Dimensions (mm):** 250 (W) x 216 (H) x 8 (D) **616:** 248 (W) x 214 (H) x 9.5 (D)

**Understanding the code:**
**MP** - Plate Style **508** - Product No. **BN** - Plate Finish. **AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **BN** Black Nickel, **PN** Pearl Nickel, **BS** Brushed Stainless, **SS** Stainless Steel, **PW** Polar White, **MB** Matt Black.

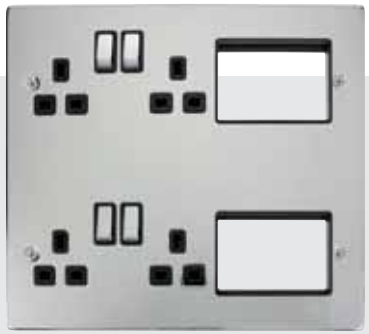
MP603SCBK

MP603CHWH

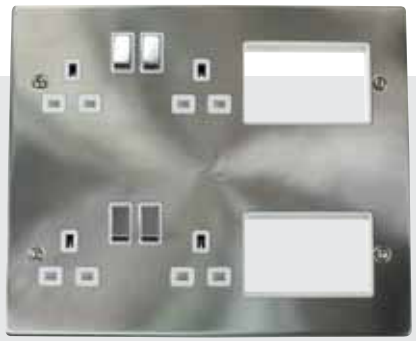
### Half New Media Semi-Modular Part Furnished Plate

| | |
|---|---|
| CMA603 | Half New Media Part Furnished Front Plate - 2 X 13A DP Switched Sockets & 3 Apertures |
| MP603CHWH | Half New Media Part Furnished Front Plate - 2 X 13A DP Switched Sockets & 3 Apertures |
| MP603SCWH | Half New Media Part Furnished Front Plate - 2 X 13A DP Switched Sockets & 3 Apertures |
| MP603CHBK | Half New Media Part Furnished Front Plate - 2 X 13A DP Switched Sockets & 3 Apertures |
| MP603MBBK | Half New Media Part Furnished Front Plate - 2 X 13A DP Switched Sockets & 3 Apertures |
| MP603SBBK | Half New Media Part Furnished Front Plate - 2 X 13A DP Switched Sockets & 3 Apertures |
| MP603SCBK | Half New Media Part Furnished Front Plate - 2 X 13A DP Switched Sockets & 3 Apertures |

Supplied with 2 x 13A switched sockets. Back box MP520 required, see following page.



MP606CHBK



MP606SCWH

Product is supplied with 4 x 13A DP switched sockets. Back box MP525 or MP535 required, see following page.

### 2 Tier Semi-Modular Unfurnished Plates

| | |
|---|---|
| CMA606 | Large New Media™ Part Furnished Front Plate - 4 x 13A DP Switched Sockets & 2 x 3 Apertures |
| MP606CHBK | Large New Media™ Part Furnished Front Plate - 4 x 13A DP Switched Sockets & 2 x 3 Apertures |
| MP606CHWH | Large New Media™ Part Furnished Front Plate - 4 x 13A DP Switched Sockets & 2 x 3 Apertures |
| MP606SCBK | Large New Media™ Part Furnished Front Plate - 4 x 13A DP Switched Sockets & 2 x 3 Apertures |
| MP606SCWH | Large New Media™ Part Furnished Front Plate - 4 x 13A DP Switched Sockets & 2 x 3 Apertures |
| MP606MBBK | Large New Media™ Part Furnished Front Plate - 4 x 13A DP Switched Sockets & 2 x 3 Apertures |

**Standards:** BS 1363-2
**Back Box Depth (mm):** **603:** MP520 (47) **606:** MP535 (35) Or MP525 (47) **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** **603:** 250 (W) x 86 (H) x 8 (D) **606:** 250 (W) x 216 (H) x 8 (D)

**Understanding the code:**
**MP** - Plate Style **508** - Product No. **BN** - Plate Finish. **BK** - Insert Finish.
**SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **PW** Polar White, **MB** Matt Black.

MP510

MP520

MP525 | MP535

### Yoke

MP510 New Media™ Yoke - 8 Apertures

### Divider Plates

MP521 Divider Plate 47mm Deep for MP520 (76mm x 44mm)

MP526 Divider Plate 47mm Deep for MP525 (93mm x 44mm)

MP536 Divider Plate 35mm Deep for MP535

### Back Boxes

MP520 47mm Deep New Media™ Back Box - 8 Apertures

MP525 47mm Deep New Media™ Back Box With Central Divider - 2 x 8 Apertures

MP535 35mm Deep New Media™ Back Box With Central Divider - 2 x 8 Apertures

Galvanised steel back boxes supplied for flush mounting of Media Plates. Mounting yoke facilitates pre-assembly of required modules. Fitted with twin earth terminals. Divider plates can be installed as necessary in order to screen sensitive modules.

**Standards:** BS 5733
**Cutout (mm):** **520:** 225 (W) x 75 (H) **525 535:** 225 (W) x 194 (H)
**Dimensions (mm):** **510:** 238 (W) x 75 (H) x 13 (D) **521:** 76 (W) x 44 (H) x 1 (D) **526:** 93 (W) x 44 (H) x 1 (D)
**536:** 93 (W) x 34 (H) x 1 (D) **520:** 225 (W) x 75 (H) x 47 (D) **525:** 225 (W) x 194 (H) x 47 (D) **535:** 225 (W) x 194 (H) x 35 (D)

DPCH310 DPSB311 DPBN312

deco PLUS™

### Unfurnished Plates - New Media™

310 1 Gang New Media™ Unfurnished Plate - 1 Aperture

311 1 Gang New Media™ Unfurnished Plate - 2 Apertures

312 2 Gang New Media™ Unfurnished Plate - 4 Apertures

**Standards:** BS 5733
**Back Box Depth (mm):** Dependent On Modules Fitted
**Dimensions (mm):** **1 Gang:** 88 (W) x 88 (H) x 8 (D) **2 Gang:** 146 (W) x 88 (H) x 8 (D)

**Understanding the code:**
**DP** - Plate Style **BN** - Plate Finish **536** - Product No.
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome, **BN** Black Nickel, **SS** Stainless Steel, **MB** Matt Black

VPAB310

VPBN311

VPCH312

deco®

Unfurnished Plates - New Media™

310 1 Gang New Media™ Unfurnished Plate - 1 Aperture

311 1 Gang New Media™ Unfurnished Plate - 2 Apertures

312 2 Gang New Media™ Unfurnished Plate - 4 Apertures

**Standards:** BS 5733
**Back Box Depth (mm):** Dependent On Modules Fitted
**Dimensions (mm):** **1 Gang:** 88 (W) x 88 (H) x 8 (D) **2 Gang:** 146 (W) x 88 (H) x 8 (D)

**Understanding the code:**
**VP** - Plate Style **BN** - Plate Finish **011** - Product No.
**AB** Antique Brass, **BR** Polished Brass, **SB** Satin Brass, **CH** Polished Chrome, **SC** Satin Chrome,
**BN** Black Nickel, **SS** Stainless Steel, **PN** Pearl Nickel, **MB** Matt Black.

FPBS310

FPCH311

FPPN312

define®

Unfurnished Plates - New Media™

310 1 Gang New Media™ Unfurnished Plate - 1 Aperture

311 1 Gang New Media™ Unfurnished Plate - 2 Apertures

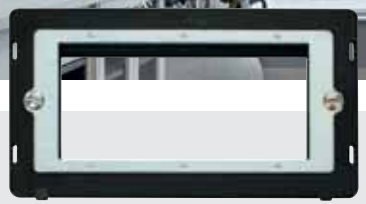
312 2 Gang New Media™ Unfurnished Plate - 4 Apertures

**Standards:** BS 5733
**Back Box Depth (mm):** Dependent On Modules Fitted
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 1.3 (D) **2 Gang:** 146 (W) x 88 (H) x 1.3 (D)

**Understanding the code:**
**FP** - Plate Style **BN** - Plate Finish **311** - Product No. **BK** - Insert Colour.
**BS** Brushed Stainless, **BN** Black Nickel , **PN** Pearl Nickel, **CH** Polished Chrome and **SS** Stainless Steel

SIN310BK

SIN311BK



SIN312BK

SCP310CH

SCP311SS

SCP312BS

definity™

New Media™ Unfurnished Plate Inserts

| | |
|---|---|
| SIN310BK | 1 Gang New Media™ Unfurnished Plate Insert - 1 Aperture |
| SIN311BK | 1 Gang New Media™ Unfurnished Plate Insert - 2 Apertures |
| SIN312BK | 2 Gang New Media™ Unfurnished Plate Insert - 4 Apertures |

New Media™ Cover Plates

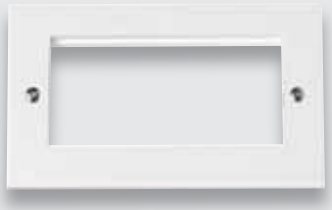
| | |
|---|---|
| SCP310 | 1 Gang New Media™ Cover Plate - 1 Aperture |
| SCP311 | 1 Gang New Media™ Cover Plate - 2 Apertures |
| SCP312 | 2 Gang New Media™ Cover Plate - 4 Apertures |

**Standards:** **Inserts:** BS 5733
**Back Box Depth (mm):** Dependent On Modules Fitted
**Dimensions (mm):** **1 Gang:** 86 (W) x 86 (H) x 4 (D) **2 Gang:** 146 (W) x 86 (H) x 4 (D)

**Understanding the code:**
**SIN** - Insert Prefix **311** - Product No **BK** - Insert Colour **SS** - 'INGOT' Switch Finish (if applicable).
**SCP** - Definity™ Cover Plate Prefix **311** - Product No **SS** - Plate Colour. Definity™ plates are coated stainless steel
**CH** Chrome, **SS** Stainless Steel, **BS** Brushed Stainless, **PW** Polar White, **BK** Matt Black, **MW** Metal White, **RD** Red & **MB** Metal Black.

CMA310

CMA311AG



PRW312

## MODE®

Mode® Unfurnished Plates - New Media™

| | |
|---|---|
| CMA310 | 1 Gang New Media™ Unfurnished Plate - 1 Aperture |
| CMA311 | 1 Gang New Media™ Unfurnished Plate - 2 Apertures |
| CMA312 | 2 Gang New Media™ Unfurnished Plate - 4 Apertures |

## Part M Range™

Part M Range™ Unfurnished Plates - New Media™

| | |
|---|---|
| CMA310AG | 1 Gang New Media™ Unfurnished Plate - 1 Aperture |
| CMA311AG | 1 Gang New Media™ Unfurnished Plate - 2 Apertures |
| CMA312AG | 2 Gang New Media™ Unfurnished Plate - 4 Apertures |

## polar™

Polar™ Unfurnished Plates - New Media™

| | |
|---|---|
| PRW310 | 1 Gang New Media™ Unfurnished Plate - 1 Aperture |
| PRW311 | 1 Gang New Media™ Unfurnished Plate - 2 Apertures |
| PRW312 | 2 Gang New Media™ Unfurnished Plate - 4 Apertures |

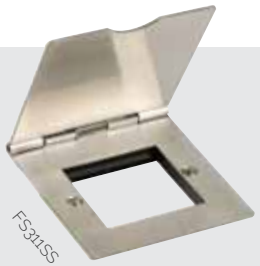
**Standards:** BS 5733
**Back Box Depth (mm):** Dependent On Modules Fitted
**Dimensions (mm):** **Mode® & Part M™: 1 Gang:** 86 (W) x 86 (H) x 9.5 (D) **2 Gang:** 146 (W) x 86 (H) x 9.5 (D)
**Polar™: 1 Gang:** 86 (W) x 86 (H) x 11 (D) **2 Gang:** (146 (W) x 86 (H) x 11 (D)

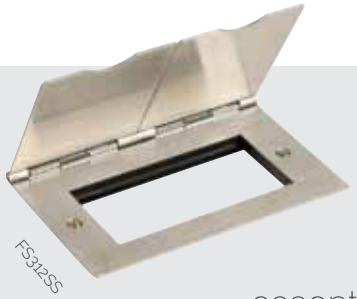
Plates Complete With 40mm Deep Back Box
For more Back Boxes see page N4

essentials™

### Unfurnished Plates - New Media™ c / w 40mm Mounting Box

| | |
|---|---|
| CL311 | 1 Gang New Media™ Unfurnished Plate - 2 Apertures |
| CL312 | 2 Gang New Media™ Unfurnished Plate - 4 Apertures |




essentials™

### Unfurnished Floor Plates - For Use With New Media™ Modules

| | |
|---|---|
| FS311SS | 1 Gang New Media™ Unfurnished Floor Plate - 2 Apertures |
| FS312SS | 2 Gang New Media™ Unfurnished Floor Plate - 4 Apertures |

**Standards:** BS 5733
**Back Box Depth (mm):** 40
**Dimensions (mm): CL311:** 80 (W) x 80 (H) x 42 (D) **CL312:** 140 (W) x 80 (H) x 42 (D) **FS311SS:** 86 (W) x 93 (D) x 5 (H)
**FS312SS:** 146 (W) x 93 (D) x 5 (H)

The New Media™ modules offer a flexible build solution to a host of individual media transfer requirements. The clip fit grid modules are simple to install in their blank mounting plates.

MM405GY MM406BK MM410WH MM415BK MM450WH

MM405 (Back) MM406 (Back) MM410 (Back) MM415 (Back) MM450 (Back)

### TV / Satellite Modules - Single Width (25mm x 50mm)

MM405BK Single Female Satellite Module - Black
MM405WH Single Female Satellite Module - White
MM405GY Single Female Satellite Module - Grey

MM406BK Twin Female Satellite Module (F to F Connection) - Black
MM406WH Twin Female Satellite Module (F to F Connection) - White
MM406GY Twin Female Satellite Module (F to F Connection) - Grey

MM410BK Single Female Coaxial Module - Black
MM410WH Single Female Coaxial Module - White
MM410GY Single Female Coaxial Module - Grey

MM415BK Single Male Coaxial Module - Black
MM415WH Single Male Coaxial Module - White
MM415GY Single Male Coaxial Module - Grey

MM450BK Blank Module - Black
MM450WH Blank Module - White
MM450GY Blank Module - Grey

**Standards: 450:** BS 5733
**Dimensions (mm): 405:** 25 (W) x 50 (H) x 23 (D) **406:** 25 (W) x 50 (H) x 15 (D) **410 415:** 25 (W) x 50 (H) x 23.4 (D)
**450:** 25 (W) x 50 (H) x 14 (D)

MM420BK MM425GY MM430BK MM440WH

MM420 (Back) MM425 (Back) MM430 (Back) MM440 (Back)

All diplexed, triplexed and quad modules require installation of a signal combining distribution amplifier. Not suitable for use in the Republic of Ireland.
The range of diplexed, triplexed and quad modules are not compatible with 'Sky Q'.

### Media Modules - Twin Width (50mm x 50mm)

MM420BK Diplexed TV And Radio Module - Black
MM420WH Diplexed TV And Radio Module - White
MM420GY Diplexed TV And Radio Module - Grey

MM430BK Triplexed TV, Radio & Satellite Module - Black
MM430WH Triplexed TV, Radio & Satellite Module - White
MM430GY Triplexed TV, Radio & Satellite Module - Grey

MM440BK Quad TV, Radio, Sat 1 & Sat 2 Module - Black
MM440WH Quad TV, Radio, Sat 1 & Sat 2 Module - White
MM440GY Quad TV, Radio, Sat 1 & Sat 2 Module - Grey

### TV / Satellite Modules - Twin Width (50mm x 50mm)

MM425BK Diplexed TV And Satellite Module - Black
MM425WH Diplexed TV And Satellite Module - White
MM425GY Diplexed TV And Satellite Module - Grey

**Dimensions (mm):** 50 (W) x 50 (H) x 31.3 (D)

MM460BK MM465WH MM470GY MM480WH MM485BK

MM460 (Back) MM465 (Back) MM470 (Back) MM480 (Back) MM485 (Back)

**All New Media™** RJ45 modules are non-screened and are suitable for use with either Type A or Type B wiring conventions.

### Telephone / Data Modules - Single Width (25mm x 50mm)

| | |
|---|---|
| MM460BK | Telephone Master Module - Black |
| MM460WH | Telephone Master Module - White |
| MM460GY | Telephone Master Module - Grey |
| MM465BK | Telephone Secondary Module - Black |
| MM465WH | Telephone Secondary Module - White |
| MM465GY | Telephone Secondary Module - Grey |
| MM470BK | RJ11 Module - Black |
| MM470WH | RJ11 Module - White |
| MM470GY | RJ11 Module - Grey |
| MM480BK | RJ45 Cat-5e Module - Black |
| MM480WH | RJ45 Cat-5e Module - White |
| MM480GY | RJ45 Cat-5e Module - Grey |
| MM485BK | RJ45 Cat-6 Module - Black |
| MM485WH | RJ45 Cat-6 Module - White |
| MM485GY | RJ45 Cat-6 Module - Grey |

**Dimensions (mm): 460 465:** 25 (W) x 50 (H) x 20.2 (D) **470:** 25 (W) x 50 (H) x 17.2 (D) **480 485:** 25 (W) x 50 (H) x 18 (D)





New Media™ Modules

MM002BK MM022WH MM023BK MM025WH MM047BK

MM002 (Back) MM022 (Back) MM023 (Back) MM025 (Back) MM047 (Back)

### Switch Modules - Single Width (25mm x 50mm)

| | |
|---|---|
| MM002BK | 10AX 2 Way Switch Module - Black |
| MM002WH | 10AX 2 Way Switch Module - White |
| MM025BK | 10AX Intermediate Switch Module - Black |
| MM025WH | 10AX Intermediate Switch Module - White |
| MM022BK | 20A DP Switch Module - Black |
| MM022WH | 20A DP Switch Module - White |
| MM023BK | 20A DP Switch With Neon Module - Black |
| MM023WH | 20A DP Switch With Neon Module - White |

Neon positioned on top of rocker

### 13A Fused FCU Modules - Single Width (25mm x 50mm)

| | |
|---|---|
| MM047BK | 13A Fused FCU Module - Black |
| MM047WH | 13A Fused FCU Module - White |

**Standards:** BS EN 60669-1 **047:** BS 1363-4 BS 1362
**Cable Size (mm²): 022 023:** 3 x 2.5 or 2 x 4 **025 002 047:** 4 x 1.5 or 3 x 2.5
**Dimensions (mm):** 25 (W) x 50 (H) x 22 (D) **047:** 25 (W) x 50 (H) x 24.7 (D)

MM010BK

MM020WH

MM033WH

MM030BK

MM038WH

MM515WH

MM586BK

### Socket Outlet Modules - Twin Width (50mm x 50mm)

| | |
|---|---|
| MM010BK | 13A UK Socket Module - Black |
| MM010WH | 13A UK Socket Module - White |
| MM020BK | 16A European Schuko Socket Module - Black |
| MM020WH | 16A European Schuko Socket Module - White |

If using with metal clad plates CL311 and CL312, the 40mm deep back boxes supplied will need to be replaced with 50mm deep, CL087 (1 gang) or CL088 (2 gang).

| | |
|---|---|
| MM030BK | 16A 110V US Socket Module - Black |
| MM030WH | 16A 110V US Socket Module - White |
| MM033BK | 15A Round Pin Socket Module - Black |
| MM033WH | 15A Round Pin Socket Module - White |
| MM038BK | 5A Round Pin Socket Module - Black |
| MM038WH | 5A Round Pin Socket Module - White |

### USB Charging Modules - Single Width (25mm x 50mm)

| | |
|---|---|
| MM515BK | 2A USB Charging Module - Black |
| MM515WH | 2A USB Charging Module - White |
| MM586BK | 2A "A" & 3A "C" USB Dual Charging Module - Black |
| MM586GY | 2A "A" & 3A "C" USB Dual Charging Module - Grey |
| MM586WH | 2A "A" & 3A "C" USB Dual Charging Module - White |

**Standards: 010:** BS 1363-2 **020:** IEC 60884 **030:** UL 498 **033 038:** BS 546
**515:** BS EN 60950-1 BS EN 61000-6-1 **586:** BS IEC 62368-1 , BS EN 61000-6-1, BS EN 61000-6-3
**Cable Size (mm²):** 3 x 2.5 or 2 x 4 **038:** 4 x 1.5 or 3 x 2.5 **515:** 2 x 1.5 **586:** 0.75 to 2.5
**Dimensions (mm): 010:** 50 (W) x 50 (H) x 25.6 (D) **020:** 50 (W) x 50 (H) x 40.1 (D) **030:** 50 (W) x 50 (H) x 25.5 (D)
**033:** 50 (W) x 50 (H) x 41 (D) **038:** 50 (W) x 50 (H) x 27.1 (D) **515 586:** 25 (W) x 55.7 (H) x 37 (D)

A versatile 50mm x 50mm euro module LED, which clips into a '311' or '312' New Media™ plate. Utilises a standard wiring accessory back box. Please see page L4 for more information on New Media™ plates.

MM1001

### LED Euromods - Twin Width (50mm x 50mm)

| | |
|---|---|
| MM1001CW | 230V 1W LED Euromod - Cool White |
| MM1001WW | 230V 1W LED Euromod - Warm White |

Pre-wired with 110mm flylead.

MM490BK

MM490 (Back)

MM495WH

MM495 (Side)

### Speaker Modules - Single Width (25mm x 50mm)

| | |
|---|---|
| MM490BK | RCA/Phono Module (2 Outlets) - Black |
| MM490WH | RCA/Phono Module (2 Outlets) - White |
| MM490GY | RCA/Phono Module (2 Outlets) - Grey |
| MM495BK | Loudspeaker Module (2 Outlets) - Black |
| MM495WH | Loudspeaker Module (2 Outlets) - White |
| MM495GY | Loudspeaker Module (2 Outlets) - Grey |

UK Design Registration: 002296483

MM550WH

MM501GY

HDMI Outlet with Flexible Connection (80mm Long)

### Brush Modules - Single Width (25mm x 50mm)

| | |
|---|---|
| MM550BK | Single Brush Module - Black (Black Bristles) |
| MM550WH | Single Brush Module - White (Black Bristles) |
| MM550WHWH | Single Brush Module - White (White Bristles) |

### HDMI Modules - Single Width (25mm x 50mm)

| | |
|---|---|
| MM501BK | HDMI V2.0 With Fly-Lead Module - Black |
| MM501WH | HDMI V2.0 With Fly-Lead Module - White |
| MM501GY | HDMI V2.0 With Fly-Lead Module - Grey |

**Standards: 1001:** BS EN 60598-1 BS EN 60598-2-2 BS EN 55015 BS EN 61547 & BS PD IEC / TR 62778 BS EN 61000-3-2 & BS EN 61000-3-3 **550:** BS 5733
**Dimensions (mm): 490:** 25 (W) x 50 (H) x 18.3 (D) **495:** 25 (W) x 50 (H) x 19.3 (D) **501:** 25 (W) x 50 (H) x 28.2 (D)
**550:** 25 (W) x 50 (H) x 12.6 (D) **1001:** 50 (W) x 50 (H) x 30 (D)

MM300BK MM300 (with fly-lead)

MM305WH MM305 (with fly-lead)

### Media Modules - Single Width (25mm x 50mm)

| | |
|---|---|
| MM300BK | USB Throughput With Fly-Lead Module - Black |
| MM300WH | USB Throughput With Fly-Lead Module - White |
| MM300GY | USB Throughput With Fly-Lead Module - Grey |
| MM305BK | VGA With Fly-Lead Module - Black |
| MM305WH | VGA With Fly-Lead Module - White |
| MM305GY | VGA With Fly-Lead Module - Grey |

MM491GY MM491 (Back)

MM496WH MM496 (with fly-lead)

### Media Modules - Single Width (25mm x 50mm)

| | |
|---|---|
| MM491BK | Triple RCA Module (With Screw Terminals) - Black |
| MM491WH | Triple RCA Module (With Screw Terminals) - White |
| MM491GY | Triple RCA Module (With Screw Terminals) - Grey |
| MM496BK | 3.5mm Audio Jack With Fly-Lead Module - Black |
| MM496WH | 3.5mm Audio Jack With Fly-Lead Module - White |
| MM496GY | 3.5mm Audio Jack With Fly-Lead Module - Grey |

**Dimensions (mm): 300:** 25 (W) x 50 (H) x 41 (D) **305:** 25 (W) x 50 (H) x 50 (D)
**491:** 25 (W) x 50 (H) x 18.3 (D) **496:** 25 (W) x 50 (H) x 38 (D)





### Touch & Indicator Modules - Twin Width (50mm x 50mm)

| | |
|---|---|
| MM602BK | Hotel Touch & Indicator Modules - Black |
| MM602WH | Hotel Touch & Indicator Modules - White |

Both Touch panel and Indicator panel supplied.
Both panels require the (311 - 2 aperture) unfurnished plates or (312 - 4 aperture) unfurnished plates if mounting with additional New Media modules.

### Hotel Key Card Switch Module - Twin Width (50mm x 50mm)

| | |
|---|---|
| MM620BK | 10A/6AX Hotel Key Card Timer Switch (Mechanical) Module Only - Black |

Blue LED illuminates when the key card is removed and the exit time has elapsed.
Select Cover plate below:

SP620BK SP620WH

Full item requires (MM620BK) switch module, (311) unfurnished plate and (SP620) hotel key card cover plate, see listed products below:

### Hotel Key Card Switch Module Covers

| | |
|---|---|
| SP620BK | Black |
| SP620MTBK | Black - Matt Black |
| SP620BKAB | Black - Antique Brass |
| SP620BKBN | Black - Black Nickel |
| SP620BKBR | Black - Polished Brass |
| SP620BKBS | Black - Brushed Stainless |
| SP620BKCH | Black - Polished Chrome |
| SP620BKPN | Black - Pearl Nickel |
| SP620BKSB | Black - Satin Brass |
| SP620BKSC | Black - Satin Chrome |
| SP620BKSS | Black - Stainless Steel |

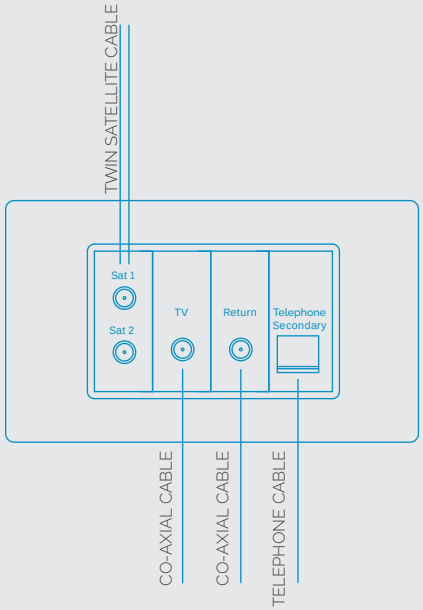
### Hotel Key Card Switch Module Covers

| | |
|---|---|
| SP620PW | White - White (Metal) |
| SP620WH | White - White (Plastic) |
| SP620WHBR | White - Polished Brass |
| SP620WHBS | White - Brushed Stainless |
| SP620WHCH | White - Polished Chrome |
| SP620WHPN | White - Pearl Nickel |
| SP620WHSB | White - Satin Brass |
| SP620WHSC | White - Satin Chrome |
| SP620WHSS | White - Stainless Steel |

Please note requires mounting plate **311 see from page L9 to page page L14 or for **31102, please see GridPro® section. Requires the MM620BK key card module.

**Standards: MM602:** BS 5733 BS EN 60669-2-1 **MM620:** BS EN 60669-1 BS EN 60669-2-3
**Cable Size (mm²):** 2 x 1.5 **MM602:** 1.5 **Time setting:** 10 seconds to 5 minutes
**Dimensions (mm): MM602:** 50 (W) x 50 (H) x 33 (D) **MM620:** 50 (W) x 50 (H) x 40 (D) **SP620:** 61 (W) x 52 (H) x 20.5 (D)
Key card not included. Accepts standard room cards: 85.6 x 53.98mm

# Typical Sky+ Installation




Here, the input cables from the satellite dish and the TV aerial are connected directly to the rear of each module.

The return module is provided to allow the Sky signal to be shared throughout the property using a suitable distribution amplifier.

The use of a secondary telephone connection allows for easy connection between the Sky box and the telephone line.

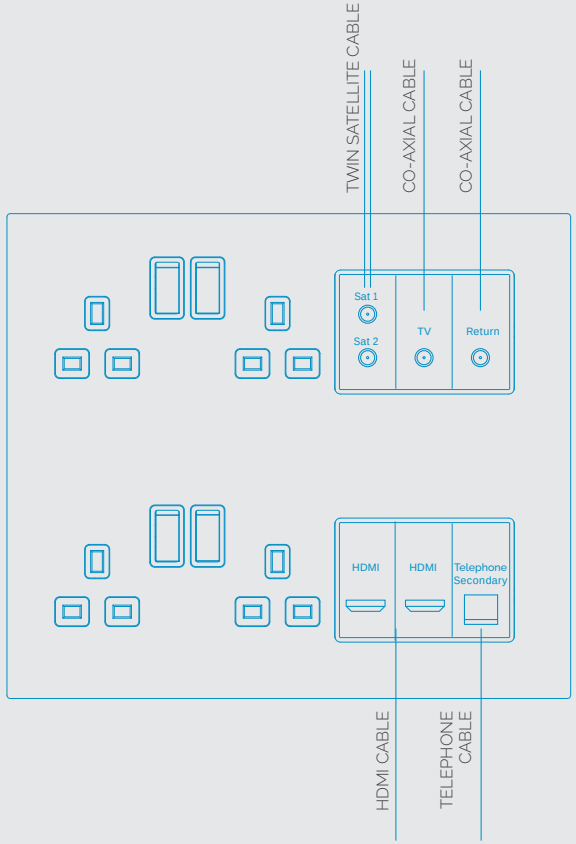
**Products Used For This Configuration:**

| | |
|---|---|
| 1 x **312 | Media Plate |
| 1 x MM406 | Twin Satellite Module |
| 1 x MM415 | Co-axial Module |
| 1 x MM410 | Co-axial Module |
| 1 x MM465 | Telephone Secondary Module |





# Typical Sky+ HD Installation




Here, the input cables from the satellite dish and the TV aerial are connected directly to the rear of each module.

The return module is provided to allow the Sky signal to be shared throughout the property using a suitable distribution amplifier.

The use of a secondary telephone connection allows for easy connection between the Sky box and the telephone line.

An HDMI module is provided to facilitate a high definition connection between the Sky box and television.

| | MM405 | Single 'F' Satellite |
|---|---|---|
| Connection | Frequency | Insertion Loss (dB) (Typical) |
| In to Out | 5 to 2300 MHz | 1.6 |
| | | Power pass to connection |

| | MM410 | Single IEC Female |
|---|---|---|
| Connection | Frequency | Insertion Loss (dB) (Typical) |
| In to Out | 5 to 862 MHz | 0.3 |
| | | Power pass to connection |

| | MM415 | Single IEC Male |
|---|---|---|
| Connection | Frequency | Insertion Loss (dB) (Typical) |
| In to Out | 5 to 862 MHz | 0.3 |
| | | Power pass to connection |

| | MM420 | Diplexed TV & Radio |
|---|---|---|
| Connection | Frequency | Insertion Loss (dB) (Typical) |
| In to Radio | 87.5 to 230 MHz | 2.0 |
| In to TV | 47 to 68 MHz | 1.5 |
| In to TV | 254 to 862 MHz | 2.0 |
| | | Power pass to TV |

| | MM425 | Diplexed TV & Satellite |
|---|---|---|
| Connection | Frequency | Insertion Loss (dB) (Typical) |
| In to TV | 47 to 862MHz | 2.0 |
| In to Satellite | 950 to 2150 MHz | 2.5 |
| In to Satellite | 2150 to 2400 MHz | 3.0 |
| | | Power pass to satellite |

| | MM430 | Triplexed TV, Radio & Satellite |
|---|---|---|
| Connection | Frequency | Insertion Loss (dB) (Typical) |
| In to Radio | 87.5 to 230MHz | 3.0 |
| In to TV | 47 to 68MHz | 2.0 |
| In to TV | 254 to 862MHz | 2.0 |
| In to Satellite | 950 to 2300 MHz | 3.0 |
| | | Power pass to satellite |

| | MM440 | Quad TV, Radio, Satellite 1 & Satellite 2 |
|---|---|---|
| Connection | Frequency | Insertion Loss (dB) (Typical) |
| In to Radio | 87.5 to 230MHz | 3.0 |
| In to TV | 470 to 862MHz | 2.5 |
| In to Satellite 1 | 950 to 2300 MHz | 3.0 |
| In to Satellite 2 | 25 to 2400 MHz | 1.5 |
| | | Power pass to satellite 1 & satellite 2 |

All diplexed, triplexed and quad modules require installation of a signal combining distribution amplifier. Not suitable for use in the Republic of Ireland.

The range of diplexed, triplexed and quad modules are not compatible with 'Sky Q'.

curva®

curva®

## The Modern Domestic Wiring Solution

Moulded white accessories are often described as utilitarian, ie. useful or practical without being attractive. This is certainly not the case with the Curva® range of smooth profile accessories.

In creating the modern, aesthetically pleasing and ergonomic design of the Curva® range we did not lose sight of the need to produce a true value for money product offering the utmost appeal to installers and end users alike.

Only the best quality raw materials were used in producing this durable, attractive and modern range of accessories which will adorn the walls of all manner of buildings for years to come.

ANTIBACTERIAL & ANTIVIRAL
Certified Products

# Antiviral & Antibacterial Certified

Curva® plates are manufactured using Urea Formaldehyde, which has similar inherent properties to antimicrobial additives that inhibit the growth of infectious diseases.

Curva® plates have been independently tested and have shown to have anti-viral properties against enveloped and non-enveloped viruses.

After a contact period of 4 hours, Curva® was shown to have a 99.9% kill off rate against enveloped viruses and a 92% kill off rate against non-enveloped viruses.

All products independently tested achieved a 99.99% kill off rate across all four types of the strains of bacteria - MRSA, E-Coli, Salmonella, Klebsiella Pneumonia and enveloped viruses.

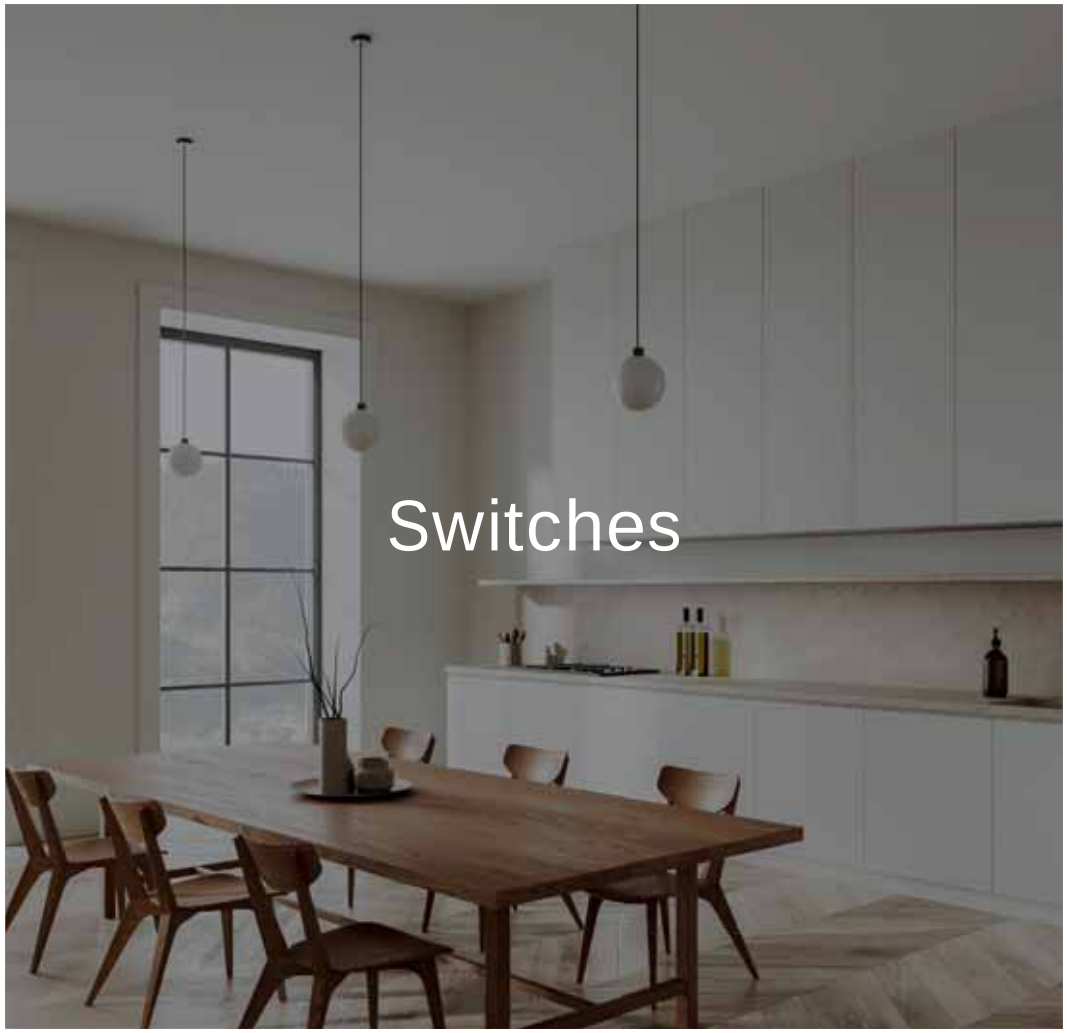
## Contents


| | |
|---|---|
| Switches | **M5** |
| Socket Outlets | **M8** |
| Fused Connection Units | **M9** |
| Control Switches | **M10** |
| Shaver Socket & Blank Plates | **M12** |
| Telephone Outlets | **M14** |
| TV & Satellite | **M15** |
| Pattress Boxes | **M16** |
| Dry Lining Boxes | **M17** |


10 YR WARRANTY

# 10 Year Warranty

All Curva® products are covered by our 10 year warranty against any fault in materials or manufacture experienced at any time within 10 years of the date of supply.



# Switches

The range of Curva® switches described in the following pages has been developed to offer a solution for almost every possible design need and will enhance the décor of any area whether in a kitchen, bedroom, lounge or study etc...

Plates Switches

| | | | |
|---|---|---|---|
| CCA010 | 10AX 1 Gang 1 Way Plate Switch | CCA019 | 10AX 4 Gang 2 Way Plate Switch |
| CCA011 | 10AX 1 Gang 2 Way Plate Switch | CCA025 | 10AX 1 Gang Intermediate Plate Switch |
| CCA012 | 10AX 2 Gang 2 Way Plate Switch | CCA027 | 10AX 1 Gang 1 Way Retractive 'Bell' Switch |
| CCA013 | 10AX 3 Gang 2 Way Plate Switch | CCA105 | 10AX 6 Gang 2 Way Plate Switch |

**Standards:** BS EN 60669-1
**Back Box Depth (mm):** 16 **019 105:** 25
**Cable Size (mm²):** 4 x 1.5 or 2 x 2.5
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 9.5 (D) **2 Gang:** 146 (W) x 86 (H) x 9.5 (D)

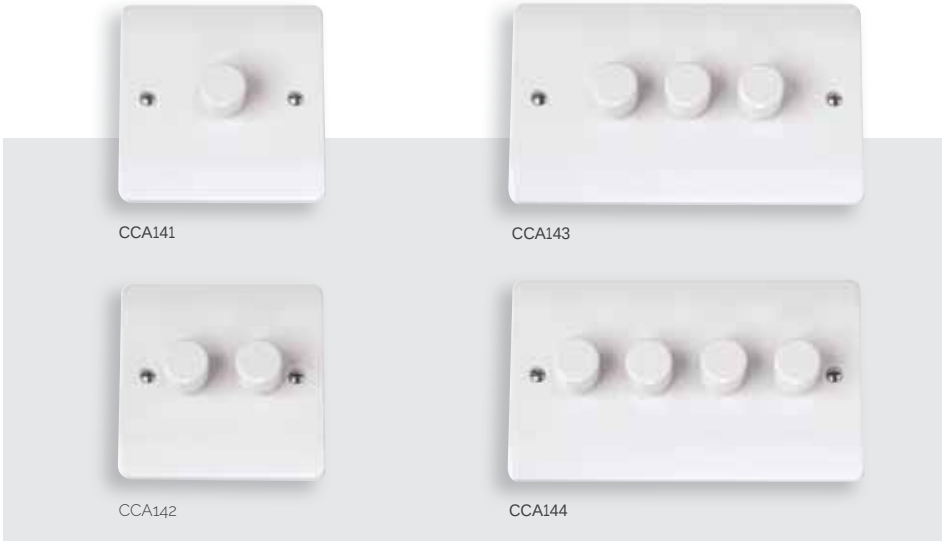
### Dimmer Modules

| | |
|---|---|
| MD9001 | 6A 2 Way Push On/Off (Non-Dimming) Module (25 x 62mm) |
| MD9010 | 1-10V Analogue Dimmer Module (25 x 62mm) |
| MD9014 | 100W Dual Mode Dimmer Module with Trim (26.5 x 55mm) |

### Dimmer M10 Nut Runner

SP900 Dimmer M10 Nut Runner Tool

Use the nut runner to easily exchange dimmer modules and create customised dimmer switch plate




### Dimmer Switches (Leading Edge)

| | |
|---|---|
| CCA141 | 1 Gang 2 Way 250Va Dimmer Switch |
| CCA142 | 2 Gang 2 Way 250Va Dimmer Switch |
| CCA143 | 3 Gang 2 Way 250Va Dimmer Switch |
| CCA144 | 4 Gang 2 Way 250Va Dimmer Switch |

We recommend the use of branded halogen lamps with all Curva® leading edge dimmers. The use of inferior, non-branded lamps may require the nominal rating of the dimmer to be reduced. These dimmer switches have not been designed for use with LED lamps. However, they may be suitable for some good quality LED lamps. For futher information please contact the Click® Technical support team.

**Standards:** BS EN 60669-1 & BS EN 55015 BS EN 61000-3-2 & BS EN 61000-3-3 BS EN 61000-4-2 & BS EN 61000-4-3 BS EN 61000-4-4 & BS EN 61000-4-5 BS EN 61000-4-6 & BS EN 61000-4-11
**Type:** Leading Edge
**Back Box Depth (mm):** 25 **Cable Size (mm²):** 2 x 1.5
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 9.5 (D) **2 Gang:** 146 (W) x 86 (H) x 9.5 (D)

# Power Socket Outlets, Fused Connection Units & Control Switches

All Curva® 13A sockets and fused connection units are tested and approved to BS1363 offering assured quality and safety. The provision of a large earth terminal on sockets and fused connection units as standard, greatly facilitates wiring and installation.

The Curva® range offers a solution for almost every possible design need and will enhance the décor of any area whether in a kitchen, bedroom, lounge or study etc...

CCA605

CCA606

CCA771

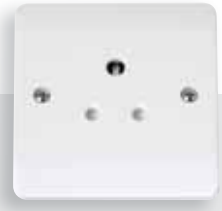
CCA780

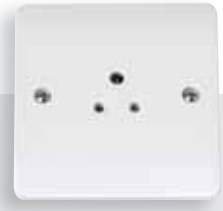
### Switched Socket Outlets

| | |
|---|---|
| CCA605 | 13A 1 Gang Switched Socket |
| CCA606 | 13A 2 Gang Switched Socket |

### Switched Sockets With USB Outlets

| | |
|---|---|
| CCA771 | 13A 1 Gang Switched Socket With 2.1A USB Outlet |
| CCA780 | 13A 2 Gang Switched Socket With 2 X USB Outlets (Total Output 2.1A) |


CCA038


CCA039

### Round Pin Socket Outlets

| | |
|---|---|
| CCA038 | 5A Round Pin Socket |
| CCA039 | 2A Round Pin Socket |

**Standards: 038 039:** BS 546 **605 606 771:** BS 1363-2: 2016 +A1: 2018 **780:** BS EN 60950-1 BS 1363-2, BS 5733 BS EN 61000-6-1 BS EN IEC 61204-3 BS EN 61000-6-3 **771:** BS EN IEC 62368-1 BS EN 62680-1-1
**Back Box Depth (mm):** 25 **771:** 35
**Cable Size (mm²):** 3 x 2.5 or 2 x 4 **038:** 4 x 1.5 or 3 x 2.5 **039:** 3 x 1.5
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 9.5 (D) **2 Gang:** 146 (W) x 86 (H) x 9.5 (D)

CCA050

CCA051

CCA052

CCA053

### Fused Connection Units With Optional Flex Outlet Through Front

| | |
|---|---|
| CCA050 | 13A Fused Connection Unit |
| CCA051 | 13A DP Switched Fused Connection Unit |
| CCA052 | 13A DP Switched Fused Connection Unit With Neon |
| CCA053 | 13A Fused Connection Unit With Neon |

**Standards:** BS 1363-4 BS 1362
**Back Box Depth (mm):** 25
**Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** 86 (W) x 86 (H) x 9.5 (D)

Fan Isolation Switch

CCA020 10A 3 Pole Fan Isolation Switch
CCA021 10A 3 Pole Isolation Switch

20A DP Sink / Bath Switch

CCA024 20A DP Sink/Bath Switch With Neon

20A Control Switches With Optional Flex Outlet

CCA022 20A DP Switch
CCA023 20A DP Switch With Neon

CCA040 20A DP 'Water Heater' Switch
CCA042 20A DP 'Water Heater' Switch With Neon

**Standards:** BS EN 60669-1 **020 021:** BS EN 60669-2-4
**Back Box Depth (mm):** 25 **020 021:** 16
**Cable Size (mm²):** 3 x 2.5 **020 021:** 4 x 1.5 or 2 x 2.5
**Dimensions (mm):** 86 (W) x 86 (H) x 9.5 (D)

45A Switches And Socket Outlets

CCA200 45A 1 Gang DP Switch
CCA201 45A 1 Gang DP Switch With Neon

CCA202 45A 2 Gang DP Switch
CCA203 45A 2 Gang DP Switch With Neon

CCA204 45A 2 Gang DP Switch With 13A DP Switched Socket
CCA205 45A 2 Gang DP Switch With 13A DP Switched Socket & Neons

**Standards:** BS EN 60669-1 **204 205:** BS 4177
**Back Box Depth (mm):** 35
**Cable Size (mm²):** 1 x 16
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 9.5 (D) **2 Gang:** 146 (W) x 86 (H) x 9.5 (D) **202 203:** 86 (W) x 146 (H) x 9.5 (D)

CCA017

CCA100

Click® dual voltage shaver outlets incorporate a double wound isolating transformer rated 20Va at 230V or 115V and meets BS EN 61558-2-5:2010 making it safe for use in bathrooms. Shaver outlet is not continuously rated and therefore not suitable for use as a permanent charging outlet.

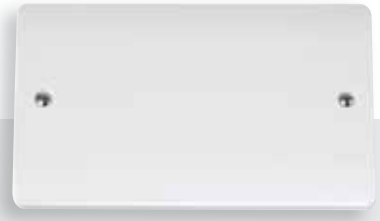
Flex Outlet Plates

CCA017 20A Flex Outlet Plate

Dual Voltage Shaver Socket Outlet

CCA100 115/230V Dual Voltage Shaver Socket

CCA060



CCA061

Blank Plates

CCA060 1 Gang Blank Plate

CCA061 2 Gang Blank Plate

**Standards:** BS 5733 **100:** BS EN IEC 61558-1 BS EN 61558-2-5
**Back Box Depth (mm):** 16 **061:** 25 **100:** 47
**Cable Size (mm²): 100:** 2 x 1.5 or 1 x 2.5 **017:** 3 x 2.5 or 2 x 4
**Dimensions (mm): 1 Gang:** 86 (W) x 86 (H) x 9.5 (D) **2 Gang:** 146 (W) x 86 (H) x 9.5 (D) **100:** 86 (W) x 146 (H) x 9.5 (D)

# TV & Telephone Sockets

Providing the means to facilitate the connection of modern communications equipment is as important today as it is to provide the electrical power to operate them.

CCA115

CCA122 | CCA127

CCA119 | CCA124

### Telephone Outlets

CCA119 Single Telephone Outlet - Master
CCA122 Twin Telephone Outlet - Master
CCA124 Single Telephone Outlet - Secondary
CCA127 Twin Telephone Outlet - Secondary

Twin outlets are 2 separate sockets and not internally linked together.

### RJ11 Telephone Outlet

CCA115 Single RJ11 (Irish/US) Outlet

**Back Box Depth (mm):** 16 **115:** 35
**Termination Type:** IDC **115:** Screw
**Dimensions (mm):** 86 (W) x 86 (H) x 9.5 (D)

CCA065 CCA066 CCA158 CCA159

### Non-isolated Coaxial Outlets (Unshielded)

CCA065 Single Coaxial Outlet
CCA066 Twin Coaxial Outlet

### Isolated Coaxial Outlets (Unshielded)

CCA158 Single Isolated Coaxial Outlet
CCA159 Twin Isolated Coaxial Outlet

CCA156

CCA170

CCA157

### Satellite Outlets (Unshielded)

CCA156 Non-isolated Single Satellite Outlet
CCA157 Isolated Satellite & Isolated Coaxial Outlet
CCA170 Non-isolated Satellite & Non-isolated Coaxial Outlet

Isolated outlets will filter out any interference, if a 2 way signal is required, i.e. for use with satellite hard wire extensions, then a non-isolated outlet is required.

**Back Box Depth (mm):** 16
**Dimensions (mm):** 86 (W) x 86 (H) x 9.5 (D)

CCA080

CCA081

CCA082

CCA083

CCA084

CCA085

CCA086

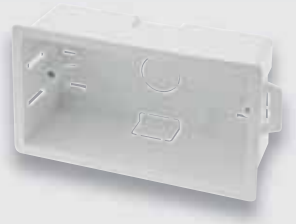
### Moulded Pattress Boxes

| | |
|---|---|
| CCA080 | 1 Gang 16mm Deep Pattress Box With Earth Terminal |
| CCA081 | 1 Gang 25mm Deep Pattress Box |
| CCA082 | 2 Gang 25mm Deep Pattress Box |
| CCA083 | 1 Gang 35mm Deep Pattress Box |
| CCA084 | 2 Gang 35mm Deep Pattress Box |
| CCA085 | 1 Gang 47mm Deep Pattress Box With Earth Terminal |
| CCA086 | 2 Gang 47mm Deep Pattress Box Fitted With Cable Restraint & Earth Terminal |

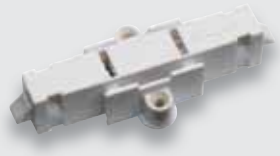
**Standards:** BS 4662
**Dimensions (mm): 080:** 87 (W) x 87 (H) x 20 (D) **081:** 87 (W) x 87 (H) x 30 (D) **082:** 147 (W) x 87 (H) x 30 (D)
**083:** 87 (W) x 87 (H) x 40 (D) **084:** 147 (W) x 87 (H) x 40 (D) **085:** 87 (W) x 87 (H) x 52 (D) **086:** 147 (W) x 87 (H) x 52 (D)

WA095

WA4247



WA107P



GA100

### Galvanised Steel Back Boxes

| | |
|---|---|
| WA092 | 1 Gang 16mm Deep Galvanised Steel K.O. Box |
| WA093 | 1 Gang 25mm Deep Galvanised Steel K.O. Box |
| WA094 | 2 Gang 25mm Deep Galvanised Steel K.O. Box |
| WA095 | 1 Gang 35mm Deep Galvanised Steel K.O. Box |
| WA096 | 2 Gang 35mm Deep Galvanised Steel K.O. Box |
| WA097 | 1 Gang 47mm Deep Galvanised Steel K.O. Box |
| WA098 | 2 Gang 47mm Deep Galvanised Steel K.O. Box |
| WA099 | 1 + 1 35mm Deep Dual Accessory Box |
| WA102 | 1 + 2 35mm Deep Dual Accessory Box |

### FlameGuard® Dry Lining Boxes

| | |
|---|---|
| WA4135 | 1 Gang 35mm Deep FlameGuard® Dry Lining Box |
| WA4235 | 2 Gang 35mm Deep FlameGuard® Dry Lining Box |
| WA4147 | 1 Gang 47mm Deep FlameGuard® Dry Lining Box |
| WA4247 | 2 Gang 47mm Deep FlameGuard® Dry Lining Box |

### Dry Lining Boxes (Sprung Fixing Lugs)

| | |
|---|---|
| WA087SF | 1 Gang 35mm Deep Dry Lining Box |
| WA088SF | 2 Gang 35mm Deep Dry Lining Box |
| WA106SF | 1 Gang 47mm Deep Dry Lining Box |
| WA107SF | 2 Gang 47mm Deep Dry Lining Box |

### Dry Lining Boxes

| | |
|---|---|
| WA087P | 1 Gang 35mm Deep Dry Lining Box |
| WA088P | 2 Gang 35mm Deep Dry Lining Box |
| WA106P | 1 Gang 47mm Deep Dry Lining Box |
| WA107P | 2 Gang 47mm Deep Dry Lining Box |
| WA108P | Round Ceiling 34mm Deep Dry Lining Box |

### Ezylink' Dry Lining Boxes

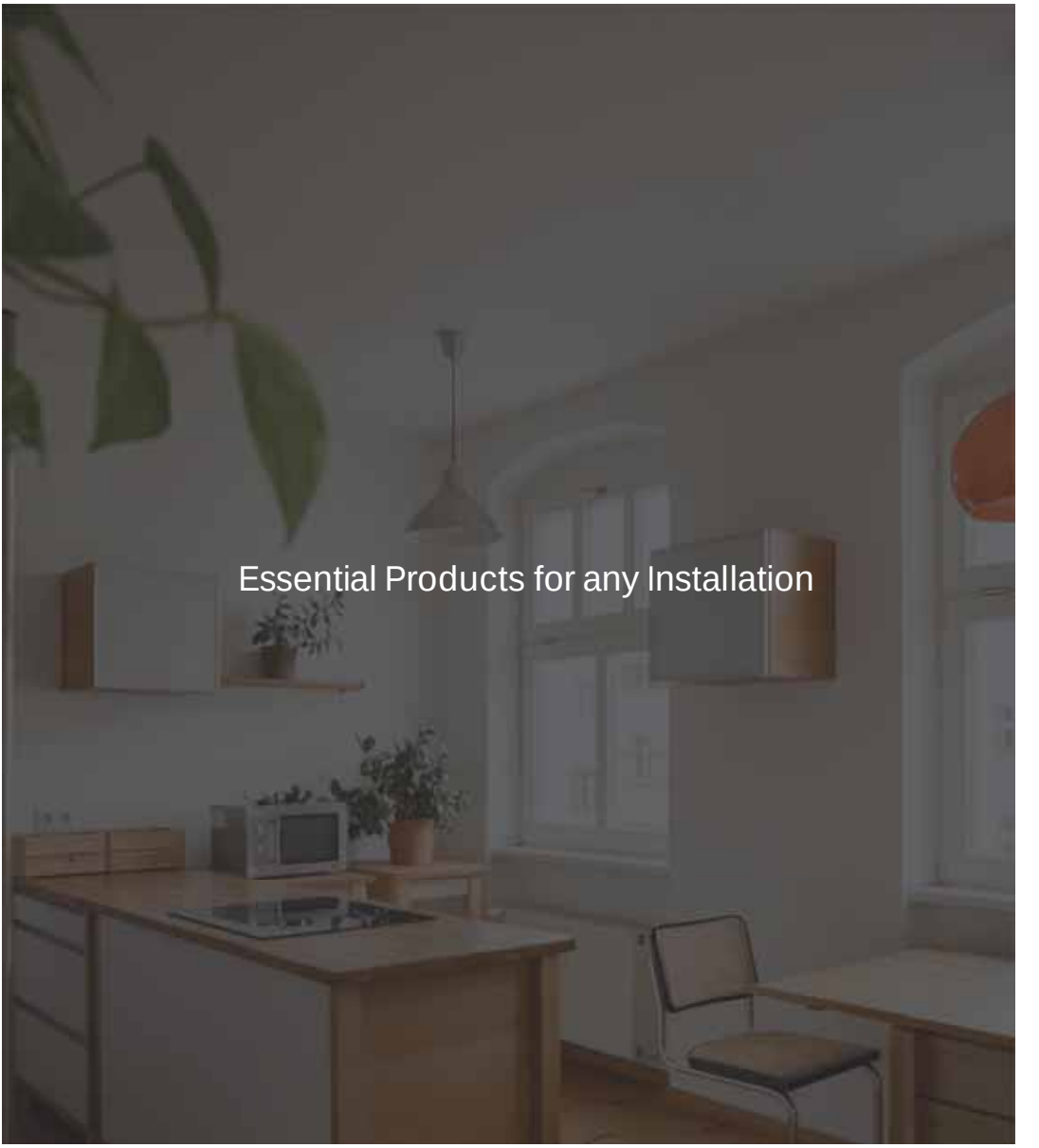
| | |
|---|---|
| GA100 | 'Ezylink' Dry Lining Box Connector |

Suitable for use with WA087P, WA088P, WA106P & WA107P.

essentials™

For the complete range of back boxes see Essentials™ page N4.

FlameGuard® back boxes have been tested and conform to both fire and acoustic BS EN standards. Fire: BS EN 1364-1 Acoustic: BS EN ISO 140-2. Complies with Building Regulations Fire tested up to 90 minutes with the cabability of the boxes being mounted back to back.




essentials™

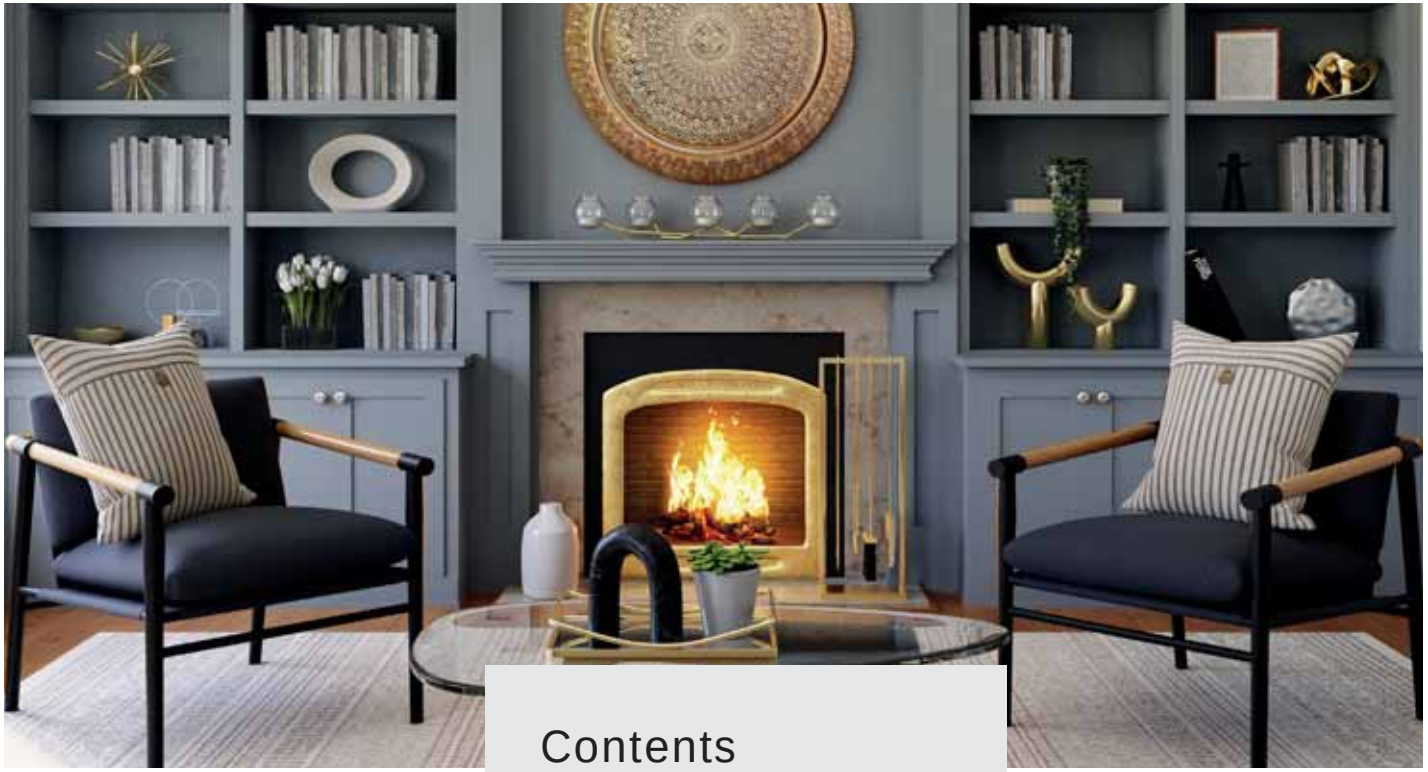
# essentials™

## The Essentials™ product group is just that – ESSENTIAL

In addition to the long established Click® brand of moulded electrical accessory products we have developed and introduced additional accessory ranges, namely Polar™, Curva® & Mode®, as well as decorative metal ranges.

Whilst each of these ranges are unique in their own right, the plate accessory is only part of the complete wiring solution. Hence our range of Essentials™ illustrated herein.

The Essentials™ group of products comprises those items that you will find in a wide variety of installations. Products such as junction boxes, flush mounted switch and socket boxes.



## Contents


| | |
|---|---|
| Galvanised Steel Boxes | **N4** |
| Dry Lining Boxes | **N7** |
| IP66 Weatherproof Accessories | **N12** |
| Metal Clad Accessories | **N20** |
| Red Accessories | **N34** |
| Floor Accessories | **N36** |
| Ceiling Accessories | **N37** |
| Adaptors & Extension Sockets | **N41** |
| Junction & Link Boxes | **N42** |
| Connection & Flex Outlet | **N44** |
| Fused Main Switch | **N45** |
| Rewireable Plug Tops | **N46** |
| Plug Top Fuses | **N47** |
| Equipotential Bonding Busbar | **N48** |

WA092

WA093

WA094

WA095

WA096

WA097

WA098

Galvanised Steel Back Boxes

WA092 1 Gang 16mm Deep Galvanised Steel K.O. Box
WA093 1 Gang 25mm Deep Galvanised Steel K.O. Box
WA094 2 Gang 25mm Deep Galvanised Steel K.O. Box

WA095 1 Gang 35mm Deep Galvanised Steel K.O. Box
WA096 2 Gang 35mm Deep Galvanised Steel K.O. Box

WA097 1 Gang 47mm Deep Galvanised Steel K.O. Box
WA098 2 Gang 47mm Deep Galvanised Steel K.O. Box

WA191 1 Gang Panel Mounting Gasket - Metal
WA192 2 Gang Panel Mounting Gasket - Metal

**Standards:** BS 4662
**Dimensions (mm):** **092:** 70 (W) x 70 (H) x 16 (D) **093:** 70 (W) x 70 (H) x 25 (D) **094:** 135 (W) x 70 (H) x 25 (D)
**095:** 70 (W) x 70 (H) x 35 (D) **096:** 135 (W) x 70 (H) x 35 (D) **097:** 70 (W) x 70 (H) x 47 (D) **098:** 135 (W) x 70 (H) x 47 (D)
**191:** 86 (W) x 86 (H) x 6.5 (D) **192:** 146 (W) x 86 (H) x 6.5 (D)

WA671 WA672 WA571 WA572

WA099 | WA370

WA102 | WA375

Galvanised Steel Back Boxes

WA099 1 + 1 35mm Deep Dual Accessory Box
WA102 1 + 2 35mm Deep Dual Accessory Box
WA370 1 + 1 35mm Deep Dual Accessory Box (Deco® Range Only)
WA375 1 + 2 35mm Deep Dual Accessory Box (Deco® Range Only)

WA671 1 Gang 25mm Deep Architrave Box With 60.3mm Hole Centres
WA672 2 Gang 25mm Deep Architrave Box With 120.6mm Hole Centres
WA571 1 Gang 25mm Deep Architrave Galvanised Steel K.O. Box (Deco® Range Only)
WA572 2 Gang 25mm Deep Architrave Galvanised Steel K.O. Box (Deco® Range Only)

**Standards:** BS 4662 (excluding 571 572)
**Cutout sizes (mm):** **099:** 158 x 74 **102:** 220 x 74 **370:** 168 x 74 **375:** 228 x 74
**571:** 87 x 34 x 25 **572:** 148 x 34 x 25 **671:** 73 x 30 x 25 **672:** 135 x 30 x 25
**Dimensions (mm):** **099:** 158 (W) x 74 (H) x 35 (D) **102:** 220 (W) x 74 (H) x 35 (D) **370:** 168 (W) x 74 (H) x 35 (D) **375:** 228 (W) x 74 (H) x 35 (D)
**571:** 34 (W) x 87 (H) x 25 (D) **572:** 34 (W) x 148 (H) x 25 (D) **671:** 30 (W) x 73 (H) x 25 (D) **672:** 30 (W) x 135 (H) x 25 (D)

WA512 WA518 WA20518 WA20524

Galvanised Steel Back Boxes

| | |
|---|---|
| WA512 | 2 Tier 47mm Deep K.O. Box |
| WA518 | 3 Tier 47mm Deep K.O. Box |

GridPro® Flush Mounted Back Boxes

| | |
|---|---|
| WA20518 | 18 Gang GridPro® Flush Mounted Back Box - 56mm Deep |
| WA20524 | 24 Gang GridPro® Flush Mounted Back Box - 56mm Deep |

Galvanised steel back boxes supplied for flush mounting of the large MiniGrid® plates. Mounting Yoke facilitates pre-assembly of required modules. Fitted with twin earth terminals.

**Standards:** BS 4662
**Knockouts (mm):** **512:** 7 x Ø20, 3 x Ø25 **518:** 8 x Ø20, 4 x Ø25 **20518 20524:** 10 x Ø20, 6 x Ø25
**Dimensions (mm):** **512:** 137 (W) x 137 (H) x 47 (D) **518:** 137 (W) x 197 (H) x 47 (D)**20518:** 185 (W) x 197 (H) x 56 (D)
**20524:** 185 (W) x 255 (H) x 56 (D)

WA106P

WA108P

WA107P

WA107SF

WA087SF

GA100

Dry Lining Boxes

| | |
|---|---|
| WA087P | 1 Gang 35mm Deep Dry Lining Box |
| WA088P | 2 Gang 35mm Deep Dry Lining Box |
| WA106P | 1 Gang 47mm Deep Dry Lining Box |
| WA107P | 2 Gang 47mm Deep Dry Lining Box |
| WA108P | Round Ceiling 34mm Deep Dry Lining Box |

Dry Lining Boxes (Sprung Fixing Lugs)

| | |
|---|---|
| WA087SF | 1 Gang 35mm Deep Dry Lining Box |
| WA088SF | 2 Gang 35mm Deep Dry Lining Box |
| WA106SF | 1 Gang 47mm Deep Dry Lining Box |
| WA107SF | 2 Gang 47mm Deep Dry Lining Box |

‘Ezylink’ Dry Lining Box Connector

| | |
|---|---|
| GA100 | ‘Ezylink’ Dry Lining Box Connector |

Suitable for use with WA087P, WA088P, WA106P & WA107P.
Simply connects any combination of Click® dry lining boxes to provide the neatest installation of cavity boxes possible.

**Standards:** BS 5733 BS 4662 (where applicable)
**Cutout sizes (mm):** **1 Gang:** 75 (W) x 75 (H) **2 Gang:** 135 (W) x 75 (H) **WA108P:** 65 (Dia)
**Dimensions (mm):** **1 Gang:** 83 (W) x 83 (H) x 35 (D) **2 Gang:** 143 (W) x 83 (H) x 35 (D) **WA108P:** 78 (Dia) x 35
**GA100:** 34 (W) x 17 (D) x 84 (H)

# Dry Lining Boxes

WA4135

WA4147

WA4235

WA4247

FlameGuard system

## FlameGuard® Dry Lining Boxes

| | |
|---|---|
| WA4135 | 1 Gang 35mm Deep FlameGuard® Dry Lining Box |
| WA4147 | 1 Gang 47mm Deep FlameGuard® Dry Lining Box |
| WA4235 | 2 Gang 35mm Deep FlameGuard® Dry Lining Box |
| WA4247 | 2 Gang 47mm Deep FlameGuard® Dry Lining Box |

The intumescent layer within the box expands as the temperature increases filling the metal box cavity.

FlameGuard® back boxes have been tested and conform to both fire and acoustic BS EN standards.
Fire: BS EN 1364-1 Acoustic: BS EN ISO 140-2. Complies with Building Regulations Fire tested up to 90 minutes with the cabability of the boxes being mounted back to back.

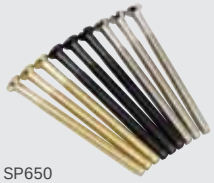
**Standards:** BS 4662 BS EN 1364-1 BS EN ISO 10140-2
**Cutout sizes (mm):** **1 Gang:** 73 (W) x 73 (H) **2 Gang:** 132 (W) x 73 (H)
**Dimensions (mm):** **1 Gang:** 82 (W) x 82 (H) x 35 (D) **2 Gang:** 142 (W) x 82 (H) x 47 (D)



# Longer Fixing Screws

SP625

SP640



SP650

Chrome finish may be used with white plate accessories.

## Security Screws

| | |
|---|---|
| SP622 | Define® M3.5 Security Screw 22mm Long (Bag 100) |
| SP623 | Standard M3.5 Security Screw 50mm Long (Bag 100) |
| SP625 | Standard M3.5 Security Screw 25mm Long (Bag 100) |

Require 2mm security allen key / driver.

## Longer Fixing Screws

SP640 Define® M3.5 Dia. 40mm Long Screws (Bag 100)

Screws available in Black Nickel (BN) and Chrome (CH).

SP650 Standard M3.5 Dia. 50mm Long Screws (Bag 100)

Screws available in Brass (BR), Chrome (CH), Black Nickel (BN) & Matt Black (MB). Suffix code with preferred finish.

SP675 Standard M3.5 Dia. 75mm Long Screws (Bag 100)

Screws available in Brass (BR), Chrome (CH), Black Nickel (BN) & Matt Black (MB). Suffix code with preferred finish.

**Standards:** ISO 2010

**Understanding the code:**
Longer Fixing Screws available in **BR** Brass, **CH** Chrome, **MB** Matt Black and **BN** Black Nickel finishes.
Suffix code with preferred finish.

20 YR WARRANTY

## 20 Year Warranty

All Aquip66® products are covered by our 20 year warranty against any fault in materials or manufacture experienced at any time within 20 years of the date of supply.

# IP66 Weatherproof Sockets & Switches

AquIP66

A comprehensive selection of weatherproof electrical accessory products are featured in the following pages. The polycarbonate construction makes the Aquip66® range a durable and long lasting heavy duty range of products.

All switch products are of modular construction allowing the installer total freedom in designing customised switching solutions according to on-site requirements.

All socket outlets are tested and approved to BS1363. Unfurnished enclosures are available for use in conjunction with our extensive range of MiniGrid® & GridPro® modules.

OA411AGU | OA401AGU

OA412AGU | OA402AGU

MINIGRID®

10A Switch Modules
MiniGrid® switch modules are 10A rated so and feature a simply single screw installation.

Single Screw Feature
Easily and quickly mount modules onto unfurnished yokes by means of a simple single screw fixing.

### IP66 Weatherproof Switches

OA411AGU 1 Gang 10AX 2 Way IP66 MiniGrid® Weatherproof Switch
Fitted with a 2-way MiniGrid® module

OA412AGU 2 Gang 10AX 2 Way IP66 MiniGrid® Weatherproof Switch
Fitted with 2 x 2-way MiniGrid® modules

### IP66 Weatherproof Unfurnished Switch Enclosures - MiniGrid®

OA401AGU 1 Gang IP66 Unfurnished Weathproof Switch With MiniGrid® Yokes
Modules supplied separately

OA402AGU 2 Gang IP66 Unfurnished Weathproof Switch With MiniGrid® Yokes
Modules supplied separately

**Standards: 401 402:** BS 5733 BS EN 60529 **411 412:** BS EN 60669-1 BS EN 60529
**Cable Size (mm²): 411 412:** 4 x 1.5 or 2 x 2.5 **Knockouts (mm):** 20mm
**Dimensions (mm):** 91 (W) x 106 (H) x 72.5 (D)

OA20021AG | OA20401AG

OA20022AG | OA20402AG

GRIDPRO®

20A Switch Modules

GridPro® switch modules are 20A rated so they are ideal for both domestic and commercial applications.

Screw Attachment Feature
Allows easy removal and assembly of the module onto a grid Yoke.

### IP66 Weatherproof Switches

OA20021AG 1 Gang 20AX 2 Way IP66 GridPro® Weatherproof Switch
OA20022AG 2 Gang 20AX 2 Way IP66 GridPro® Weatherproof Switch

### IP66 Weatherproof Unfurnished Switch Enclosures - GridPro®

OA20401AG 1 Gang IP66 Unfurnished Weathproof Switch With GridPro® Yokes
OA20402AG 2 Gang IP66 Unfurnished Weathproof Switch With GridPro® Yokes

**Standards: 20401 20402:** BS 5733 BS EN 60529 **20021 20022:** BS EN 60669-1 BS EN 60529
**Cable Size (mm²): 20021 20022:** 3 x 2.5 or 1 x 4
**Dimensions (mm):** 91 (W) x 106 (H) x 72.5 (D)

OA035AG OA036AG

## IP66 Weatherproof Switched Socket Outlets

OA035AG 1 Gang 13A DP IP66 Weatherproof Switched Socket
Fitted with a 1 gang Mode® anthracite grey switched socket

OA036AG 2 Gang 13A DP IP66 Weatherproof Switched Socket (Twin Earth)
Fitted with a 2 gang Mode® anthracite grey switched socket

**Standards:** BS 1363-2 BS EN 60529
**Knockouts (mm):** 20mm (Socket) **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm):** **1 Gang:** 87 (W) x 158 (H) x 90 (D) **2 Gang:** 158 (W) x 158 (H) x 90 (D)

OA501AG OA502AG

## IP66 Weatherproof Unfurnished Wiring Accessory Enclosures

OA501AG 1 Gang IP66 Unfurnished Weatherproof Wiring Accessory Enclosure
Accepts standard 1 gang wiring accessories (supplied separately)

OA502AG 2 Gang IP66 Unfurnished Weatherproof Wiring Accessory Enclosure
Accepts standard 2 gang wiring accessories (supplied separately)

**Standards:** BS 5733 BS EN 60529
**Knockouts (mm):** 20mm (Socket)
**Dimensions (mm):** **1 Gang:** 87 (W) x 158 (H) x 90 (D) **2 Gang:** 158 (W) x 158 (H) x 90 (D)

IP66 Weatherproof Switched Socket Outlets

OARCDP036 2 Gang 13A IP66 Weatherproof Passive RCD Switched Socket (Twin Earth)
Fitted with a 2 gang Mode® white RCD switched socket

OA835T

OA840T

IP66 Weatherproof Switched Socket Outlets

OA835T 1 Gang 13A DP IP66 Weatherproof Switched Socket With Neon - Semi-Transparent Cover
Fitted with a 1 gang Mode® anthracite grey switched socket with neon

OA840T 2 Gang 13A DP IP66 Weatherproof Switched Socket Outboard Rockers With Neons - Semi-Transparent Cover
Fitted with a 2 gang Mode® anthracite grey switched socket outboard rockers with neons

**Standards:** BS 1363-2 BS EN 60529 **652:**BS 1362 **036:** IEC 62640 BS 7288 BS EN 60529 IEC 61000-6-1 & IEC 61000-6-3
**Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm): 1 Gang:** 87 (W) x 158 (H) x 90 (D) **2 Gang:** 158 (W) x 158 (H) x 90 (D)

OA652T

OA652AG

IP66 Weatherproof Fused Connection Units

OA652T 13A DP IP66 Weatherproof Fused Connection Unit - Semi-Transparent Cover
Fitted with a 1 gang Mode® anthracite grey fused switched Connection unit with neon

OA652AG 13A DP IP66 Weatherproof Fused Connection Unit
Fitted with a 1 gang Mode® anthracite grey fused switched Connection unit with neon

**Standards:** BS 1363-2 BS EN 60529 **652:**BS 1362 **036:** IEC 62640 BS 7288 BS EN 60529 IEC 61000-6-1 & IEC 61000-6-3
**Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm): 1 Gang:** 87 (W) x 158 (H) x 90 (D) **2 Gang:** 158 (W) x 158 (H) x 90 (D)

# Features & Benefits

AquIP66®

Robust Construction
- Polycarbonate construction
- High impact resistance
- UV protected against fading
- Ergonomic Design
- Smooth operation of switches
- Neutral modern design suitable for most locations
- Flexible rubber base allows for mounting on most types of uneven surfaces

Multiple Gland Entry Position
- Multiple Knockouts (20mm) for entry from all angles

Weatherproof - IP66
- Offers high level of protection against ingress of water jets and dust

Multiple Switch Configurations
- Designed to fit switched MiniGrid® or GridPro® Modules (depending on which yoke purchased).

MINIGRID®

10A Switch Modules
MiniGrid® switch modules are 10A rated so and feature a simply single screw installation.

Single Screw Feature
Easily and quickly mount modules onto unfurnished yokes by means of a simple single screw fixing.

GRIDPRO

20A Switch Modules

GridPro® switch modules are 20A rated so they are ideal for both domestic and commercial applications.

Screw Attachment Feature
Allows easy removal and assembly of the module onto a grid Yoke.

20 YR WARRANTY

## 20 Year Warranty

All Metal Clad products are covered by our 20 year warranty against any fault in materials or manufacture experienced at any time within 20 years of the date of supply.

# Metal Clad Accessories

MINIGRID®

The products illustrated in this section of the catalogue are finished plates and unfurnished mounting plates.

A comprehensive selection of Metal Clad electrical accessory products are featured in the following pages. Electrophoretically coated plates and back boxes provide a durable and long lasting heavy duty finish to this attractive range of products.

All switch products are of modular construction allowing the installer total freedom in designing customised switching solutions according to on-site needs.

All socket outlets and spurs are tested and approved to BS1363.

Unfurnished plates and mounting boxes are available for use in conjunction with our range of MiniGrid® and New Media™ modules.

CL010 | 011 | 025

CL012

CL013

CL019

CL105

MINIGRID®

For the complete range of MiniGrid® modules please see the MiniGrid® section of the catalogue.

Plates Switches - MiniGrid® c / w 40mm Mounting Box

| | |
|---|---|
| CL010 | 10AX 1 Gang 1 Way Plate Switch |
| CL011 | 10AX 1 Gang 2 Way Plate Switch |
| CL011B | 10AX 1 Gang 2 Way Plate Switch (No Knockouts) |
| CL012 | 10AX 2 Gang 2 Way Plate Switch |
| CL012B | 10AX 2 Gang 2 Way Plate Switch (No Knockouts) |
| CL013 | 10AX 3 Gang 2 Way Plate Switch |
| CL019 | 10AX 4 Gang 2 Way Plate Switch |
| CL105 | 10AX 6 Gang 2 Way Plate Switch |
| CL025 | 10AX 1 Gang Intermediate Switch |

Interchangeable with WH coloured MiniGrid® modules

**Standards:** BS EN 60669-1
**Back Box Depth (mm):** 40 **Cable Size (mm²):** 4 x 1.5 or 2 x 2.5 **Knockouts (mm):** 20mm
**Dimensions (mm):** **1 Gang:** 80 (W) x 80 (H) x 42 (D) **2 Gang:** 140 (W) x 80 (H) x 42 (D)

CL401

CL404

CL402

CL406

CL403

CL426

MINIGRID®

For the complete range of MiniGrid® modules please see the MiniGrid® section of the catalogue.
CL plates should be used with WH coloured modules.

Unfurnished Plates - MiniGrid® c / w 40mm Mounting Box

| | |
|---|---|
| CL401 | 1 Gang MiniGrid® Unfurnished Plate - 1 Aperture |
| CL402 | 1 Gang MiniGrid® Unfurnished Plate - 2 Apertures |
| CL403 | 1 Gang MiniGrid® Unfurnished Plate - 3 Apertures |
| CL404 | 2 Gang MiniGrid® Unfurnished Plate - 2 x 2 Apertures |
| CL406 | 2 Gang MiniGrid® Unfurnished Plate - 2 x 3 Apertures |
| CL426 | 2 Gang MiniGrid® Unfurnished Plate - 6 In-Line Apertures |

**Standards:** BS 5733 **Back Box Depth (mm):** 40 **Knockouts (mm):** 20mm
**Dimensions (mm):** **1 Gang:** 80 (W) x 80 (H) x 42 (D) **2 Gang:** 140 (W) x 80 (H) x 42 (D)

MINIGRID®

For the complete range of MiniGrid® modules please see the MiniGrid® section of the catalogue.
CL plates should be used with WH coloured modules.

2 Tier Unfurnished Plates - MiniGrid® c / w 40mm Mounting Box

CL512 2 Tier MiniGrid® Unfurnished Plate - 12 Apertures - Metal Clad
2 x GR100 Yokes required, see page K7. When using dimmer mounting kit, 50mm deep back box required, see page N32

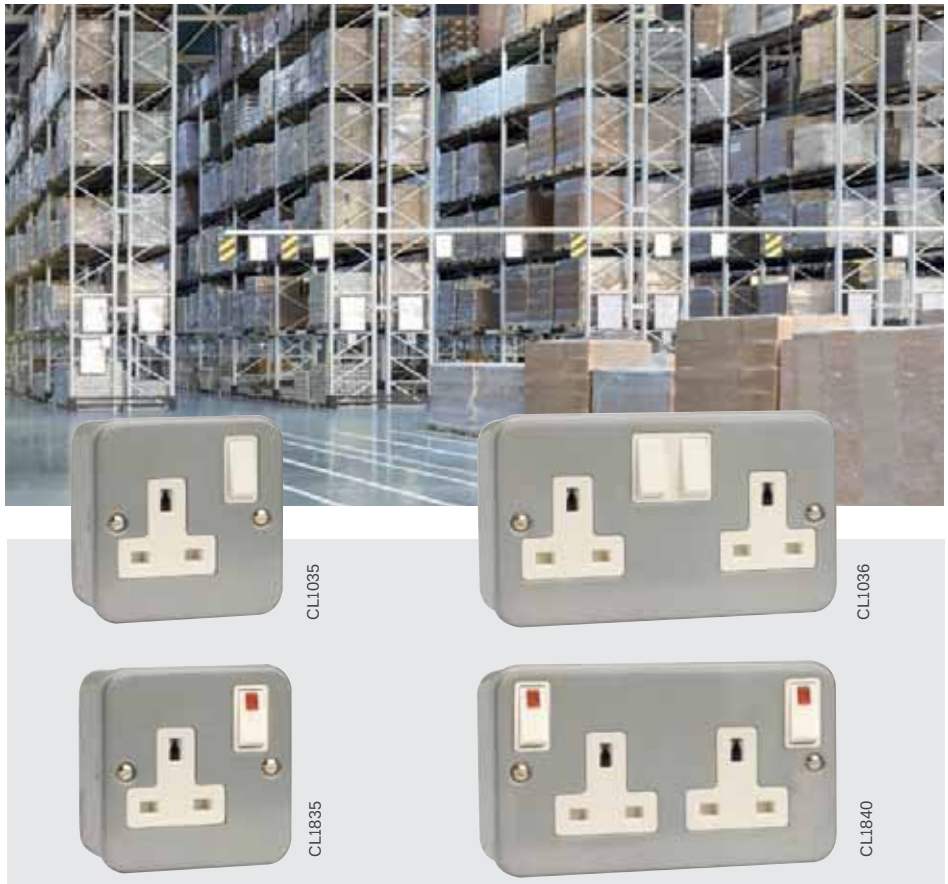
3 Tier Unfurnished Plates - MiniGrid® c / w 40mm Mounting Box

CL518 3 Tier MiniGrid® Unfurnished Plate - 18 Apertures - Metal Clad
3 x GR100 Yokes required, see page K7. When using dimmer mounting kit, 50mm deep back box required, see page N32

**Standards:** BS 5733 **Back Box Depth (mm):** 40 **Knockouts (mm):** 20mm
**Dimensions (mm):** **1 Gang:** 80 (W) x 80 (H) x 42 (D) **2 Gang:** 140 (W) x 80 (H) x 42 (D)
**512:** 148 (W) x 148 (H) x 42 (D) **518:** 148 (W) x 207 (H) x 42 (D)








Switched Safety Shutter Socket Outlets c / w 40mm Mounting Box

CL1035 13A 1 Gang DP Switched Socket
CL1035B 13A 1 Gang DP Switched Socket (No Knockouts)

CL1835 13A 1 Gang DP Switched Socket With Neon
CL1835B 13A 1 Gang DP Switched Socket With Neon (No Knockouts)

CL1036 13A 2 Gang DP Switched Socket (Twin Earth)
CL1036B 13A 2 Gang DP Clean Earth Switched Socket (Twin Earth) (No Knockouts)

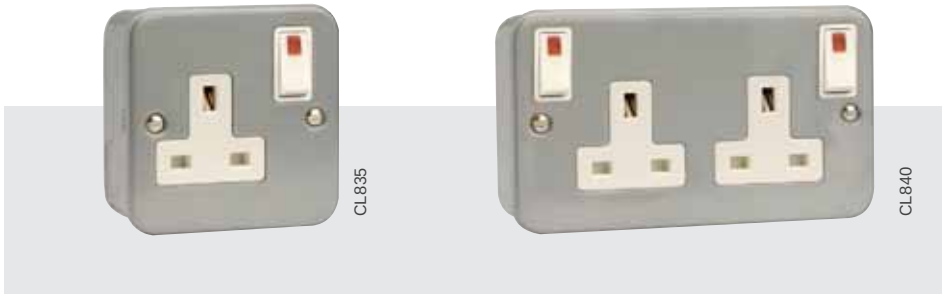
CL1840 13A 2 Gang DP Switched Socket With Outboard Rockers & Neons (Twin Earth)
CL1840B 13A 2 Gang DP Switched Socket With Outboard Rockers & Neons (Twin Earth) (No Knockouts)

Safety Shuttered Sockets listed above are only available for sale in the Republic of Ireland.

**Standards:** BS 1363-2
**Back Box Depth (mm):** 40 **Cable Size (mm²):** 3 x 2.5 or 2 x 4 **Knockouts (mm):** 20mm
**Dimensions (mm):** **1 Gang:** 80 (W) x 80 (H) x 42 (D) **2 Gang:** 140 (W) x 80 (H) x 42 (D)

Switched Socket Outlets c / w 40mm Mounting Box

| | |
|---|---|
| CL035 | 13A 1 Gang DP Switched Socket |
| CL035B | 13A 1 Gang DP Switched Socket (No Knockouts) |
| CL036 | 13A 2 Gang DP Switched Socket (Twin Earth) |
| CL036B | 13A 2 Gang DP Switched Socket (Twin Earth) (No Knockouts) |
| CL835 | 13A 1 Gang Switched Socket With Neon Rocker |
| CL840 | 13A 2 Gang Switched Socket With Outboard Neon Rockers (Twin Earth) |



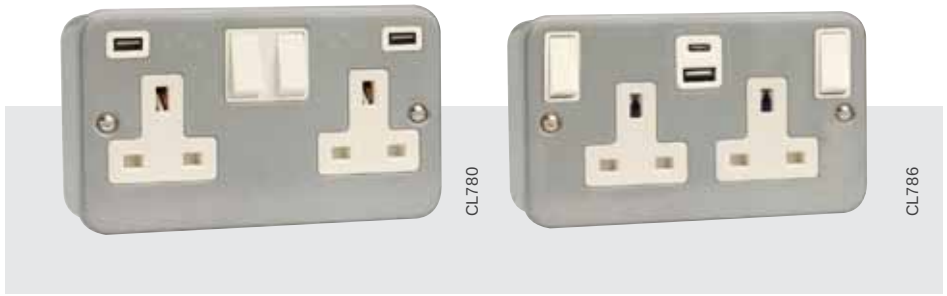

Switched Socket Outlets c / w 40mm Mounting Box

| | |
|---|---|
| CL1836 | 13A 2 Gang DP Switched Socket With Outboard Rockers (Twin Earth) |
| CL1836B | 13A 2 Gang DP Switched Socket With Outboard Rockers (Twin Earth) (No Knockouts) |

**Standards:** BS 1363-2
**Back Box Depth (mm):** 40 **Cable Size (mm²):** 3 x 2.5 or 2 x 4 **Knockouts (mm):** 20mm
**Dimensions (mm):** **1 Gang:** 80 (W) x 80 (H) x 42 (D) **2 Gang:** 140 (W) x 80 (H) x 42 (D)

Switched Sockets With USB Outlets c / w 40mm Mounting Box

| | |
|---|---|
| CL771U | 13A 1 Gang Switched Socket With 2.1A USB Outlet (Twin Earth) |
| CL770 | 13A 2 Gang Switched Socket With 2.1A USB Outlet (Twin Earth) |
| CL780 | 13A 2 Gang Switched Socket With Twin 2.1A USB Outlets (4.2A) (Twin Earth) |




Switched Sockets With USB Outlets c / w 40mm Mounting Box

| | |
|---|---|
| CL785 | 13A 1 Gang Switched Socket Outlet With Type A & C USB (4A) Outlets (Twin Earth) |
| CL786 | 13A 2 Gang Switched Socket Outlet With Type A & C USB (4.2A) Outlets (Twin Earth) |

**Standards:** BS 1363-2 BS 1363-2: 2016 +A1: 2018 BS EN IEC 62368-1 BS EN 62680-1-1
**Back Box Depth (mm):** 40 **Cable Size (mm²):** 3 x 2.5 or 2 x 4 **Knockouts (mm):** 20mm
**Dimensions (mm):** **1 Gang:** 80 (W) x 80 (H) x 42 (D) **2 Gang:** 140 (W) x 80 (H) x 42 (D)

CL030 CL032

### Unswitched Socket Outlet c / w 40mm Mounting Box

CL030 13A 1 Gang Unswitched Socket

CL032 13A 2 Gang Unswitched Socket (Twin Earth)

CL660 CL675

Two keys provided (Spare keys available: SP660)

### Lockable Switches c / w 40mm Mounting Box

CL660 20A Double Pole Key Lockable Switch

CL660B 20A Double Pole Key Lockable Switch (No Knockouts)

### Lockable Socket Outlets

CL675 13A 1 Gang DP Key Lockable Socket With Neon

CL675B 13A 1 Gang DP Key Lockable Socket With Neon (No Knockouts)

**Standards:** BS 1363-2 **660 660B 675 675B:** BS EN 60669-1
**Back Box Depth (mm):** 40 **Cable Size (mm²):** 3 x 2.5 or 2 x 4
**Dimensions (mm): 1 Gang:** 80 (W) x 80 (H) x 42 (D) **2 Gang:** 140 (W) x 80 (H) x 42 (D)

CL049 | 050 CL051

### Fused Connection Units With Optional Flex Outlet c / w 40mm Mounting Box

CL049 3A Fused Connection Unit
CL050 13A Fused Connection Unit
CL051 13A DP Switched Fused Connection Unit
CL051B 13A DP Switched Fused Connection Unit (No Knockouts)

CL052 CL053 CL1252

### Fused Connection Units With Optional Flex Outlet c / w 40mm Mounting Box

CL052 13A DP Switched Fused Connection Unit With Neon
CL053 13A Fused Connection Unit With Neon
CL1252 13A DP Key Operation Fused Connection Unit With Neon & Lockable Fuse Drawer

**Standards:** BS EN 60669-1 **Fused Connection Units:** BS 1363-4 BS 1362
**Back Box Depth (mm):** 40 **45A:** 50
**Cable Size (mm²):** 3 x 2.5 or 2 x 4 **049:** 4 x 2.5 or 2 x 4 **45A:** 1 x 16 **Knockouts (mm):** 20mm
**Dimensions (mm): 1 Gang:** 80 (W) x 80 (H) x 42 (D) **2 Gang:** 140 (W) x 80 (H) x 42 (D) **200 201:** 80 (W) x 80 (H) x 52 (D)
**202 203:** 80 (W) x 140 (H) x 52 (D)

CL200

CL201

45A Switches c / w 50mm Mounting Box

CL200 45A 1 Gang DP Switch

CL201 45A 1 Gang DP Switch With Neon

CL202

CL203

45A Switches c / w 50mm Mounting Box

CL202 45A 2 Gang DP Switch

CL203 45A 2 Gang DP Switch With Neon

**Standards:** BS EN 60669-1 BS 1363-4 BS 1362
**Back Box Depth (mm):** 50 **Cable Size (mm²):** 1 x 16 **Knockouts (mm):** 20mm
**Dimensions (mm):** **200 201:** 80 (W) x 80 (H) x 52 (D) **202 203:** 80 (W) x 140 (H) x 52 (D)

CLRCDP036

RCD Socket Outlets c / w 40mm Mounting Box

CLRCDP036 13A 2 Gang Passive RCD Switched Socket Outlet (Twin Earth)

CL022

CL023

20A Control Switches with Optional Flex Outlet c / w 40mm Mounting Box

CL022 20A DP Switch
CL023 20A DP Switch With Neon

**Standards:** BS EN 60669-1
**RCD:** BS 1363-2 IEC 62640 BS 7288 SASO 2203 IEC 61000-6-1 & IEC 61000-6-3
**Back Box Depth (mm):** 40 **Cable Size (mm²):** 3 x 2.5 or 2 x 4 **Knockouts (mm):** 20mm
**Dimensions (mm):** **1 Gang:** 80 (W) x 80 (H) x 42 (D) **2 Gang:** 140 (W) x 80 (H) x 42 (D)

CL060

CL061

## Blank Plates

CL060 1 Gang Blank Plate
CL061 2 Gang Blank Plate

**Standards:** BS 5733
**Dimensions (mm):** **060:** 80 (W) x 80 (H) x 4 (D) **061:** 140 (W) x 80 (H) x 4 (D)

CL120

CL158

## Telephone & Coaxial Socket Outlets c / w 40mm Mounting Box

CL120 Single Telephone Outlet - Master
CL158 Single Isolated Coaxial Outlet

Isolated outlets will filter out any interference, if a 2 way signal is required, i.e. for use with satellite hard wire extensions, then a non-isolated outlet is required.

CL311

CL312

new media™

All New Media™ plates are suitable for use with standard euro module inserts.
Selecting from a range of module inserts covering all manner of media transfer, the installer will now be able to configure their own arrangement of TV, radio or satellite reception, plus speaker, telephone and data outlets.
All modules can be inserted into single or double wall plates, fitted onto standard switch and socket boxes.

## Unfurnished Plates - New Media™ c / w 40mm Mounting Box

CL311 1 Gang New Media™ Unfurnished Plate - 2 Apertures
CL312 2 Gang New Media™ Unfurnished Plate - 4 Apertures

**Standards:** BS 5733
**Back Box Depth (mm):** 40
**Knockouts (mm):** 20mm
**Dimensions (mm):** **1 Gang:** 80 (W) x 80 (H) x 42 (D) **2 Gang:** 140 (W) x 80 (H) x 42 (D)

Mounting Boxes

| | |
|---|---|
| CL083 | 1 Gang 40mm Deep Mounting Box |
| CL084 | 2 Gang 40mm Deep Mounting Box |
| CL085 | 1 Gang 40mm Deep Mounting Box (No Knockouts) |
| CL086 | 2 Gang 40mm Deep Mounting Box (No Knockouts) |
| CL087 | 1 Gang 50mm Deep Mounting Box |
| CL088 | 2 Gang 50mm Deep Mounting Box |
| CL089 | 2 Gang 50mm Deep 2 Tier Mounting Box |
| CL089B | 2 Gang 50mm Deep 2 Tier Mounting Box (No Knockouts) |
| CL090 | 2 Gang 50mm Deep 3 Tier Mounting Box |
| CL090B | 2 Gang 50mm Deep 3 Tier Mounting Box (No Knockouts) |

**Standards:** BS 4662 **089 089B 090 090B:** BS 5733
**Dimensions (mm): 083 085:** 76 (W) x 76 (H) x 40 (D) **084 086:** 136 (W) x 76 (H) x 40 (D) **087:** 76 (W) x 76 (H) x 50 (D) **088:** 136 (W) x 76 (H) x 50 (D) **089:** 137 (W) x 136 (H) x 50 (D) **090:** 137 (W) x 196 (H) x 50 (D)

# Red Accessories & Floor Accessories

MINIGRID®

The products illustrated in this section of the catalogue are finished plates and unfurnished mounting plates.

A selected range of special purpose moulded & Stainless Steel accessories.

WA037RD

WA179

WA180

### Socket Outlets

| | |
|---|---|
| WA037RD | 13A 2 Gang DP Switched Socket Clean Earth |
| WA179 | 13A 2 Gang Unswitched Socket (Twin Earth) |
| WA180 | 13A 2 Gang DP Switched Socket (Twin Earth) |

WA081RD

WA185

### Moulded Surface Pattress Boxes - Urea

| | |
|---|---|
| WA081RD | 1 Gang 25mm Deep Surface Pattress Box |
| WA185 | 2 Gang 25mm Deep Surface Pattress Box |

**Standards:** BS 4662 **13A:** BS 1363-2
**Back Box Depth (mm):** **13A:** 25 **Cable Size (mm²):** **13A:** 3 x 2.5 or 2 x 4
**Dimensions (mm):** **081:** 87 (W) x 87 (W) x 30 (D) **2 Gang:** 146 (W) x 86 (H) x 11 (D) **185:** 147 (W) x 87 (W) x 30 (D)

WA049RD

WA056RD

### Fused Connection Units

| | |
|---|---|
| WA049RD | 3A Fused Connection Unit |
| WA056RD | 3A DP Switched Fused Connection Unit |

WA401RD

WA403RD

WA402RD

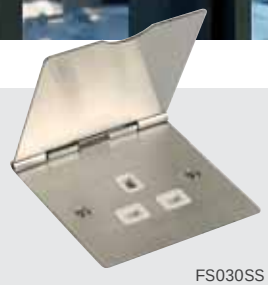
MINIGRID®

For the complete range of compatible modules, see the dedicated MiniGrid® section, page K18.

### Unfurnished Plates - MiniGrid®

| | |
|---|---|
| WA401RD | 1 Gang MiniGrid® Unfurnished Plate - 1 Aperture |
| WA402RD | 1 Gang MiniGrid® Unfurnished Plate - 2 Apertures |
| WA403RD | 1 Gang MiniGrid® Unfurnished Plate - 3 Apertures |

**Standards:** BS 5733 **049 056:** BS 1363-4 BS 1362
**Back Box Depth (mm):** Dependent On Module Fitted **049 056:** 25 **Cable Size (mm²):** **049 056:** 4 x 2.5 or 2 x 4
**Dimensions (mm):** 86 (W) x 86 (H) x 11 (D)



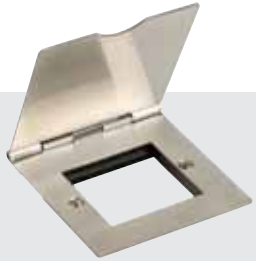
FS030SS

FS032SS

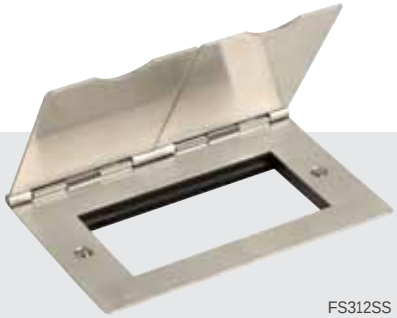
13A Floor socket outlets BS Kitemark Approved

### Floor Socket Outlets

FS030SS 13A 1 Gang Floor Socket
FS032SS 13A 2 Gang Floor Socket



FS311SS



FS312SS

new media™

For a complete range of New Media™ modules please see the New Media™ section.

### Unfurnished Floor Plates - For Use With New Media™ Modules

FS311SS 1 Gang New Media™ Unfurnished Floor Plate - 2 Apertures
FS312SS 2 Gang New Media™ Unfurnished Floor Plate - 4 Apertures

**Standards: 030 032:** BS 1363-2 **311 312:** BS 5733
**Back Box Depth (mm): 030 032:** 35 **311 312:** Dependent On Modules Fitted
**Cable Size (mm²): 030 032:** 3 x 2.5 or 2 x 4
**Dimensions (mm): 1 Gang:** 86 (W) x 93 (D) x 5 (H) **2 Gang:** 146 (W) x 93 (D) x 5 (H)

PRW213

### Pull Cord Switches

PRW213 50A DP Round Pull Cord Switch With Mechanical 'On / Off', Neon & Pattress
(Twin Terminal Screws) C / W Pattress

PRW208

PRW210 | PRW211

Decorative covers available for PRC210, see overleaf

### Pull Cord Switches

PRW208 10A 3 Pole Fan Isolation Pull Cord Switch
PRW210 45A DP Pull Cord Switch With Mechanical 'On / Off' & Neon
PRW211 50A DP Pull Cord Switch With Mechanical 'On / Off' & Neon
(Twin Terminal Screws)

PRC009

PRC210

PRC216

### Pull Cord Switches

PRC009 10AX 2 Way Ceiling Pull Cord Switch
PRC210 10AX 2 Way Pull Cord Switch
PRC216 16A DP Pull Cord Switch With Neon

**Standards:** BS EN 60669-1
**Cable Size (mm²): 211 213:** 1 x 25 **009 208 PRC210 216:** 2 x 1.5 or 1 x 2.5 **PRW210:** 1 x 6
**Dimensions (mm): 009:** 76 (Dia) x 51.5 **PRC210 216:** 70 (Dia) x 42 (D) **208 PRW210 211:** 86 (W) x 86 (H) x 43 (D)
**213:** 100 (Dia) x 77 (D)

CV210CH

PRC210 + CV210CH

### Pull Cord Switches

| | |
|---|---|
| CV210CH | Polished Chrome Cover for PRC210 |
| CV210SC | Satin Chrome Cover for PRC210 |

PRC1440

PRC1440RD

### Pendant Sets & Ceiling Rose

| | |
|---|---|
| PRC1440 | 6A 4 Pin Quick-Connect Ceiling Rose, Plug & Cover |
| PRC1440RD | 6A 4 Pin Quick-Connect Ceiling Rose, Plug & Cover - Red |

**Standards: 1440:** BS 6972 BS 5733 **210:** BS 5733
**Cable Size (mm²):** 2 x 1.5
**Dimensions (mm): 210:** 76 (Dia) x 44 (D) **1440:** 70 (Dia) x 43 (D)

PRC006

PRC008

PRC1015

PRC017

PRC1031 | PRC1033

### T2 Batten Lampholders

| | |
|---|---|
| PRC006 | T2 BC Batten Lampholder Straight Skirt |
| PRC007 | T2 BC Batten Lampholder H.O. Skirt |
| PRC008 | T2 BC Angled Batten Lampholder Straight Skirt |

### T2 Loop-In Batten Lampholders

| | |
|---|---|
| PRC015 | T2 BC Loop-In Batten Lampholder With Straight Skirt |
| PRC016 | T2 BC Loop-In Batten Lampholder With H.O. Skirt |
| PRC017 | T2 BC Loop-In Angled Batten Lampholder With H.O. Skirt |

### Safety Batten Lampholders

| | |
|---|---|
| PRC1015 | T2 BC Loop-In Batten Safety Lampholder With Straight Skirt |

### Pendant Sets & Ceiling Rose

| | |
|---|---|
| PRC031 | 6" T2 BC Ceiling Pendant Set |
| PRC033 | 9" T2 BC Ceiling Pendant Set |
| PRC038 | 6" T2 BC TRS Pendant Set |

### Safety Pendant Sets & Ceiling Rose

| | |
|---|---|
| PRC1031 | 6" T2 BC Ceiling Safety Pendant Set |
| PRC1033 | 9" T2 BC Ceiling Safety Pendant Set |

For our full range of wiring accessories, see the Curva®, Polar™ and Mode® sections of this catalogue.

**Standards:** BS EN 61184 BS 67 **Batten:** BS EN 61184 **1031 1033:** BS EN 61184 BS EN IEC 60598-2-1 BS 67 **Cable Size (mm²):** 2 x 1.5
**Dimensions (mm): 031 033 038:** 86 (Dia) x 30 **1031 1033:** 86 (Dia) x 30 **006:** 65 (Dia) x 62
**007:** 65 (Dia) x 66 **008:** 65 (Dia) x 62**015:** 86 (Dia) x 74 **016:** 86 (Dia) x 80 **017:**86 (Dia) x 94

PRC005 | 012

### T2 Push-Bar Lampholders

PRC005 T2 BC ½" Thread Entry Cord Grip Switched Lampholder Straight Skirt
PRC012 T2 BC 10mm Thread Entry Cord Grip Switched Lampholder Straight Skirt

Lampholder with straight skirt and push-bar

PRC001 PRC029

### Pendant Sets & Ceiling Rose

PRC001 Ceiling Rose Fitted With Clear Polycarbonate Base
PRC029 6" T2 Pendant Set Without Rose

PRC003 PRC004 | 011 PRC020

### T2 Lampholders

PRC003 T2, BC Cord Grip Pendant Lampholder
PRC020 T2 BC Cord Grip TRS Lampholder
PRC004 T2 BC ½" Thread Entry Cord Grip Lampholder Straight Skirt
PRC011 T2 BC 10mm Thread Entry Cord Grip Lampholder Straight Skirt

**Standards:** BS EN 61184 **001:** BS 67 **Cable Size (mm²):** 0.75 **001:** 2 x 1.5
**Dimensions (mm):** **001:** 86 (Dia) x 30 **005 012:** 44 (Dia) x 87 **003:** 36 (Dia) x 56 **004 011:** 36 (Dia) x 58 **020 029:** 51 (Dia) x 84

ES001 ES008 Cable not included

### Extension Sockets And Leads

ES001 13A 1 Gang Trailing Socket With Neon
ES002 13A 2 Gang Trailing Socket With Neon
ES003 13A 4 Gang Trailing Socket With Neon
ES008 13A 3 Gang Trailing Socket With Neon

PA040 PA041A PA042A

### Multiplugs And Adaptors

PA040 1 Amp Fused Shaver Adaptor - White
PA041A 13A 2 Way Resililent Adaptor - White
PA042A 13A Fused 3 Way Adaptor - White

**Standards:** BS 1363-2 **040:** BS 1363 BS 646 **041:** BS 1363/A **042:** BS 1363/A BS 1362
**Dimensions (mm):** **001:** 96 (W) x 62 (D) x 27 (H) **002:** 150 (W) x 62 (D) x 27 (H)**003:** 258 (W) x 62 (D) x 27 (H)
**008:** 200 (W) x 62 (D) x 27 (H)**040:** 49 (W) x 25.5 (D) x 50 (H) **041:** 50 (W) x 48.5 (D) x 50 (H)**042:** 50 (W) x 48.5 (D) x 68 (H)

Junction Boxes - White

| | |
|---|---|
| WA070 | 5A Junction Box Selective Entry 4 Terminal |
| WA071 | 20A Junction Box Selective Entry 4 Terminal |
| WA072 | 30A Junction Box Selective Entry 3 Terminal |
| WA073 | 20A Junction Box Selective Entry 6 Terminal |
| WA074 | 20A Junction Box 58mm Diameter 4 Terminal |

Junction Boxes - Brown

| | |
|---|---|
| WA075 | 5A Junction Box Selective Entry 4 Terminal |
| WA076 | 20A Junction Box Selective Entry 4 Terminal |
| WA077 | 30A Junction Box Selective Entry 3 Terminal |
| WA078 | 20A Junction Box Selective Entry 6 Terminal |
| WA079 | 20A Junction Box 58mm Diameter 4 Terminal |

**Standards:** BS EN 60670-1 BS EN 60670-22
**Cable Size (mm²): 070 075:** 2 x 1.5 **071 076:** 4 x 1.5 **072 077:** 2 x 4 **073 078:** 4 x 1.5 **074 079:** 4 x 1.5
**Dimensions (mm): 070 075:** 60 (Dia) x 23 **071 076:** 80 (Dia) x 30 **072 077:** 90 (Dia) x 35 **073 078:** 86 (Dia) x 30 **074 079:** 55 (Dia) x 25

Junction Boxes

| | |
|---|---|
| WA220 | 60A Junction Box 3 Terminal - White |
| WA222 | 60A Junction Box 3 Terminal - Brown |

UK Design Registration No. 3009706

| | |
|---|---|
| WA227 | 100A 1 Pole 5 x 35mm² Link Box - Black |
| WA228 | 100A 2 Pole 5 x 35mm² Link Box - Black |

**Standards:** BS 5733
**Cable Size (mm²): 227 228:** 1 x 35 **220 222:** 1 x 25
**Dimensions (mm): 220 222:** 153 (W) x 91 (D) x 35 (H) **227:** 66 (W) x 49 (D) x 34 (H) **228:** 115 (W) x 65 (D) x 55 (H)

# Connection & Flex Outlet Plates

CMA215

PRW217

## 45A Cooker Connection Plates

CMA215 45A 1 Gang Cooker Connection Plate
PRW215 45A 1 Gang Cooker Connection Plate

UK Design Registration No. 3015175

PRW217 45A Easyfit Dual Appliance Outlet Plate

UK Design Registration No. 3015175
Utilises standard 1 gang back box 25mm deep minimum.

## Pattress Box for PRW217 - Urea

PRW218 35mm Deep Pattress Box For Use With PRW217

**Standards:** BS 5733
**Back Box Depth (mm):** 35 **217:** 25 **Cable Size (mm²): 215:** 2 x 10 **217:** 1 x 10
**Dimensions (mm): 215:** 86 (W) x 86 (H) x 22.5 (D) **217:**85 (W) x 130 (H) x 27 (D) **218:** 85 (W) x 130 (H) x 37.5 (D)



# Fused Main Switch

DB700

DB750

DB981

DB701

DB751

DB790

80A and 100A variants are supplied with an 80A Bussmann fuse as standard. However, the following fuses will fit:

| | Fuse Manufacturer | | | |
|---|---|---|---|---|
| **Rating** | **Bussmann** | **Lawson** | **MEM** | **GE** |
| 40A | 40KR85 | ME40 | 404R | RHF40 |
| 45A | 45KR85 | ME45 | 454R | - |
| 50A | 50KR85 | ME50 | 504R | RHF50 |
| 60A | 60KR85 | ME60 | 604R | RHF60 |
| 70A | 70KR85 | ME70 | - | - |
| 80A | 80KR85 | ME80 | 804R | RHF80 |
| 100A | 100KR85 | ME100 | - | - |

## Fused Main Switch

DB700 80A Fused Main Switch (80A HRC Fuse Fitted)
DB701 80A Fused Main Switch (80A HRC Fuse Fitted) - Lockable
DB750 100A Fused Main Switch (80A HRC Fuse Fitted)
DB751 100A Fused Main Switch (80A HRC Fuse Fitted) - Lockable
DB790 Metal Enclosure for Fused Main Switch (DB700/701)
DB981 Elongated Cable Shroud (Packaged Individually)

**Standards: 700 701 750 751:** BS 60947 3
**Cable Size (mm²): 700 701 790:** 25 & 16 **750 751 791 981:** 35 & 25
**Dimensions (mm): 700 701:** 127.5 (W) x 53.5 (D) x 80.5 (H) **750 751:** 133 (W) x 60 (D) x 101 (H)
**790:** 168 (W) x 94.5 (D) x 133 (H) **981:** 80 (W) x 90 (D) x 45 (H)

# Rewireable Plug Tops

PA166

PA312

PA330

PA380
Non-standard plug

### Round Pin Unfused Plug Tops

| | |
|---|---|
| PA165 | 2A Round Pin Plug - White |
| PA175 | 2A Round Pin Plug - Black |
| PA166 | 5A Round Pin Plug - White |
| PA167 | 15A Round Pin Plug - White |
| PA176 | 5A Round Pin Plug - Black |
| PA177 | 15A Round Pin Plug - Black |

### 13A UK Fast Grip Resilient Plug Tops (BS1363 / A)

| | |
|---|---|
| PA301 | 13A Plug Top (13A Fused) Fast Grip - White |
| PA302 | 13A Plug Top (3A Fused) Fast Grip - White |
| PA303 | 13A Plug Top (5A Fused) Fast Grip - White |
| PA310 | 13A Plug Top (13A Fused) Fast Grip - Black |
| PA311 | 13A Plug Top (3A Fused) Fast Grip - Black |
| PA312 | 13A Plug Top (5A Fused) Fast Grip - Black |
| PA340TR | 13A Plug Top (13A Fused) Fast Grip - Transparent |

### 13A UK Bar Grip Resilient Plug Tops (BS1363 / A)

| | |
|---|---|
| PA320 | 13A Plug Top (13A Fused) Bar Grip - White |
| PA321 | 13A Plug Top (3A Fused) Bar Grip - White |
| PA322 | 13A Plug Top (5A Fused) Bar Grip - White |
| PA330 | 13A Plug Top (13A Fused) Bar Grip - Black |
| PA331 | 13A Plug Top (3A Fused) Bar Grip - Black |
| PA332 | 13A Plug Top (5A Fused) Bar Grip - Black |

### Non-Standard Resilient Plug Tops (BS1363 / A)

| | |
|---|---|
| PA380RD | 13A Fused Non-Standard Plug - Red |
| PA380WH | 13A Fused Non-Standard Plug - White |

For use with non-standard Click® Mode® sockets CMA935 and CMA936, see page G18.

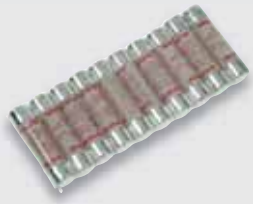
**Standards:** BS 1363 / A BS 1362 **Round Pin:** BS 546 **Cable Size (mm²):** 1.5
**Dimensions (mm):** 49.5 (W) x 21 (D) x 49.5 (H) **165:**32 (W) x 18.5 (D) x 30.5 (H) **175:** 32 (W) x 30.5 (D) x 18.5 (H)
**166 176:** 41 (W) x 19.5 (D) x 45 (H)**167 177:** 52.5 (W) x 23 (D) x 52 (H)



# Plug Top Fuses

FU022

FU023



FU031

FU038

### BS 1362 Approved Plug Top Fuses (Bulk Packed)

| | |
|---|---|
| FU021 | 13A Cartridge Fuse (Bulk Bag of 1000 Pcs) |
| FU022 | 5A Cartridge Fuse (Bulk Bag of 1000 Pcs) |
| FU023 | 3A Cartridge Fuse (Bulk Bag of 1000 Pcs) |

### BS 1362 Approved Plug Top Fuses (Boxed)

| | |
|---|---|
| FU030 | Box of 100 13A Fuses (10 X Sachets of 10) |
| FU031 | Box of 100 3A Fuses (10 X Sachets of 10) |
| FU032 | Box of 100 5A Fuses (10 X Sachets of 10) |

### BS 1362 Approved Plug Top Fuses (Carded)

| | |
|---|---|
| FU035 | Card of 4 X 13A Fuses |
| FU036 | Card of 4 X 3A Fuses |
| FU037 | Card of 4 X 5A Fuses |
| FU038 | Card of 6 X Assorted Fuses (2 X 13A, 2 X 5A & 2 X 3A) |

**Standards:** BS 1362

118R | 118S

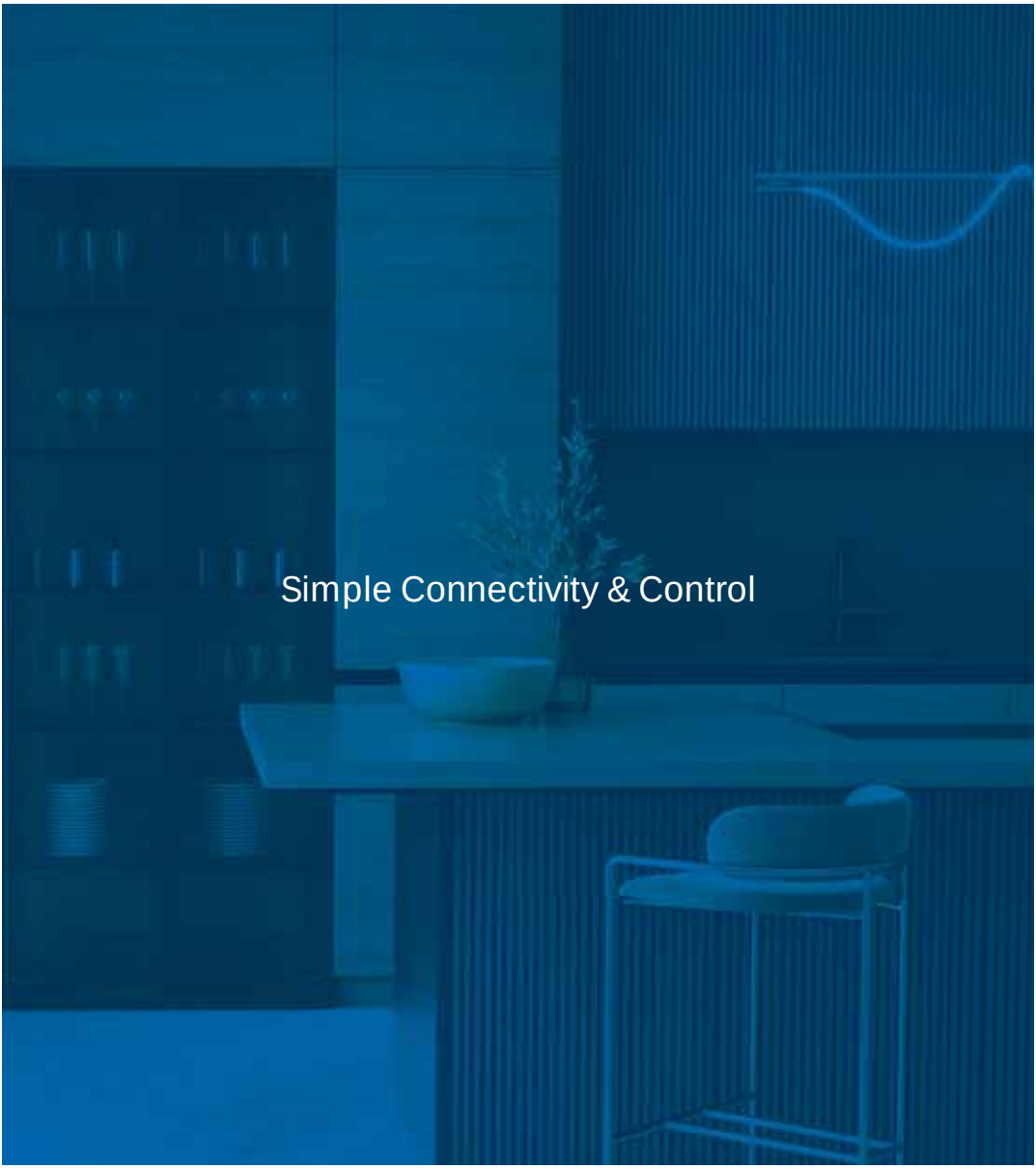
240R | 240S

## Recess Mounting

| | | | |
|---|---|---|---|
| EBB118R | 18 Way Recess Mounted EBB | EBB240R | 40 Way Recess Mounted EBB |
| EBB118S | 18 Way Surface Mounted EBB | EBB240S | 40 Way Surface Mounted EBB |

Also see Supplementary Equipotential Bonding Connection Points on page G16

**Standards:** BS EN 61439-1 HTM06-01 IEC 60364-7-710 BS 7671
**Dimensions (mm): 118R:** 253 (W) x 253 (H) x 5.2 (D) **240R:** 255 (W) x 412 (H) x 5.2 (D)
**118S:**240.4 (W) x 240.5 (H) x 5.2 (D) **240S:**240.4 (W) x 397.4 (H) x 5.2 (D)




flow™

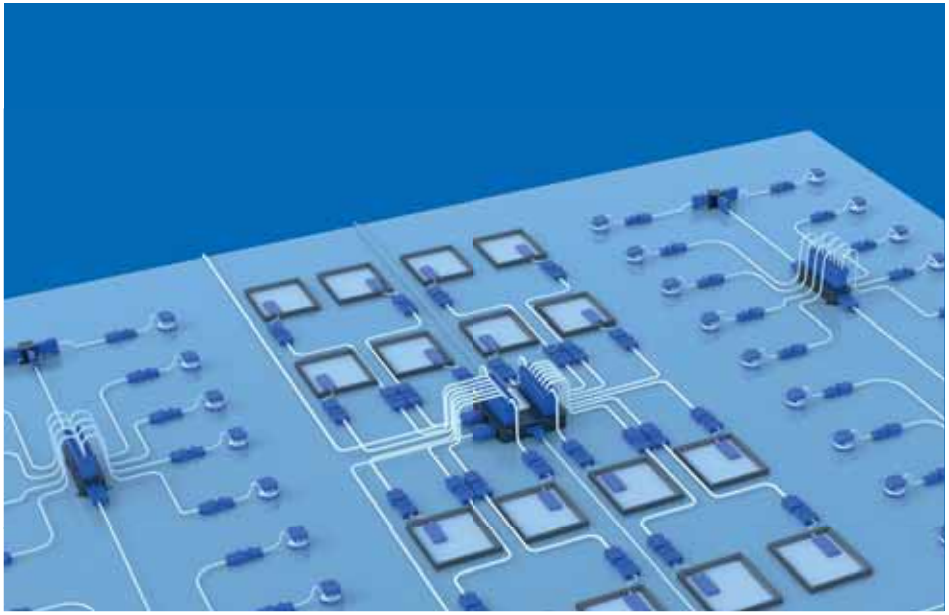
flow™

## Simple Connectivity & Control

With the emphasis now on flexibility and ease of installation many building design projects are now focussing on products and services that can adapt to changing legislation, energy efficiency and the ever changing needs of the client.

The lighting management system is a new range of additional products to the existing Flow™ range and has been designed specifically to help contractors create more complex lighting installations quickly, easily and safely. It features a number of new products that allow the quick connection, configuration and re-configuration of circuits, primarily intended for lighting.

Flexibility is important as requirements can change and the ability to adapt to these changes quickly and economically is seen as an advantage. The development of this range has evolved as a result of demand from our customers.



# Contents


| | |
|---|---|
| Lighting Management Boxes | **O4** |
| Switch Adaptors, Splitters & Hub | **O5** |
| Flow™ Connectors | **O6** |
| Flow™ Extension Cables | **O9** |
| Flow™ Connectors with Link Cables (Pre-Wired) | **O9** |
| Ceiling Rose | **O10** |


20 YR WARRANTY

# 20 Year Warranty

All Flow™ products are covered by our 20 year warranty against any fault in materials or manufacture experienced at any time within 20 years of the date of supply.

CT1008

CT1016

SP1016

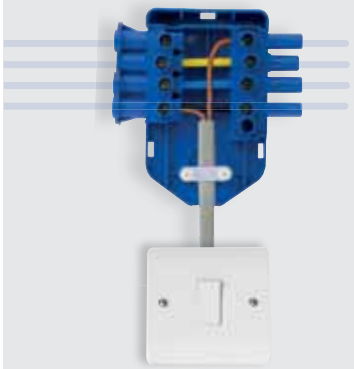
### Lighting Management Boxes

| | |
|---|---|
| CT1016 | 20A 16 Way Lighting Management Box |
| CT1008 | 20A 8 Way Distribution Box |
| SP1016 | Mounting Tray For CT1016 & CT1008 |

**Standards:** BS 8488 BS EN 61535 BS 5733
**Dimensions (mm):** **CT1016:** 264 (W) x 269 (H) x 69 (D) **CT1008:** 52 (W) x 240 (H) x 77.5 (D) **SP1016:** 280 (W) x 220 (H) x 60 (D)







CT2300

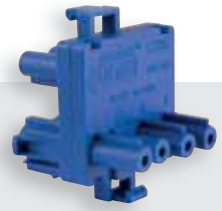
Easily adds a switched live into a Flow™ circuit

### In-line Switch Adaptors

| | |
|---|---|
| CT1300 | 250V 20A 3 Pole Flow™ Switch Adaptor with pre-wired earth and neutral links |
| CT2300 | 250V 20A 4 Pole Flow™ Switch Adaptor with pre-wired earth and neutral links |

CT300

CT350

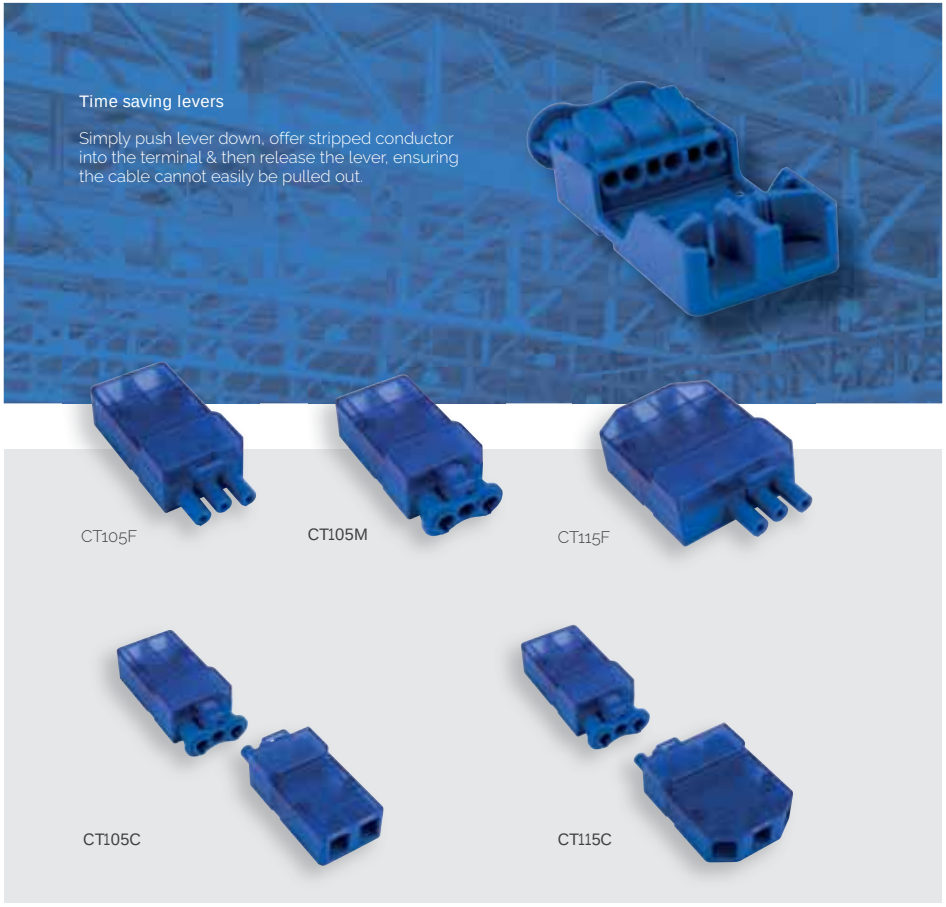


CT355

### 4 Pole Hubs & Splitters

| | |
|---|---|
| CT300 | 250V 20A 4 Pole (1 in 3 Out) Hub Junction Box |
| CT350 | 250V 20A 4 Pole (1 in 2 Out) Splitter |
| CT355 | 250V 20A 4 Pole (1 in 2 Out) Compact Splitter |

**Standards:** BS 8488 BS EN 61535 BS 5733
**Dimensions (mm):** **1300:** 78 (W) x 85 (D) x 25 (H) **2300:** 89 (W) x 85 (D) x 24 (H) **300:** 82 (W) x 82 (D) x 55 (H)
**350:** 84.5 (W) x 70 (D) x 25 (H) **355:** 52 (W) x 47 (D) x 40 (H)




3 Pole Flow™ Push Fit Connectors

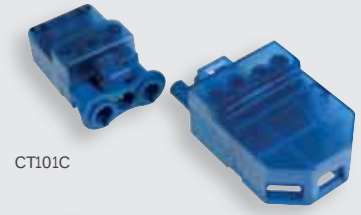
| | |
|---|---|
| CT105C | 250V 20A 3 Pole Complete Push Fit Connector (CT105M & CT105F) |
| CT105F | 250V 20A 3 Pole Female Push Fit Connector |
| CT105M | 250V 20A 3 Pole Male Push Fit Connector |
| CT115C | 250V 20A 3 Pole Complete Push Fit Connector With Loop (CT105M & CT115F) |
| CT115F | 250V 20A 3 Pole Female Push Fit Connector With Loop |

**Standards:** BS EN 61535
**Cable Size (mm²):** 2.5 (Max.)
**Dimensions (mm): 105C:** 142 x 36 x 24 **105M:** 79 (W) x 36 (D) x 24 (H) **105F:** 79 (W) x 36 (D) x 23 (H)
**115C:** 142 x 51 x 24 **115F:** 79 (W) x 51 (D) x 23 (H)

4 Pole Flow™ Push Fit Connectors

| | |
|---|---|
| CT205C | 250V 20A 4 Pole Complete Push Fit Connector (CT205M & CT205F) |
| CT205F | 250V 20A 4 Pole Female Push Fit Connector |
| CT205M | 250V 20A 4 Pole Male Push Fit Connector |
| CT215C | 250V 20A 4 Pole Complete Push Fit Connector With Loop (CT205M & CT215F) |
| CT215F | 250V 20A 4 Pole Female Push Fit Connector With Loop |

**Standards:** BS EN 61535
**Cable Size (mm²):** 2.5 (Max.)
**Dimensions (mm): 205C:** 142 x 47 x 24 **205M:** 79 (W) x 47 (D) x 24 (H) **205F:** 79 (W) x 47 (D) x 23 (H)
**215C:** 142 x 62 x 24 **215F:** 79 (W) x 62 (D) x 23 (H)

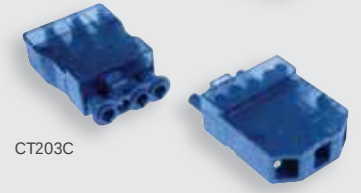


CT101C

CT102C

CT103C

CT202C



CT203C

### 3 Pole Flow™ Connectors

| | |
|---|---|
| CT101C | 250V 20A 3 Pole Flow™ Connector |
| CT102C | 250V 20A 3 Pole Flow™ Connector Screw-Down Cord Grip |
| CT103C | 250V 20A 3 Pole Flow™ Connector Fast-Fit Cord Grip |

CT103M

| | |
|---|---|
| CT103M | 250V 20A 3 Pole Flow™ Fast-Fit Cord Grip (Male Connector Only) |

### 4 Pole Flow™ Connectors

| | |
|---|---|
| CT202C | 250V 20A 4 Pole Flow™ Connector Screw-Down Cord Grip |
| CT203C | 250V 20A 4 Pole Flow™ Connector Fast-Fit Cord Grip |

CT203M

| | |
|---|---|
| CT203M | 250V 20A 4 Pole Flow™ Fast-Fit Cord Grip (Male Connector Only) |

**Standards:** BS EN 61535 BS 5733 **101C:** BS 5733
**Cable Size (mm²): Solid:** 3 x 2.5 **Flex:** 3 x 1.5
**Dimensions (mm): 101C:** 105 x 40 x 23 **102C:** 105 x 50 x 23 **103C:** 135 x 50 x 25 **103M:** 73 (W) x 50 (D) x 25 (H)
**202C:** 105 x 50 x 23 **203C:** 135 x 49 x 23 **203M:** 73 (W) x 50 (D) x 25 (H)

CT802

CT803

CT805

CT845

Low Smoke Zero Halogen

### Flow™ Pre-Wired LSZH Cables

| | |
|---|---|
| CT732 | 6A 3 Pole 0.75mm LSZH To FE 2m |
| CT733 | 6A 3 Pole 0.75mm LSZH To FE 3m |
| CT735 | 6A 3 Pole 0.75mm LSZH To FE 5m |
| CT742 | 6A 4 Pole 0.75mm LSZH To FE 2m |
| CT743 | 6A 4 Pole 0.75mm LSZH To FE 3m |
| CT745 | 6A 4 Pole 0.75mm LSZH To FE 5m |

### Flow™ Extension PVC Cables

| | |
|---|---|
| CT802 | 6A 4 Pole Flow™ Extension Cable - 2 Metre |
| CT803 | 6A 4 Pole Flow™ Extension Cable - 3 Metre |
| CT805 | 6A 4 Pole Flow™ Extension Cable - 5 Metre |

### Flow™ Extension LSZH Cables

| | |
|---|---|
| CT845 | 20A 4 Pole 2.5mm Male To Female LSZH 5m |

**Standards:** BS EN 61535 BS 5733 BS EN 50525-3-11
**Cable Size (mm²):** 4 x 0.75 **CT845:** 4 x 2.5
**Dimensions (mm):** Will pass through a 55mm hole

CT1400

CT1401

PRC1440

PRC1440RD

### Flow™ Ceiling Rose & Cover

| | |
|---|---|
| CT1400 | 250V 20A 4 Pole Flow™ Ceiling Rose (Without Cover) |
| CT1401 | CT1400 Ceiling Rose Cover<br>(When rose cover fitted, not suitable for use with CT103, CT203 or Push Fit Connectors) |

### Quick Connect Ceiling Roses

| | |
|---|---|
| PRC1440 | 6A 4 Pin Quick-Connect Ceiling Rose, Plug & Cover |
| PRC1440RD | 6A 4 Pin Quick-Connect Ceiling Rose, Plug & Cover - Red |

**Standards: 1400:** BS 8488 BS EN 61535 BS 5733 **1401:** BS 5733 **1440:** BS 6972 BS 5733
**Cable Size (mm²): 1400: Solid:** 3 x 2.5 **Flex:** 3 x 1.5 **1440:** 2 x 1.5
**Dimensions (mm): CT1400:** 85 (Dia) x 35 **CT1401:** 85 (Dia) x 65 **1440:** 70 (Dia) x 43 (D)

# Index

Wiring Accessories Index

# SEARCH BY PRODUCT CODE

**B**

BA037PW H13
BA038PW H13

**C**

CCA010 M5
CCA011 M5
CCA012 M5
CCA013 M5
CCA017 M12
CCA019 M5
CCA020 M10
CCA021 M10
CCA022 M10
CCA023 M10
CCA024 M10
CCA025 M5
CCA027 M5
CCA038 M8
CCA039 M8
CCA040 M10
CCA042 M10
CCA050 M9
CCA051 M9
CCA052 M9
CCA053 M9
CCA060 M12
CCA061 M12
CCA065 M15
CCA066 M15
CCA080 M16
CCA081 M16
CCA082 M16
CCA083 M16
CCA084 M16
CCA085 M16
CCA086 M16
CCA100 M12
CCA105 M5
CCA115 M14
CCA119 M14
CCA122 M14
CCA124 M14
CCA127 M14
CCA141 M6
CCA142 M6
CCA143 M6
CCA144 M6
CCA156 M15
CCA157 M15
CCA158 M15
CCA159 M15
CCA170 M15
CCA200 M11
CCA201 M11
CCA202 M11
CCA203 M11
CCA204 M11
CCA205 M11
CCA605 M8
CCA606 M8
CCA771 M8
CCA780 M8
CL010 N20
CL011 N20
CL011B N20
CL012 N20
CL012B N20
CL013 N20
CL019 N20
CL022 N29
CL023 N29
CL025 N20
CL030 N24,N26
CL032 N24,N26
CL035 N24,N26
CL035B N24,N26
CL036 N24,N26
CL036B N24,N26
CL049 N27
CL050 N27
CL051 N27
CL051B N27
CL052 N27
CL053 N27
CL060 N30,N32
CL061 N30,N32
CL083 N30,N32
CL084 N30,N32
CL085 N30,N32
CL086 N30,N32
CL087 N30,N32
CL088 N30,N32
CL089 N30,N32
CL089B N30,N32
CL090 N30,N32
CL090B N30,N32
CL1035 N23
CL1035B N23
CL1036 N23
CL1036B N23
CL105 N20
CL120 N31
CL1252 N27
CL158 N31
CL1835 N23
CL1835B N23
CL1836 N24
CL1836B N24
CL1840 N23
CL1840B N23
CL200 N28
CL201 N28
CL202 N28
CL203 N28
CL20401 J140
CL20401B J140
CL20402 J140
CL20402B J140
CL20403 J140
CL20403B J140
CL20404 J140
CL20404B J140
CL20506 J141
CL20506B J141
CL20508 J141
CL20508B J141
CL20509 J142
CL20509B J142
CL20512 J142
CL20512B J142
CL20518 J143
CL20518B J143
CL20524 J144
CL20524B J144
CL311 L14,N31
CL31102 J140
CL31102B J140
CL312 L14,N31
CL401 K15,N21
CL402 K15,N21
CL403 K15,N21
CL404 K15,N21
CL406 K15,N21
CL426 K15,N21
CL512 K5,N22
CL518 K6,N22
CL660 N26
CL660B N26
CL675 N26
CL675B N26
CL770 N25
CL771U N25
CL780 N25
CL785 N25
CL786 N25
CL835 N24,N26
CL840 N24,N26
CLRCDP036 N29
CMA010 G5-G6
CMA011 G5-G6
CMA011AG I7
CMA012 G5-G6
CMA012AG I7
CMA013 G5-G6
CMA013AG I7
CMA017 G29
CMA019 G5-G6
CMA020 G24
CMA021 G24
CMA022 G22-G23
CMA023 G22-G23
CMA023AG I15
CMA024 G24
CMA025 G5-G6
CMA026 G5-G6
CMA027 G5-G6
CMA028 G5-G6
CMA030 G14-G15
CMA030AG I12
CMA032 G14-G15
CMA032AG I12
CMA034 G18
CMA035 G14
CMA035AG I12
CMA035PWRD G14
CMA036 G14
CMA037 G14
CMA038 G18
CMA039 G18
CMA040 G22-G23
CMA042 G22-G23
CMA044 G22-G23
CMA046 G22-G23
CMA049 G20-G21
CMA050 G20-G21
CMA051 G20-G21
CMA052 G20-G21
CMA052AG I15
CMA053 G20-G21
CMA060 G29
CMA061 G29
CMA065 G33
CMA066 G33
CMA080 G35
CMA081 G35
CMA082 G35
CMA083 G35
CMA084 G35
CMA085 G35
CMA086 G35
CMA089 G35
CMA091 G35
CMA092 G35
CMA095 B32,G37,I21
CMA096 B32,G37,I21
CMA100 G29
CMA100AG I13
CMA1035 G15
CMA1035AG I12
CMA1036 G15
CMA1037 G15
CMA105 G5-G6
CMA110 G5-G6
CMA115 G32
CMA119 G32
CMA122 G32
CMA124 G32
CMA127 G32
CMA131 G32
CMA132 G32
CMA145PL G11
CMA146PL G11
CMA147PL G11
CMA148PL G11
CMA156 G33
CMA157 G33
CMA158 G33
CMA159 G33
CMA161 G10
CMA162 G10
CMA163 G10
CMA1635 G15
CMA164 G10
CMA170 G33
CMA171 G6
CMA172 G6
CMA175 G35
CMA176 G35
CMA1835 G14
CMA1835AG I12
CMA1836 G15
CMA1836AG I12
CMA1840 G15
CMA1840AG I12
CMA200 G25
CMA201 G25
CMA202 G25
CMA2023 G22-G23
CMA2024 G24
CMA203 G25
CMA204 G25
CMA20401 J122
CMA20401AG J128
CMA20402 J122
CMA20402AG J128
CMA20403 J122
CMA20403AG J128
CMA20404 J122
CMA20404AG J128
CMA2042 G22-G23
CMA2046 G22-G23
CMA205 G25
CMA20506 J123
CMA20508 J123
CMA20509 J124
CMA2051 G21
CMA20512 J124
CMA20518 J125
CMA2052 G21
CMA20524 J126
CMA2053 G20-G21
CMA213 G28
CMA215 G29,N44
CMA2201 G27
CMA2203 G27
CMA2205 G27
CMA230 G35
CMA235 G35
CMA240 G35
CMA245 G35
CMA2501 G27
CMA2503 G27
CMA2505 G26-G27
CMA2623 G22-G23
CMA2651 G21
CMA2652 G21
CMA2653 G20-G21
CMA2675 G18
CMA30035 B27
CMA30036 B27
CMA3020 G24
CMA30651 B31
CMA310 G34,L13
CMA310AG I17,L13
CMA311 G34,L13
CMA31102 J122
CMA311AG I17,L13
CMA312 G34,L13
CMA312AG I17,L13
CMA401 G7,K13
CMA401AG I8,K13
CMA402 G7,K13
CMA402AG I8,K13
CMA403 G7,K13
CMA403AG I8,K13
CMA404 G7,K13
CMA404AG I8,K13
CMA406 G7,K13
CMA426 G7,K13
CMA426AG I8,K13
CMA432 G7,K13
CMA500 G26
CMA500AG I15
CMA501 G26
CMA501AG I15
CMA502 G26
CMA503 G26
CMA503AG I15
CMA504 G26-G27
CMA504AG I15
CMA505 G26-G27
CMA603 D30,L7
CMA606 D30,L7
CMA608 L5
CMA612 G8,K5
CMA616 L6
CMA618 G8,K6
CMA620 G24
CMA622 G22
CMA623 G22-G23
CMA630 G14-G15
CMA630BL G17
CMA632BL G17
CMA635 G14
CMA635BL G17
CMA637BL G17
CMA649 G20-G21
CMA650 G20-G21
CMA650AG I15
CMA651 G20-G21
CMA651AG I15
CMA652 G20-G21
CMA652AG I15
CMA653 G20-G21
CMA653AG I15
CMA660 G22
CMA675 G18
CMA735 G19
CMA735AG I13
CMA736 G19
CMA736AG I13
CMA770 G19
CMA770AG I14
CMA771U G19
CMA771UAG I14


Wiring Accessories Index

Wiring Accessories Index






CMA780 G19
CMA780AG I14
CMA785 G19
CMA785AG I14
CMA786 G19
CMA786AG I14
CMA811 G5
CMA811AG I7
CMA812 G5
CMA812AG I7
CMA813 G5
CMA813AG I7
CMA825 G5
CMA825AG I7
CMA828 G5
CMA828AG I7
CMA835AG I12
CMA836 G14
CMA836AG I12
CMA836PWGR G16
CMA836PWRD G16
CMA840 G14
CMA840AG I12
CMA9014 G5
CMA935 G18
CMA936 G18
CMAECP1 G16
CMAECP2 G16
CMARCDP036 G15
CSK001 B34
CSK002 B29
CSK003 B29
CSP010 B11
CSP020 B17
CSP031 B18-B20
CSP032 B18-B20
CSP033 B18-B20
CSP041 B21-B22
CSP042 B21-B22
CSP043 B21-B22
CSP051 B21-B22
CSP052 B21-B22
CSP060 B34
CSP071 B13
CSPGM2075BK B16
CSPGM2075PW B16
CT1008 O4
CT1016 O4
CT101C O8
CT102C O8
CT103C O8
CT103M O8
CT105C O6
CT105F O6
CT105M O6
CT115C O6
CT115F O6
CT1300 O5
CT1400 O10
CT1401 O10
CT202C O8
CT203C O8
CT203M O8
CT205C O7
CT205F O7
CT205M O7
CT215C O7
CT215F O7
CT2300 O5
CT300 O5
CT350 O5
CT355 O5
CT732 O9
CT733 O9
CT735 O9
CT742 O9
CT743 O9
CT745 O9
CT802 O9
CT803 O9
CT805 O9
CT845 O9
CU1AFDD10B A36
CU1AFDD10C A36
CU1AFDD16B A36
CU1AFDD16C A36
CU1AFDD20B A36
CU1AFDD20C A36
CU1AFDD32B A36
CU1AFDD32C A36
CU1AFDD40B A36
CU1AFDD40C A36
CU1AFDD6B A36
CU1AFDD6C A36
CU1BLANK A39
CU1MCB10B A31
CU1MCB10C A31
CU1MCB16B A31
CU1MCB16C A31
CU1MCB20B A31
CU1MCB20C A31
CU1MCB25B A31
CU1MCB25C A31
CU1MCB32B A31
CU1MCB32C A31
CU1MCB40B A31
CU1MCB40C A31
CU1MCB50B A31
CU1MCB50C A31
CU1MCB63B A31
CU1MCB63C A31
CU1MCB6B A31
CU1MCB6C A31
CU1RCBO10B A32
CU1RCBO10C A32
CU1RCBO16B A32
CU1RCBO16C A32
CU1RCBO20B A32
CU1RCBO20C A32
CU1RCBO25B A32
CU1RCBO25C A32
CU1RCBO32B A32
CU1RCBO32C A32
CU1RCBO40B A32
CU1RCBO40C A32
CU1RCBO6B A32
CU1RCBO6C A32
CU1SPD275T A35
CU1SPDC275 A44
CU2EMID A39
CU2MS100 A38
CU2RCBO45B A33
CU2RCBO45C A33
CU2RCBO50B A33
CU2RCBO50C A33
CU2RCBO63B A33
CU2RCBO63C A33
CU2RCD100A A34
CU2RCD63A A34
CU2RCD80A A34
CU2RCDTD100A A34
CU2RCDTD63A A34
CU2RCDTD80A A34
CU2SPDC275 A44
CUBUS12 A43
CUBUS20 A43
CUBUS3 A43
CUBUS4 A43
CUBUS5 A43
CUBUS6 A43
CUBUS7 A43
CUBUS8 A43
CUCAP A43
CUCEPL A44
CUCEPS A44
CUCLAMP A45
CUCLL A44
CUCNL210 A44
CUCNL285 A44
CUCNL325 A44
CUDR10 A43
CUDR12 A43
CUDR14 A43
CUDR16 A43
CUDR18 A43
CUDR22 A43
CUEB10 A20,A50,A52-A54,A57-A58,A60
CUEB10MS8 A22,A50,A52-A54,A57-A58,A60
CUEB10MSSP7 A23,A52-A54,A57-A58,A60
CUEB12 A20,A50,A52-A54,A57-A58,A60
CUEB12MS10 A22,A50,A52-A54,A57-A58,A60
CUEB12MSSP9 A23,A52-A54,A57-A58,A60
CUEB14 A20,A50,A52-A54,A57-A58,A60
CUEB14MS12 A22,A50,A52-A54,A57-A58,A60
CUEB14MSRCD8 A24,A54,A57-A58,A60
CUEB14MSRCDSP6 A25,A54,A57-A58,A60
CUEB14MSSP11 A23,A52-A54,A57-A58,A60
CUEB16 A20,A50,A52-A54,A57-A58,A60
CUEB16MS14 A22,A50,A52-A54,A57-A58,A60
CUEB16MSRCD10 A24,A54,A57-A58,A60
CUEB16MSRCDSP8 A25,A54,A57-A58,A60
CUEB16MSSP13 A23,A52-A54,A57-A58,A60
CUEB18 A20,A50,A52-A54,A57-A58,A60
CUEB18FL A45
CUEB18MS16 A22,A50,A52-A54,A57-A58,A60
CUEB18MSRCD12 A24,A54,A57-A58,A60
CUEB18MSRCDSP10 A25,A54,A57-A58,A60
CUEB18MSSP15 A23,A52-A54,A57-A58,A60
CUEB22 A20,A50,A52-A54,A57-A58,A60
CUEB22MS20 A22,A50,A52-A54,A57-A58,A60
CUEB22MSRCD16 A24,A54,A57-A58,A60
CUEB22MSRCDSP14 A25,A54,A57-A58,A60
CUEB22MSSP19 A23,A52-A54,A57-A58,A60
CUEB6 A20,A50,A52-A54,A57-A58,A60
CUEB8 A20,A50,A52-A54,A57-A58,A60
CUEB8MS6 A22,A50,A52-A54,A57-A58,A60
CUEBPM A44
CUEBRF16 A43
CUEBRF18 A43
CUEBRF22 A43
CUEHIB14MSRCD8 A26,A54,A57-A58,A60
CUEHIB14MSRCDSP6 A27,A54,A57-A58,A60
CUEHIB16MSRCD10 A26,A54,A57-A58,A60
CUEHIB16MSRCDSP8 A27,A54,A57-A58,A60
CUEHIB18MSRCD12 A26,A54,A57-A58,A60
CUEHIB18MSRCDSP10 A27,A54,A57-A58,A60
CUEHIB22MSRCD16 A26,A54,A57-A58,A60
CUEHIB22MSRCDSP14 A27,A54,A57-A58,A60
CUELOCK A44
CUGS1 A45
CULAB1 A45
CUPLATE A45
CUTB10 A42
CUTB12 A42
CUTB15 A42
CUTB16 A42
CUTB17 A42
CUTB18 A42
CUTB19 A42
CUTB20 A42
CUTB22 A42
CUTB23 A42
CUTB26 A42
CUTB4 A42
CUTB6 A42
CUTB7 A42
CUTB8 A42
CUTB9 A42
CUTBSC A42
CUTBSCSL A42
CV210CH G28,H20,N37-N38
CV210SC G28,H20,N37-N38

**D**

DB700 A40,N45
DB701 A40,N45
DB750 A40,N45
DB751 A40,N45
DB790 A41,N45
DB981 A41,N45
DP095BK B32,C34
DP095GY B32,C34
DP095WH B32,C34
DP096BK B32,C34
DP096GY B32,C34
DP096WH B32,C34
DPAB024BK C24
DPAB038BK C22
DPAB039BK C22
DPAB060 C24
DPAB061 C24
DPAB065BK C31
DPAB066BK C31
DPAB100BK C24
DPAB115BK C30
DPAB120BK C30
DPAB121BK C30
DPAB125BK C30
DPAB126BK C30
DPAB140PL C15
DPAB152PL C15
DPAB1535BK C22
DPAB1536BK C22
DPAB153PL C15
DPAB154PL C15
DPAB156BK C31
DPAB157BK C31
DPAB158BK C31
DPAB159BK C31
DPAB161 C14
DPAB162 C14
DPAB163 C14
DPAB164 C14
DPAB170BK C31
DPAB1836BK C22
DPAB185 C15
DPAB186 C15
DPAB20401 J87
DPAB20402 J87
DPAB20403 J88
DPAB20404 J88
DPAB20506 J90
DPAB20508 J90
DPAB20509 J91
DPAB20512 J91
DPAB20518 J92
DPAB20524 J93
DPAB30535BK B24
DPAB30536BK B24
DPAB310 C33,L9
DPAB311 C33,L9
DPAB31102 J89
DPAB312 C33,L9
DPAB401BK C11,K9
DPAB402BK C11,K9
DPAB403BK C11,K9
DPAB404BK C11,K9
DPAB406BK C11,K9
DPAB411BK C10
DPAB412BK C10
DPAB413BK C10
DPAB414BK C10
DPAB416BK C10
DPAB421 C13
DPAB422 C13
DPAB423 C13
DPAB424 C13
DPAB425BK C10
DPAB426BK C11,K9
DPAB471BK C11,K9
DPAB472BK C11,K9
DPAB500BK C27
DPAB501BK C27
DPAB502BK C27
DPAB503BK C27
DPAB504BK C27
DPAB505BK C27
DPAB512 C18,K8
DPAB518 C18,K8
DPAB520BK C26
DPAB522BK C26
DPAB523BK C26
DPAB535BK C22
DPAB536BK C22
DPAB550BK C25
DPAB551BK C25
DPAB552BK C25
DPAB553BK C25
DPAB570BK C23
DPAB571UBK C23
DPAB580BK C23
DPAB585BK C23
DPAB586BK C23
DPAB655BK C28
DPAB660 C28
DPAB722BK C26
DPAB723BK C26
DPAB750BK C25
DPAB751BK C25
DPAB752BK C25
DPAB753BK C25
DPAB836BK C22
DPBN024BK C24
DPBN038BK C22
DPBN039BK C22
DPBN060 C24
DPBN061 C24
DPBN065BK C31
DPBN066BK C31
DPBN100BK C24
DPBN115BK C30
DPBN120BK C30
DPBN121BK C30
DPBN125BK C30
DPBN126BK C30
DPBN140PL C15
DPBN152PL C15
DPBN1535BK C22
DPBN1536BK C22
DPBN153PL C15
DPBN154PL C15
DPBN156BK C31
DPBN157BK C31
DPBN158BK C31
DPBN159BK C31
DPBN161 C14

| | |
|---|---|
| DPBN162 | C14 |
| DPBN163 | C14 |
| DPBN164 | C14 |
| DPBN170BK | C31 |
| DPBN1836BK | C22 |
| DPBN185 | C15 |
| DPBN186 | C15 |
| DPBN20401 | J87 |
| DPBN20402 | J87 |
| DPBN20403 | J88 |
| DPBN20404 | J88 |
| DPBN20506 | J90 |
| DPBN20508 | J90 |
| DPBN20509 | J91 |
| DPBN20512 | J91 |
| DPBN20518 | J92 |
| DPBN20524 | J93 |
| DPBN30535BK | B24 |
| DPBN30536BK | B24 |
| DPBN310 | C33,L9 |
| DPBN311 | C33,L9 |
| DPBN31102 | J89 |
| DPBN312 | C33,L9 |
| DPBN401BK | C11,K9 |
| DPBN402BK | C11,K9 |
| DPBN403BK | C11,K9 |
| DPBN404BK | C11,K9 |
| DPBN406BK | C11,K9 |
| DPBN411BK | C10 |
| DPBN412BK | C10 |
| DPBN413BK | C10 |
| DPBN414BK | C10 |
| DPBN416BK | C10 |
| DPBN421 | C13 |
| DPBN422 | C13 |
| DPBN423 | C13 |
| DPBN424 | C13 |
| DPBN425BK | C10 |
| DPBN426BK | C11,K9 |
| DPBN471BK | C11,K9 |
| DPBN472BK | C11,K9 |
| DPBN500BK | C27 |
| DPBN501BK | C27 |
| DPBN502BK | C27 |
| DPBN503BK | C27 |
| DPBN504BK | C27 |
| DPBN505BK | C27 |
| DPBN512 | C18,K8 |
| DPBN518 | C18,K8 |
| DPBN520BK | C26 |
| DPBN522BK | C26 |
| DPBN523BK | C26 |
| DPBN535BK | C22 |
| DPBN536BK | C22 |
| DPBN550BK | C25 |
| DPBN551BK | C25 |
| DPBN552BK | C25 |
| DPBN553BK | C25 |
| DPBN570BK | C23 |
| DPBN571UBK | C23 |
| DPBN580BK | C23 |
| DPBN585BK | C23 |
| DPBN586BK | C23 |
| DPBN655BK | C28 |
| DPBN660 | C28 |
| DPBN722BK | C26 |
| DPBN723BK | C26 |
| DPBN750BK | C25 |
| DPBN751BK | C25 |
| DPBN752BK | C25 |
| DPBN753BK | C25 |
| DPBN836BK | C22 |
| DPBR024BK | C24 |
| DPBR024WH | C24 |
| DPBR038BK | C22 |
| DPBR038WH | C22 |
| DPBR039BK | C22 |
| DPBR039WH | C22 |
| DPBR060 | C24 |
| DPBR061 | C24 |
| DPBR065BK | C31 |
| DPBR065WH | C31 |
| DPBR066BK | C31 |
| DPBR066WH | C31 |
| DPBR100BK | C24 |
| DPBR100WH | C24 |
| DPBR115BK | C30 |
| DPBR115WH | C30 |
| DPBR120BK | C30 |
| DPBR120WH | C30 |
| DPBR121BK | C30 |
| DPBR121WH | C30 |
| DPBR125BK | C30 |
| DPBR125WH | C30 |
| DPBR126BK | C30 |
| DPBR126WH | C30 |
| DPBR140PL | C15 |
| DPBR152PL | C15 |
| DPBR1535BK | C22 |
| DPBR1535WH | C22 |
| DPBR1536BK | C22 |
| DPBR1536WH | C22 |
| DPBR153PL | C15 |
| DPBR154PL | C15 |
| DPBR156BK | C31 |
| DPBR156WH | C31 |
| DPBR157BK | C31 |
| DPBR157WH | C31 |
| DPBR158BK | C31 |
| DPBR158WH | C31 |
| DPBR159BK | C31 |
| DPBR159WH | C31 |
| DPBR161 | C14 |
| DPBR162 | C14 |
| DPBR163 | C14 |
| DPBR164 | C14 |
| DPBR170BK | C31 |
| DPBR170WH | C31 |
| DPBR1836BK | C22 |
| DPBR1836WH | C22 |
| DPBR185 | C15 |
| DPBR186 | C15 |
| DPBR20401 | J87 |
| DPBR20402 | J87 |
| DPBR20403 | J88 |
| DPBR20404 | J88 |
| DPBR20506 | J90 |
| DPBR20508 | J90 |
| DPBR20509 | J91 |
| DPBR20512 | J91 |
| DPBR20518 | J92 |
| DPBR20524 | J93 |
| DPBR30535BK | B24 |
| DPBR30535WH | B24 |
| DPBR30536BK | B24 |
| DPBR30536WH | B24 |
| DPBR310 | C33,L9 |
| DPBR311 | C33,L9 |
| DPBR31102 | J89 |
| DPBR312 | C33,L9 |
| DPBR401BK | C11,K9 |
| DPBR401WH | C11,K9 |
| DPBR402BK | C11,K9 |
| DPBR402WH | C11,K9 |
| DPBR403BK | C11,K9 |
| DPBR403WH | C11,K9 |
| DPBR404BK | C11,K9 |
| DPBR404WH | C11,K9 |
| DPBR406BK | C11,K9 |
| DPBR406WH | C11,K9 |
| DPBR411BK | C10 |
| DPBR411WH | C10 |
| DPBR412BK | C10 |
| DPBR412WH | C10 |
| DPBR413BK | C10 |
| DPBR413WH | C10 |
| DPBR414BK | C10 |
| DPBR414WH | C10 |
| DPBR416BK | C10 |
| DPBR416WH | C10 |
| DPBR421 | C13 |
| DPBR422 | C13 |
| DPBR423 | C13 |
| DPBR424 | C13 |
| DPBR425BK | C10 |
| DPBR425WH | C10 |
| DPBR426BK | C11,K9 |
| DPBR426WH | C11,K9 |
| DPBR471BK | C11,K9 |
| DPBR471WH | C11,K9 |
| DPBR472BK | C11,K9 |
| DPBR472WH | C11,K9 |
| DPBR500BK | C27 |
| DPBR500WH | C27 |
| DPBR501BK | C27 |
| DPBR501WH | C27 |
| DPBR502BK | C27 |
| DPBR502WH | C27 |
| DPBR503BK | C27 |
| DPBR503WH | C27 |
| DPBR504BK | C27 |
| DPBR504WH | C27 |
| DPBR505BK | C27 |
| DPBR505WH | C27 |
| DPBR512 | C18,K8 |
| DPBR518 | C18,K8 |
| DPBR520BK | C26 |
| DPBR520WH | C26 |
| DPBR522BK | C26 |
| DPBR522WH | C26 |
| DPBR523BK | C26 |
| DPBR523WH | C26 |
| DPBR535BK | C22 |
| DPBR535WH | C22 |
| DPBR536BK | C22 |
| DPBR536WH | C22 |
| DPBR550BK | C25 |
| DPBR550WH | C25 |
| DPBR551BK | C25 |
| DPBR551WH | C25 |
| DPBR552BK | C25 |
| DPBR552WH | C25 |
| DPBR553BK | C25 |
| DPBR553WH | C25 |
| DPBR570BK | C23 |
| DPBR570WH | C23 |
| DPBR571UBK | C23 |
| DPBR571UWH | C23 |
| DPBR580BK | C23 |
| DPBR580WH | C23 |
| DPBR585BK | C23 |
| DPBR585WH | C23 |
| DPBR586BK | C23 |
| DPBR586WH | C23 |
| DPBR655BK | C28 |
| DPBR655WH | C28 |
| DPBR660 | C28 |
| DPBR722BK | C26 |
| DPBR722WH | C26 |
| DPBR723BK | C26 |
| DPBR723WH | C26 |
| DPBR750BK | C25 |
| DPBR750WH | C25 |
| DPBR751BK | C25 |
| DPBR751WH | C25 |
| DPBR752BK | C25 |
| DPBR752WH | C25 |
| DPBR753BK | C25 |
| DPBR753WH | C25 |
| DPBR836BK | C22 |
| DPBR836WH | C22 |
| DPCH024BK | C24 |
| DPCH024WH | C24 |
| DPCH038BK | C22 |
| DPCH038WH | C22 |
| DPCH039BK | C22 |
| DPCH039WH | C22 |
| DPCH060 | C24 |
| DPCH061 | C24 |
| DPCH065BK | C31 |
| DPCH065WH | C31 |
| DPCH066BK | C31 |
| DPCH066WH | C31 |
| DPCH100BK | C24 |
| DPCH100WH | C24 |
| DPCH115BK | C30 |
| DPCH115WH | C30 |
| DPCH120BK | C30 |
| DPCH120WH | C30 |
| DPCH121BK | C30 |
| DPCH121WH | C30 |
| DPCH125BK | C30 |
| DPCH125WH | C30 |
| DPCH126BK | C30 |
| DPCH126WH | C30 |
| DPCH140PL | C15 |
| DPCH152PL | C15 |
| DPCH1535BK | C22 |
| DPCH1535WH | C22 |
| DPCH1536BK | C22 |
| DPCH1536WH | C22 |
| DPCH153PL | C15 |
| DPCH154PL | C15 |
| DPCH156BK | C31 |
| DPCH156WH | C31 |
| DPCH157BK | C31 |
| DPCH157WH | C31 |
| DPCH158BK | C31 |
| DPCH158WH | C31 |
| DPCH159BK | C31 |
| DPCH159WH | C31 |
| DPCH161 | C14 |
| DPCH162 | C14 |
| DPCH163 | C14 |
| DPCH164 | C14 |
| DPCH170BK | C31 |
| DPCH170WH | C31 |
| DPCH1836BK | C22 |
| DPCH1836WH | C22 |
| DPCH185 | C15 |
| DPCH186 | C15 |
| DPCH20401 | J87 |
| DPCH20402 | J87 |
| DPCH20403 | J88 |
| DPCH20404 | J88 |
| DPCH20506 | J90 |
| DPCH20508 | J90 |
| DPCH20509 | J91 |
| DPCH20512 | J91 |
| DPCH20518 | J92 |
| DPCH20524 | J93 |
| DPCH30535BK | B24 |
| DPCH30535WH | B24 |
| DPCH30536BK | B24 |
| DPCH30536WH | B24 |
| DPCH310 | C33,L9 |
| DPCH311 | C33,L9 |
| DPCH31102 | J89 |
| DPCH312 | C33,L9 |
| DPCH401BK | C11,K9 |
| DPCH401WH | C11,K9 |
| DPCH402BK | C11,K9 |
| DPCH402WH | C11,K9 |
| DPCH403BK | C11,K9 |
| DPCH403WH | C11,K9 |
| DPCH404BK | C11,K9 |
| DPCH404WH | C11,K9 |
| DPCH406BK | C11,K9 |
| DPCH406WH | C11,K9 |
| DPCH411BK | C10 |
| DPCH411WH | C10 |
| DPCH412BK | C10 |
| DPCH412WH | C10 |
| DPCH413BK | C10 |
| DPCH413WH | C10 |
| DPCH414BK | C10 |
| DPCH414WH | C10 |
| DPCH416BK | C10 |
| DPCH416WH | C10 |
| DPCH421 | C13 |
| DPCH422 | C13 |
| DPCH423 | C13 |
| DPCH424 | C13 |
| DPCH425BK | C10 |
| DPCH425WH | C10 |
| DPCH426BK | C11,K9 |
| DPCH426WH | C11,K9 |
| DPCH471BK | C11,K9 |
| DPCH471WH | C11,K9 |
| DPCH472BK | C11,K9 |
| DPCH472WH | C11,K9 |
| DPCH500BK | C27 |
| DPCH500WH | C27 |
| DPCH501BK | C27 |
| DPCH501WH | C27 |
| DPCH502BK | C27 |
| DPCH502WH | C27 |
| DPCH503BK | C27 |
| DPCH503WH | C27 |
| DPCH504BK | C27 |
| DPCH504WH | C27 |
| DPCH505BK | C27 |
| DPCH505WH | C27 |
| DPCH512 | C18,K8 |
| DPCH518 | C18,K8 |
| DPCH520BK | C26 |
| DPCH520WH | C26 |
| DPCH522BK | C26 |
| DPCH522WH | C26 |
| DPCH523BK | C26 |
| DPCH523WH | C26 |
| DPCH535BK | C22 |
| DPCH535WH | C22 |
| DPCH536BK | C22 |
| DPCH536WH | C22 |
| DPCH550BK | C25 |
| DPCH550WH | C25 |
| DPCH551BK | C25 |
| DPCH551WH | C25 |
| DPCH552BK | C25 |
| DPCH552WH | C25 |
| DPCH553BK | C25 |
| DPCH553WH | C25 |
| DPCH570BK | C23 |
| DPCH570WH | C23 |
| DPCH571UBK | C23 |

Wiring Accessories Index






DPCH571UWH C23
DPCH580BK C23
DPCH580WH C23
DPCH585BK C23
DPCH585WH C23
DPCH586BK C23
DPCH586WH C23
DPCH655BK C28
DPCH655WH C28
DPCH660 C28
DPCH722BK C26
DPCH722WH C26
DPCH723BK C26
DPCH723WH C26
DPCH750BK C25
DPCH750WH C25
DPCH751BK C25
DPCH751WH C25
DPCH752BK C25
DPCH752WH C25
DPCH753BK C25
DPCH753WH C25
DPCH836BK C22
DPCH836WH C22
DPMB024BK C24
DPMB038BK C22
DPMB039BK C22
DPMB060 C24
DPMB061 C24
DPMB065BK C31
DPMB066BK C31
DPMB100BK C24
DPMB115BK C30
DPMB120BK C30
DPMB121BK C30
DPMB125BK C30
DPMB126BK C30
DPMB140PL C15
DPMB152PL C15
DPMB1535BK C22
DPMB1536BK C22
DPMB153PL C15
DPMB154PL C15
DPMB156BK C31
DPMB157BK C31
DPMB158BK C31
DPMB159BK C31
DPMB161 C14
DPMB162 C14
DPMB163 C14
DPMB164 C14
DPMB170BK C31
DPMB1836BK C22
DPMB20401 J87
DPMB20402 J87
DPMB20403 J88
DPMB20404 J88
DPMB20506 J90
DPMB20508 J90
DPMB20509 J91
DPMB20512 J91
DPMB20518 J92
DPMB20524 J93
DPMB30535BK B24
DPMB30536BK B24
DPMB310 C33,L9
DPMB311 C33,L9
DPMB31102 J89
DPMB312 C33,L9
DPMB401BK C11,K9
DPMB402BK C11,K9
DPMB403BK C11,K9
DPMB404BK C11,K9
DPMB406BK C11,K9
DPMB411BK C10
DPMB412BK C10
DPMB413BK C10
DPMB414BK C10
DPMB416BK C10
DPMB421 C13
DPMB422 C13
DPMB423 C13
DPMB424 C13
DPMB425BK C10
DPMB426BK C11,K9
DPMB471BK C11,K9
DPMB472BK C11,K9
DPMB500BK C27
DPMB501BK C27
DPMB502BK C27
DPMB503BK C27
DPMB504BK C27
DPMB505BK C27
DPMB512 C18,K8
DPMB518 C18,K8
DPMB520BK C26
DPMB522BK C26
DPMB523BK C26
DPMB535BK C22
DPMB536BK C22
DPMB550BK C25
DPMB551BK C25
DPMB552BK C25
DPMB553BK C25
DPMB571UBK C23
DPMB580BK C23
DPMB585BK C23
DPMB586BK C23
DPMB655BK C28
DPMB660 C28
DPMB722BK C26
DPMB723BK C26
DPMB750BK C25
DPMB751BK C25
DPMB752BK C25
DPMB753BK C25
DPMB836BK C22
DPSB024BK C24
DPSB024WH C24
DPSB038BK C22
DPSB038WH C22
DPSB039BK C22
DPSB039WH C22
DPSB060 C24
DPSB061 C24
DPSB065BK C31
DPSB065WH C31
DPSB066BK C31
DPSB066WH C31
DPSB100BK C24
DPSB100WH C24
DPSB115BK C30
DPSB115WH C30
DPSB120BK C30
DPSB120WH C30
DPSB121BK C30
DPSB121WH C30
DPSB125BK C30
DPSB125WH C30
DPSB126BK C30
DPSB126WH C30
DPSB140PL C15
DPSB152PL C15
DPSB1535BK C22
DPSB1535WH C22
DPSB1536BK C22
DPSB1536WH C22
DPSB153PL C15
DPSB154PL C15
DPSB156BK C31
DPSB156WH C31
DPSB157BK C31
DPSB157WH C31
DPSB158BK C31
DPSB158WH C31
DPSB159BK C31
DPSB159WH C31
DPSB161 C14
DPSB162 C14
DPSB163 C14
DPSB164 C14
DPSB170BK C31
DPSB170WH C31
DPSB1836BK C22
DPSB1836WH C22
DPSB185 C15
DPSB186 C15
DPSB20401 J87
DPSB20402 J87
DPSB20403 J88
DPSB20404 J88
DPSB20506 J90
DPSB20508 J90
DPSB20509 J91
DPSB20512 J91
DPSB20518 J92
DPSB20524 J93
DPSB30535BK B24
DPSB30535WH B24
DPSB30536BK B24
DPSB30536WH B24
DPSB310 C33,L9
DPSB311 C33,L9
DPSB31102 J89
DPSB312 C33,L9
DPSB401BK C11,K9
DPSB401WH C11,K9
DPSB402BK C11,K9
DPSB402WH C11,K9
DPSB403BK C11,K9
DPSB403WH C11,K9
DPSB404BK C11,K9
DPSB404WH C11,K9
DPSB406BK C11,K9
DPSB406WH C11,K9
DPSB411BK C10
DPSB411WH C10
DPSB412BK C10
DPSB412WH C10
DPSB413BK C10
DPSB413WH C10
DPSB414BK C10
DPSB414WH C10
DPSB416BK C10
DPSB416WH C10
DPSB421 C13
DPSB422 C13
DPSB423 C13
DPSB424 C13
DPSB425BK C10
DPSB425WH C10
DPSB426BK C11,K9
DPSB426WH C11,K9
DPSB471BK C11,K9
DPSB471WH C11,K9
DPSB472BK C11,K9
DPSB472WH C11,K9
DPSB500BK C27
DPSB500WH C27
DPSB501BK C27
DPSB501WH C27
DPSB502BK C27
DPSB502WH C27
DPSB503BK C27
DPSB503WH C27
DPSB504BK C27
DPSB504WH C27
DPSB505BK C27
DPSB505WH C27
DPSB512 C18,K8
DPSB518 C18,K8
DPSB520BK C26
DPSB520WH C26
DPSB522BK C26
DPSB522WH C26
DPSB523BK C26
DPSB523WH C26
DPSB535BK C22
DPSB535WH C22
DPSB536BK C22
DPSB536WH C22
DPSB550BK C25
DPSB550WH C25
DPSB551BK C25
DPSB551WH C25
DPSB552BK C25
DPSB552WH C25
DPSB553BK C25
DPSB553WH C25
DPSB570BK C23
DPSB570WH C23
DPSB571UBK C23
DPSB571UWH C23
DPSB580BK C23
DPSB580WH C23
DPSB585BK C23
DPSB585WH C23
DPSB586BK C23
DPSB586WH C23
DPSB655BK C28
DPSB655WH C28
DPSB660 C28
DPSB722BK C26
DPSB722WH C26
DPSB723BK C26
DPSB723WH C26
DPSB750BK C25
DPSB750WH C25
DPSB751BK C25
DPSB751WH C25
DPSB752BK C25
DPSB752WH C25
DPSB753BK C25
DPSB753WH C25
DPSB836BK C22
DPSB836WH C22
DPSC024BK C24
DPSC024WH C24
DPSC038BK C22
DPSC038GY C22
DPSC038WH C22
DPSC039BK C22
DPSC039WH C22
DPSC060 C24
DPSC061 C24
DPSC065BK C31
DPSC065WH C31
DPSC066BK C31
DPSC066WH C31
DPSC100BK C24
DPSC100GY C24
DPSC100WH C24
DPSC115BK C30
DPSC115WH C30
DPSC120BK C30
DPSC120WH C30
DPSC121BK C30
DPSC121WH C30
DPSC125BK C30
DPSC125WH C30
DPSC126BK C30
DPSC126WH C30
DPSC140PL C15
DPSC152PL C15
DPSC1535BK C22
DPSC1535WH C22
DPSC1536BK C22
DPSC1536WH C22
DPSC153PL C15
DPSC154PL C15
DPSC156BK C31
DPSC156WH C31
DPSC157BK C31
DPSC157WH C31
DPSC158BK C31
DPSC158WH C31
DPSC159BK C31
DPSC159WH C31
DPSC161 C14
DPSC162 C14
DPSC163 C14
DPSC164 C14
DPSC170BK C31
DPSC170WH C31
DPSC1836BK C22
DPSC1836WH C22
DPSC185 C15
DPSC186 C15
DPSC20401 J87
DPSC20402 J87
DPSC20403 J88
DPSC20404 J88
DPSC20506 J90
DPSC20508 J90
DPSC20509 J91
DPSC20512 J91
DPSC20518 J92
DPSC20524 J93
DPSC30535BK B24
DPSC30535GY B24
DPSC30535WH B24
DPSC30536BK B24
DPSC30536GY B24
DPSC30536WH B24
DPSC310 C33,L9
DPSC311 C33,L9
DPSC31102 J89
DPSC312 C33,L9
DPSC401BK C11,K9
DPSC401GY C11,K9
DPSC401WH C11,K9
DPSC402BK C11,K9
DPSC402GY C11,K9
DPSC402WH C11,K9
DPSC403BK C11,K9
DPSC403GY C11,K9
DPSC403WH C11,K9
DPSC404BK C11,K9
DPSC404GY C11,K9
DPSC404WH C11,K9
DPSC406BK C11,K9
DPSC406GY C11,K9
DPSC406WH C11,K9
DPSC411BK C10
DPSC411GY C10
DPSC411WH C10

| | |
|---|---|
| DPSC412BK | C10 |
| DPSC412GY | C10 |
| DPSC412WH | C10 |
| DPSC413BK | C10 |
| DPSC413GY | C10 |
| DPSC413WH | C10 |
| DPSC414BK | C10 |
| DPSC414GY | C10 |
| DPSC414WH | C10 |
| DPSC416BK | C10 |
| DPSC416GY | C10 |
| DPSC416WH | C10 |
| DPSC421 | C13 |
| DPSC422 | C13 |
| DPSC423 | C13 |
| DPSC424 | C13 |
| DPSC425BK | C10 |
| DPSC425GY | C10 |
| DPSC425WH | C10 |
| DPSC426BK | C11,K9 |
| DPSC426GY | C11,K9 |
| DPSC426WH | C11,K9 |
| DPSC471BK | C11,K9 |
| DPSC471GY | C11,K9 |
| DPSC471WH | C11,K9 |
| DPSC472BK | C11,K9 |
| DPSC472GY | C11,K9 |
| DPSC472WH | C11,K9 |
| DPSC500BK | C27 |
| DPSC500GY | C27 |
| DPSC500WH | C27 |
| DPSC501BK | C27 |
| DPSC501GY | C27 |
| DPSC501WH | C27 |
| DPSC502BK | C27 |
| DPSC502GY | C27 |
| DPSC502WH | C27 |
| DPSC503BK | C27 |
| DPSC503GY | C27 |
| DPSC503WH | C27 |
| DPSC504BK | C27 |
| DPSC504GY | C27 |
| DPSC504WH | C27 |
| DPSC505BK | C27 |
| DPSC505GY | C27 |
| DPSC505WH | C27 |
| DPSC512 | C18,K8 |
| DPSC518 | C18,K8 |
| DPSC520BK | C26 |
| DPSC520GY | C26 |
| DPSC520WH | C26 |
| DPSC522BK | C26 |
| DPSC522GY | C26 |
| DPSC522WH | C26 |
| DPSC523BK | C26 |
| DPSC523GY | C26 |
| DPSC523WH | C26 |
| DPSC535BK | C22 |
| DPSC535GY | C22 |
| DPSC535WH | C22 |
| DPSC536BK | C22 |
| DPSC536GY | C22 |
| DPSC536WH | C22 |
| DPSC550BK | C25 |
| DPSC550GY | C25 |
| DPSC550WH | C25 |
| DPSC551BK | C25 |
| DPSC551GY | C25 |
| DPSC551WH | C25 |
| DPSC552BK | C25 |
| DPSC552GY | C25 |
| DPSC552WH | C25 |
| DPSC553BK | C25 |
| DPSC553GY | C25 |
| DPSC553WH | C25 |
| DPSC570BK | C23 |
| DPSC570WH | C23 |
| DPSC571UBK | C23 |
| DPSC571UGY | C23 |
| DPSC571UWH | C23 |
| DPSC580BK | C23 |
| DPSC580GY | C23 |
| DPSC580WH | C23 |
| DPSC585BK | C23 |
| DPSC585GY | C23 |
| DPSC585WH | C23 |
| DPSC586BK | C23 |
| DPSC586GY | C23 |
| DPSC586WH | C23 |
| DPSC655BK | C28 |
| DPSC655GY | C28 |
| DPSC655WH | C28 |
| DPSC660 | C28 |
| DPSC722BK | C26 |
| DPSC722GY | C26 |
| DPSC722WH | C26 |
| DPSC723BK | C26 |
| DPSC723GY | C26 |
| DPSC723WH | C26 |
| DPSC750BK | C25 |
| DPSC750GY | C25 |
| DPSC750WH | C25 |
| DPSC751BK | C25 |
| DPSC751GY | C25 |
| DPSC751WH | C25 |
| DPSC752BK | C25 |
| DPSC752GY | C25 |
| DPSC752WH | C25 |
| DPSC753BK | C25 |
| DPSC753GY | C25 |
| DPSC753WH | C25 |
| DPSC836BK | C22 |
| DPSC836WH | C22 |
| DPSS024BK | C24 |
| DPSS024WH | C24 |
| DPSS038BK | C22 |
| DPSS038GY | C22 |
| DPSS038WH | C22 |
| DPSS039BK | C22 |
| DPSS039WH | C22 |
| DPSS060 | C24 |
| DPSS061 | C24 |
| DPSS065BK | C31 |
| DPSS065WH | C31 |
| DPSS066BK | C31 |
| DPSS066WH | C31 |
| DPSS100BK | C24 |
| DPSS100GY | C24 |
| DPSS100WH | C24 |
| DPSS115BK | C30 |
| DPSS115WH | C30 |
| DPSS120BK | C30 |
| DPSS120WH | C30 |
| DPSS121BK | C30 |
| DPSS121WH | C30 |
| DPSS125BK | C30 |
| DPSS125WH | C30 |
| DPSS126BK | C30 |
| DPSS126WH | C30 |
| DPSS140PL | C15 |
| DPSS152PL | C15 |
| DPSS1535BK | C22 |
| DPSS1535WH | C22 |
| DPSS1536BK | C22 |
| DPSS1536WH | C22 |
| DPSS153PL | C15 |
| DPSS154PL | C15 |
| DPSS156BK | C31 |
| DPSS156WH | C31 |
| DPSS157BK | C31 |
| DPSS157WH | C31 |
| DPSS158BK | C31 |
| DPSS158WH | C31 |
| DPSS159BK | C31 |
| DPSS159WH | C31 |
| DPSS161 | C14 |
| DPSS162 | C14 |
| DPSS163 | C14 |
| DPSS164 | C14 |
| DPSS170BK | C31 |
| DPSS170WH | C31 |
| DPSS1836BK | C22 |
| DPSS1836WH | C22 |
| DPSS185 | C15 |
| DPSS186 | C15 |
| DPSS20401 | J87 |
| DPSS20402 | J87 |
| DPSS20403 | J88 |
| DPSS20404 | J88 |
| DPSS20506 | J90 |
| DPSS20508 | J90 |
| DPSS20509 | J91 |
| DPSS20512 | J91 |
| DPSS20518 | J92 |
| DPSS20524 | J93 |
| DPSS30535BK | B24 |
| DPSS30535GY | B24 |
| DPSS30535WH | B24 |
| DPSS30536BK | B24 |
| DPSS30536GY | B24 |
| DPSS30536WH | B24 |
| DPSS310 | C33,L9 |
| DPSS311 | C33,L9 |
| DPSS31102 | J89 |
| DPSS312 | C33,L9 |
| DPSS401BK | C11,K9 |
| DPSS401GY | C11,K9 |
| DPSS401WH | C11,K9 |
| DPSS402BK | C11,K9 |
| DPSS402GY | C11,K9 |
| DPSS402WH | C11,K9 |
| DPSS403BK | C11,K9 |
| DPSS403GY | C11,K9 |
| DPSS403WH | C11,K9 |
| DPSS404BK | C11,K9 |
| DPSS404GY | C11,K9 |
| DPSS404WH | C11,K9 |
| DPSS406BK | C11,K9 |
| DPSS406GY | C11,K9 |
| DPSS406WH | C11,K9 |
| DPSS411BK | C10 |
| DPSS411GY | C10 |
| DPSS411WH | C10 |
| DPSS412BK | C10 |
| DPSS412GY | C10 |
| DPSS412WH | C10 |
| DPSS413BK | C10 |
| DPSS413GY | C10 |
| DPSS413WH | C10 |
| DPSS414BK | C10 |
| DPSS414GY | C10 |
| DPSS414WH | C10 |
| DPSS416BK | C10 |
| DPSS416GY | C10 |
| DPSS416WH | C10 |
| DPSS421 | C13 |
| DPSS422 | C13 |
| DPSS423 | C13 |
| DPSS424 | C13 |
| DPSS425BK | C10 |
| DPSS425GY | C10 |
| DPSS425WH | C10 |
| DPSS426BK | C11,K9 |
| DPSS426GY | C11,K9 |
| DPSS426WH | C11,K9 |
| DPSS471BK | C11,K9 |
| DPSS471GY | C11,K9 |
| DPSS471WH | C11,K9 |
| DPSS472BK | C11,K9 |
| DPSS472GY | C11,K9 |
| DPSS472WH | C11,K9 |
| DPSS500BK | C27 |
| DPSS500GY | C27 |
| DPSS500WH | C27 |
| DPSS501BK | C27 |
| DPSS501GY | C27 |
| DPSS501WH | C27 |
| DPSS502BK | C27 |
| DPSS502GY | C27 |
| DPSS502WH | C27 |
| DPSS503BK | C27 |
| DPSS503GY | C27 |
| DPSS503WH | C27 |
| DPSS504BK | C27 |
| DPSS504GY | C27 |
| DPSS504WH | C27 |
| DPSS505BK | C27 |
| DPSS505GY | C27 |
| DPSS505WH | C27 |
| DPSS512 | C18,K8 |
| DPSS518 | C18,K8 |
| DPSS520BK | C26 |
| DPSS520GY | C26 |
| DPSS520WH | C26 |
| DPSS522BK | C26 |
| DPSS522GY | C26 |
| DPSS522WH | C26 |
| DPSS523BK | C26 |
| DPSS523GY | C26 |
| DPSS523WH | C26 |
| DPSS535BK | C22 |
| DPSS535GY | C22 |
| DPSS535WH | C22 |
| DPSS536BK | C22 |
| DPSS536GY | C22 |
| DPSS536WH | C22 |
| DPSS550BK | C25 |
| DPSS550GY | C25 |
| DPSS550WH | C25 |
| DPSS551BK | C25 |
| DPSS551GY | C25 |
| DPSS551WH | C25 |
| DPSS552BK | C25 |
| DPSS552GY | C25 |
| DPSS552WH | C25 |
| DPSS553BK | C25 |
| DPSS553GY | C25 |
| DPSS553WH | C25 |
| DPSS570BK | C23 |
| DPSS570WH | C23 |
| DPSS571UBK | C23 |
| DPSS571UGY | C23 |
| DPSS571UWH | C23 |
| DPSS580BK | C23 |
| DPSS580GY | C23 |
| DPSS580WH | C23 |
| DPSS585BK | C23 |
| DPSS585GY | C23 |
| DPSS585WH | C23 |
| DPSS586BK | C23 |
| DPSS586GY | C23 |
| DPSS586WH | C23 |
| DPSS655BK | C28 |
| DPSS655GY | C28 |
| DPSS655WH | C28 |
| DPSS660 | C28 |
| DPSS722BK | C26 |
| DPSS722GY | C26 |
| DPSS722WH | C26 |
| DPSS723BK | C26 |
| DPSS723GY | C26 |
| DPSS723WH | C26 |
| DPSS750BK | C25 |
| DPSS750GY | C25 |
| DPSS750WH | C25 |
| DPSS751BK | C25 |
| DPSS751GY | C25 |
| DPSS751WH | C25 |
| DPSS752BK | C25 |
| DPSS752GY | C25 |
| DPSS752WH | C25 |
| DPSS753BK | C25 |
| DPSS753GY | C25 |
| DPSS753WH | C25 |
| DPSS836BK | C22 |
| DPSS836WH | C22 |

**E**

| | |
|---|---|
| EBB118R | N48 |
| EBB118S | N48 |
| EBB240R | N48 |
| EBB240S | N48 |
| ES001 | N41 |
| ES002 | N41 |
| ES003 | N41 |
| ES008 | N41 |

**F**

| | |
|---|---|
| FPBN038BK | E12 |
| FPBN039BK | E12 |
| FPBN060 | E17 |
| FPBN061 | E17 |
| FPBN065BK | E21 |
| FPBN066BK | E21 |
| FPBN100BK | E17 |
| FPBN115BK | E20 |
| FPBN120BK | E20 |
| FPBN121BK | E20 |
| FPBN125BK | E20 |
| FPBN126BK | E20 |
| FPBN140PL | E8 |
| FPBN152PL | E8 |
| FPBN1535BK | E11 |
| FPBN1536BK | E11 |
| FPBN153PL | E8 |
| FPBN154PL | E8 |
| FPBN156BK | E21 |
| FPBN157BK | E21 |
| FPBN158BK | E21 |
| FPBN159BK | E21 |
| FPBN161 | E7 |
| FPBN162 | E7 |
| FPBN163 | E7 |
| FPBN164 | E7 |
| FPBN1836BK | E11 |
| FPBN185 | E8 |
| FPBN186 | E8 |
| FPBN200BK | E14 |
| FPBN201BK | E14 |
| FPBN202BK | E14 |
| FPBN203BK | E14 |
| FPBN20401 | J106 |
| FPBN20402 | J106 |
| FPBN20403 | J107 |
| FPBN20404 | J107 |
| FPBN204BK | E14 |


Wiring Accessories Index

| | |
|---|---|
| FPBN20506 | J109 |
| FPBN20508 | J109 |
| FPBN20509 | J110 |
| FPBN20512 | J110 |
| FPBN20518 | J111 |
| FPBN20524 | J112 |
| FPBN205BK | E14 |
| FPBN310 | E22,L11 |
| FPBN311 | E22,L11 |
| FPBN31102 | J108 |
| FPBN312 | E22,L11 |
| FPBN401BK | E6,K11 |
| FPBN402BK | E6,K11 |
| FPBN403BK | E6,K11 |
| FPBN404BK | E6,K11 |
| FPBN406BK | E6,K11 |
| FPBN411BK | E5 |
| FPBN412BK | E5 |
| FPBN413BK | E5 |
| FPBN414BK | E5 |
| FPBN416BK | E5 |
| FPBN421 | E9 |
| FPBN422 | E9 |
| FPBN423 | E9 |
| FPBN424 | E9 |
| FPBN425BK | E5 |
| FPBN426BK | E6,K11 |
| FPBN500BK | E15 |
| FPBN501BK | E15 |
| FPBN502BK | E15 |
| FPBN503BK | E15 |
| FPBN504BK | E15 |
| FPBN505BK | E15 |
| FPBN520BK | E16 |
| FPBN522BK | E16 |
| FPBN523BK | E16 |
| FPBN535BK | E11 |
| FPBN536BK | E11 |
| FPBN550BK | E13 |
| FPBN551BK | E13 |
| FPBN552BK | E13 |
| FPBN553BK | E13 |
| FPBN570BK | E12 |
| FPBN571UBK | E12 |
| FPBN580BK | E12 |
| FPBN585BK | E12 |
| FPBN586BK | E12 |
| FPBN655BK | E12 |
| FPBN660 | E16 |
| FPBN722BK | E16 |
| FPBN723BK | E16 |
| FPBN750BK | E13 |
| FPBN751BK | E13 |
| FPBN752BK | E13 |
| FPBN753BK | E13 |
| FPBS038BK | E12 |
| FPBS038WH | E12 |
| FPBS039BK | E12 |
| FPBS039WH | E12 |
| FPBS060 | E17 |
| FPBS061 | E17 |
| FPBS065BK | E21 |
| FPBS065WH | E21 |
| FPBS066BK | E21 |
| FPBS066WH | E21 |
| FPBS100BK | E17 |
| FPBS100WH | E17 |
| FPBS115BK | E20 |
| FPBS115WH | E20 |
| FPBS120BK | E20 |
| FPBS120WH | E20 |
| FPBS121BK | E20 |
| FPBS121WH | E20 |
| FPBS125BK | E20 |
| FPBS125WH | E20 |
| FPBS126BK | E20 |
| FPBS126WH | E20 |
| FPBS140PL | E8 |
| FPBS152PL | E8 |
| FPBS1535BK | E11 |
| FPBS1535WH | E11 |
| FPBS1536BK | E11 |
| FPBS1536WH | E11 |
| FPBS153PL | E8 |
| FPBS154PL | E8 |
| FPBS156BK | E21 |
| FPBS156WH | E21 |
| FPBS157BK | E21 |
| FPBS157WH | E21 |
| FPBS158BK | E21 |
| FPBS158WH | E21 |
| FPBS159BK | E21 |
| FPBS159WH | E21 |
| FPBS161 | E7 |
| FPBS162 | E7 |
| FPBS163 | E7 |
| FPBS164 | E7 |
| FPBS1836BK | E11 |
| FPBS1836WH | E11 |
| FPBS185 | E8 |
| FPBS186 | E8 |
| FPBS200BK | E14 |
| FPBS200WH | E14 |
| FPBS201BK | E14 |
| FPBS201WH | E14 |
| FPBS202BK | E14 |
| FPBS202WH | E14 |
| FPBS203BK | E14 |
| FPBS203WH | E14 |
| FPBS20401 | J106 |
| FPBS20402 | J106 |
| FPBS20403 | J107 |
| FPBS20404 | J107 |
| FPBS204BK | E14 |
| FPBS204WH | E14 |
| FPBS20506 | J109 |
| FPBS20508 | J109 |
| FPBS20509 | J110 |
| FPBS20512 | J110 |
| FPBS20518 | J111 |
| FPBS20524 | J112 |
| FPBS205BK | E14 |
| FPBS205WH | E14 |
| FPBS310 | E22,L11 |
| FPBS311 | E22,L11 |
| FPBS31102 | J108 |
| FPBS312 | E22,L11 |
| FPBS401BK | E6,K11 |
| FPBS401WH | E6,K11 |
| FPBS402BK | E6,K11 |
| FPBS402WH | E6,K11 |
| FPBS403BK | E6,K11 |
| FPBS403WH | E6,K11 |
| FPBS404BK | E6,K11 |
| FPBS404WH | E6,K11 |
| FPBS406BK | E6,K11 |
| FPBS406WH | E6,K11 |
| FPBS411BK | E5 |
| FPBS411WH | E5 |
| FPBS412BK | E5 |
| FPBS412WH | E5 |
| FPBS413BK | E5 |
| FPBS413WH | E5 |
| FPBS414BK | E5 |
| FPBS414WH | E5 |
| FPBS416BK | E5 |
| FPBS416WH | E5 |
| FPBS421 | E9 |
| FPBS422 | E9 |
| FPBS423 | E9 |
| FPBS424 | E9 |
| FPBS425BK | E5 |
| FPBS425WH | E5 |
| FPBS426BK | E6,K11 |
| FPBS426WH | E6,K11 |
| FPBS500BK | E15 |
| FPBS500WH | E15 |
| FPBS501BK | E15 |
| FPBS501WH | E15 |
| FPBS502BK | E15 |
| FPBS502WH | E15 |
| FPBS503BK | E15 |
| FPBS503WH | E15 |
| FPBS504BK | E15 |
| FPBS504WH | E15 |
| FPBS505BK | E15 |
| FPBS505WH | E15 |
| FPBS520BK | E16 |
| FPBS520WH | E16 |
| FPBS522BK | E16 |
| FPBS522WH | E16 |
| FPBS523BK | E16 |
| FPBS523WH | E16 |
| FPBS535BK | E11 |
| FPBS535WH | E11 |
| FPBS536BK | E11 |
| FPBS536WH | E11 |
| FPBS550BK | E13 |
| FPBS550WH | E13 |
| FPBS551BK | E13 |
| FPBS551WH | E13 |
| FPBS552BK | E13 |
| FPBS552WH | E13 |
| FPBS553BK | E13 |
| FPBS553WH | E13 |
| FPBS570BK | E12 |
| FPBS570WH | E12 |
| FPBS571UBK | E12 |
| FPBS571UWH | E12 |
| FPBS580BK | E12 |
| FPBS580WH | E12 |
| FPBS585BK | E12 |
| FPBS585WH | E12 |
| FPBS586BK | E12 |
| FPBS586WH | E12 |
| FPBS655BK | E12 |
| FPBS655WH | E12 |
| FPBS660 | E16 |
| FPBS722BK | E16 |
| FPBS722WH | E16 |
| FPBS723BK | E16 |
| FPBS723WH | E16 |
| FPBS750BK | E13 |
| FPBS750WH | E13 |
| FPBS751BK | E13 |
| FPBS751WH | E13 |
| FPBS752BK | E13 |
| FPBS752WH | E13 |
| FPBS753BK | E13 |
| FPBS753WH | E13 |
| FPCH038BK | E12 |
| FPCH038WH | E12 |
| FPCH039BK | E12 |
| FPCH039WH | E12 |
| FPCH060 | E17 |
| FPCH061 | E17 |
| FPCH065BK | E21 |
| FPCH065WH | E21 |
| FPCH066BK | E21 |
| FPCH066WH | E21 |
| FPCH100BK | E17 |
| FPCH100WH | E17 |
| FPCH115BK | E20 |
| FPCH115WH | E20 |
| FPCH120BK | E20 |
| FPCH120WH | E20 |
| FPCH121BK | E20 |
| FPCH121WH | E20 |
| FPCH125BK | E20 |
| FPCH125WH | E20 |
| FPCH126BK | E20 |
| FPCH126WH | E20 |
| FPCH140PL | E8 |
| FPCH152PL | E8 |
| FPCH1535BK | E11 |
| FPCH1535WH | E11 |
| FPCH1536BK | E11 |
| FPCH1536WH | E11 |
| FPCH153PL | E8 |
| FPCH154PL | E8 |
| FPCH156BK | E21 |
| FPCH156WH | E21 |
| FPCH157BK | E21 |
| FPCH157WH | E21 |
| FPCH158BK | E21 |
| FPCH158WH | E21 |
| FPCH159BK | E21 |
| FPCH159WH | E21 |
| FPCH161 | E7 |
| FPCH162 | E7 |
| FPCH163 | E7 |
| FPCH164 | E7 |
| FPCH1836BK | E11 |
| FPCH1836WH | E11 |
| FPCH185 | E8 |
| FPCH186 | E8 |
| FPCH200BK | E14 |
| FPCH200WH | E14 |
| FPCH201BK | E14 |
| FPCH201WH | E14 |
| FPCH202BK | E14 |
| FPCH202WH | E14 |
| FPCH203BK | E14 |
| FPCH203WH | E14 |
| FPCH20401 | J106 |
| FPCH20402 | J106 |
| FPCH20403 | J107 |
| FPCH20404 | J107 |
| FPCH204BK | E14 |
| FPCH204WH | E14 |
| FPCH20506 | J109 |
| FPCH20508 | J109 |
| FPCH20509 | J110 |
| FPCH20512 | J110 |
| FPCH20518 | J111 |
| FPCH20524 | J112 |
| FPCH205BK | E14 |
| FPCH205WH | E14 |
| FPCH310 | E22,L11 |
| FPCH311 | E22,L11 |
| FPCH31102 | J108 |
| FPCH312 | E22,L11 |
| FPCH401BK | E6,K11 |
| FPCH401WH | E6,K11 |
| FPCH402BK | E6,K11 |
| FPCH402WH | E6,K11 |
| FPCH403BK | E6,K11 |
| FPCH403WH | E6,K11 |
| FPCH404BK | E6,K11 |
| FPCH404WH | E6,K11 |
| FPCH406BK | E6,K11 |
| FPCH406WH | E6,K11 |
| FPCH411BK | E5 |
| FPCH411WH | E5 |
| FPCH412BK | E5 |
| FPCH412WH | E5 |
| FPCH413BK | E5 |
| FPCH413WH | E5 |
| FPCH414BK | E5 |
| FPCH414WH | E5 |
| FPCH416BK | E5 |
| FPCH416WH | E5 |
| FPCH421 | E9 |
| FPCH422 | E9 |
| FPCH423 | E9 |
| FPCH424 | E9 |
| FPCH425BK | E5 |
| FPCH425WH | E5 |
| FPCH426BK | E6,K11 |
| FPCH426WH | E6,K11 |
| FPCH500BK | E15 |
| FPCH500WH | E15 |
| FPCH501BK | E15 |
| FPCH501WH | E15 |
| FPCH502BK | E15 |
| FPCH502WH | E15 |
| FPCH503BK | E15 |
| FPCH503WH | E15 |
| FPCH504BK | E15 |
| FPCH504WH | E15 |
| FPCH505BK | E15 |
| FPCH505WH | E15 |
| FPCH520BK | E16 |
| FPCH520WH | E16 |
| FPCH522BK | E16 |
| FPCH522WH | E16 |
| FPCH523BK | E16 |
| FPCH523WH | E16 |
| FPCH535BK | E11 |
| FPCH535WH | E11 |
| FPCH536BK | E11 |
| FPCH536WH | E11 |
| FPCH550BK | E13 |
| FPCH550WH | E13 |
| FPCH551BK | E13 |
| FPCH551WH | E13 |
| FPCH552BK | E13 |
| FPCH552WH | E13 |
| FPCH553BK | E13 |
| FPCH553WH | E13 |
| FPCH570BK | E12 |
| FPCH570WH | E12 |
| FPCH571UBK | E12 |
| FPCH571UWH | E12 |
| FPCH580BK | E12 |
| FPCH580WH | E12 |
| FPCH585BK | E12 |
| FPCH585WH | E12 |
| FPCH586BK | E12 |
| FPCH586WH | E12 |
| FPCH655BK | E12 |
| FPCH655WH | E12 |
| FPCH660 | E16 |
| FPCH722BK | E16 |
| FPCH722WH | E16 |
| FPCH723BK | E16 |
| FPCH723WH | E16 |
| FPCH750BK | E13 |
| FPCH750WH | E13 |
| FPCH751BK | E13 |
| FPCH751WH | E13 |
| FPCH752BK | E13 |
| FPCH752WH | E13 |
| FPCH753BK | E13 |
| FPCH753WH | E13 |
| FPPN038BK | E12 |

Wiring Accessories Index

FPPN038WH E12
FPPN039BK E12
FPPN039WH E12
FPPN060 E17
FPPN061 E17
FPPN065BK E21
FPPN065WH E21
FPPN066BK E21
FPPN066WH E21
FPPN100BK E17
FPPN100WH E17
FPPN115BK E20
FPPN115WH E20
FPPN120BK E20
FPPN120WH E20
FPPN121BK E20
FPPN121WH E20
FPPN125BK E20
FPPN125WH E20
FPPN126BK E20
FPPN126WH E20
FPPN140PL E8
FPPN152PL E8
FPPN1535BK E11
FPPN1535WH E11
FPPN1536BK E11
FPPN1536WH E11
FPPN153PL E8
FPPN154PL E8
FPPN156BK E21
FPPN156WH E21
FPPN157BK E21
FPPN157WH E21
FPPN158BK E21
FPPN158WH E21
FPPN159BK E21
FPPN159WH E21
FPPN161 E7
FPPN162 E7
FPPN163 E7
FPPN164 E7
FPPN1836BK E11
FPPN1836WH E11
FPPN185 E8
FPPN186 E8
FPPN200BK E14
FPPN200WH E14
FPPN201BK E14
FPPN201WH E14
FPPN202BK E14
FPPN202WH E14
FPPN203BK E14
FPPN203WH E14
FPPN20401 J106
FPPN20402 J106
FPPN20403 J107
FPPN20404 J107
FPPN204BK E14
FPPN204WH E14
FPPN20506 J109
FPPN20508 J109
FPPN20509 J110
FPPN20512 J110
FPPN20518 J111
FPPN20524 J112
FPPN205BK E14
FPPN205WH E14
FPPN310 E22,L11
FPPN311 E22,L11
FPPN31102 J108
FPPN312 E22,L11
FPPN401BK E6,K11
FPPN401WH E6,K11
FPPN402BK E6,K11
FPPN402WH E6,K11
FPPN403BK E6,K11
FPPN403WH E6,K11
FPPN404BK E6,K11
FPPN404WH E6,K11
FPPN406BK E6,K11
FPPN406WH E6,K11
FPPN411BK E5
FPPN411WH E5
FPPN412BK E5
FPPN412WH E5
FPPN413BK E5
FPPN413WH E5
FPPN414BK E5
FPPN414WH E5
FPPN416BK E5
FPPN416WH E5
FPPN421 E9
FPPN422 E9
FPPN423 E9
FPPN424 E9
FPPN425BK E5
FPPN425WH E5
FPPN426BK E6,K11
FPPN426WH E6,K11
FPPN500BK E15
FPPN500WH E15
FPPN501BK E15
FPPN501WH E15
FPPN502BK E15
FPPN502WH E15
FPPN503BK E15
FPPN503WH E15
FPPN504BK E15
FPPN504WH E15
FPPN505BK E15
FPPN505WH E15
FPPN520BK E16
FPPN520WH E16
FPPN522BK E16
FPPN522WH E16
FPPN523BK E16
FPPN523WH E16
FPPN535BK E11
FPPN535WH E11
FPPN536BK E11
FPPN536WH E11
FPPN550BK E13
FPPN550WH E13
FPPN551BK E13
FPPN551WH E13
FPPN552BK E13
FPPN552WH E13
FPPN553BK E13
FPPN553WH E13
FPPN570BK E12
FPPN570WH E12
FPPN571UBK E12
FPPN571UWH E12
FPPN580BK E12
FPPN580WH E12
FPPN585BK E12
FPPN585WH E12
FPPN586BK E12
FPPN586WH E12
FPPN655BK E12
FPPN655WH E12
FPPN660 E16
FPPN722BK E16
FPPN722WH E16
FPPN723BK E16
FPPN723WH E16
FPPN750BK E13
FPPN750WH E13
FPPN751BK E13
FPPN751WH E13
FPPN752BK E13
FPPN752WH E13
FPPN753BK E13
FPPN753WH E13
FPSS038BK E12
FPSS038WH E12
FPSS039BK E12
FPSS039WH E12
FPSS060 E17
FPSS061 E17
FPSS065BK E21
FPSS065WH E21
FPSS066BK E21
FPSS066WH E21
FPSS100BK E17
FPSS100WH E17
FPSS115BK E20
FPSS115WH E20
FPSS120BK E20
FPSS120WH E20
FPSS121BK E20
FPSS121WH E20
FPSS125BK E20
FPSS125WH E20
FPSS126BK E20
FPSS126WH E20
FPSS140PL E8
FPSS152PL E8
FPSS1535BK E11
FPSS1535WH E11
FPSS1536BK E11
FPSS1536WH E11
FPSS153PL E8
FPSS154PL E8
FPSS156BK E21
FPSS156WH E21
FPSS157BK E21
FPSS157WH E21
FPSS158BK E21
FPSS158WH E21
FPSS159BK E21
FPSS159WH E21
FPSS161 E7
FPSS162 E7
FPSS163 E7
FPSS164 E7
FPSS1836BK E11
FPSS1836WH E11
FPSS185 E8
FPSS186 E8
FPSS200BK E14
FPSS200WH E14
FPSS201BK E14
FPSS201WH E14
FPSS202BK E14
FPSS202WH E14
FPSS203BK E14
FPSS203WH E14
FPSS20401 J106
FPSS20402 J106
FPSS20403 J107
FPSS20404 J107
FPSS204BK E14
FPSS204WH E14
FPSS20506 J109
FPSS20508 J109
FPSS20509 J110
FPSS20512 J110
FPSS20518 J111
FPSS20524 J112
FPSS205BK E14
FPSS205WH E14
FPSS310 E22,L11
FPSS311 E22,L11
FPSS31102 J108
FPSS312 E22,L11
FPSS401BK E6,K11
FPSS401WH E6,K11
FPSS402BK E6,K11
FPSS402WH E6,K11
FPSS403BK E6,K11
FPSS403WH E6,K11
FPSS404BK E6,K11
FPSS404WH E6,K11
FPSS406BK E6,K11
FPSS406WH E6,K11
FPSS411BK E5
FPSS411WH E5
FPSS412BK E5
FPSS412WH E5
FPSS413BK E5
FPSS413WH E5
FPSS414BK E5
FPSS414WH E5
FPSS416BK E5
FPSS416WH E5
FPSS421 E9
FPSS422 E9
FPSS423 E9
FPSS424 E9
FPSS425BK E5
FPSS425WH E5
FPSS426BK E6,K11
FPSS426WH E6,K11
FPSS500BK E15
FPSS500WH E15
FPSS501BK E15
FPSS501WH E15
FPSS502BK E15
FPSS502WH E15
FPSS503BK E15
FPSS503WH E15
FPSS504BK E15
FPSS504WH E15
FPSS505BK E15
FPSS505WH E15
FPSS520BK E16
FPSS520WH E16
FPSS522BK E16
FPSS522WH E16
FPSS523BK E16
FPSS523WH E16
FPSS535BK E11
FPSS535WH E11
FPSS536BK E11
FPSS536WH E11
FPSS550BK E13
FPSS550WH E13
FPSS551BK E13
FPSS551WH E13
FPSS552BK E13
FPSS552WH E13
FPSS553BK E13
FPSS553WH E13
FPSS570BK E12
FPSS570WH E12
FPSS571UBK E12
FPSS571UWH E12
FPSS580BK E12
FPSS580WH E12
FPSS585BK E12
FPSS585WH E12
FPSS586BK E12
FPSS586WH E12
FPSS655BK E12
FPSS655WH E12
FPSS660 E16
FPSS722BK E16
FPSS722WH E16
FPSS723BK E16
FPSS723WH E16
FPSS750BK E13
FPSS750WH E13
FPSS751BK E13
FPSS751WH E13
FPSS752BK E13
FPSS752WH E13
FPSS753BK E13
FPSS753WH E13
FS030SS N36
FS032SS N36
FS311SS L14,N36
FS312SS L14,N36
FU021 N47
FU022 N47
FU023 N47
FU030 N47
FU031 N47
FU032 N47
FU035 N47
FU036 N47
FU037 N47
FU038 N47


**G**


GA100 E24,F68,G36,H28,I20,M17,N7
GM050BK J80
GM050BKAB J80
GM050BKBN J80
GM050BKBR J80
GM050BKBS J80
GM050BKCH J80
GM050BKMB J80
GM050BKPN J80
GM050BKSB J80
GM050BKSC J80
GM050BKSS J80
GM050GYBS J80
GM050GYSC J80
GM050GYSS J80
GM050PW J80
GM050PWBR J80
GM050PWBS J80
GM050PWCH J80
GM050PWPN J80
GM050PWSB J80
GM050PWSC J80
GM050PWSS J80
GM150BK J82
GM150BKAB J82
GM150BKBN J82
GM150BKBR J82
GM150BKBS J82
GM150BKCH J82
GM150BKMB J82
GM150BKPN J82
GM150BKSB J82
GM150BKSC J82
GM150BKSS J82
GM150GYBS J82
GM150GYSC J82
GM150GYSS J82
GM150PW J82
GM150PWBR J82
GM150PWBS J82
GM150PWCH J82


Wiring Accessories Index

GM150PWPN J82
GM150PWSB J82
GM150PWSC J82
GM150PWSS J82
GM2001BK J26,J28
GM2001BKAB J26,J28
GM2001BKBN J26,J28
GM2001BKBR J26,J28
GM2001BKBS J26,J28
GM2001BKCH J26,J28
GM2001BKMB J26,J28
GM2001BKPN J26,J28
GM2001BKSB J26,J28
GM2001BKSC J26,J28
GM2001BKSS J26,J28
GM2001BTBK J70
GM2001BTPW J70
GM2001GYBS J26,J28
GM2001GYSC J26,J28
GM2001GYSS J26,J28
GM2001PW J26,J28
GM2001PWBR J26,J28
GM2001PWBS J26,J28
GM2001PWCH J26,J28
GM2001PWPN J26,J28
GM2001PWRD J82
GM2001PWSB J26,J28
GM2001PWSC J26,J28
GM2001PWSS J26,J28
GM2002BK J28
GM2002BKAB J28
GM2002BKBN J28
GM2002BKBR J28
GM2002BKBS J28
GM2002BKCH J28
GM2002BKMB J28
GM2002BKPN J28
GM2002BKSB J28
GM2002BKSC J28
GM2002BKSS J28
GM2002BTBK J70
GM2002BTPW J70
GM2002GYBS J28
GM2002GYSC J28
GM2002GYSS J28
GM2002PW J28
GM2002PWBR J28
GM2002PWBS J28
GM2002PWCH J28
GM2002PWPN J28
GM2002PWRD J26,J28
GM2002PWSB J28
GM2002PWSC J28
GM2002PWSS J28
GM2003BK J48
GM2003BKAB J48
GM2003BKBN J48
GM2003BKBR J48
GM2003BKBS J48
GM2003BKCH J48
GM2003BKMB J48
GM2003BKPN J48
GM2003BKSB J48
GM2003BKSC J48
GM2003BKSS J48
GM2003GYBS J48
GM2003GYSC J48
GM2003GYSS J48
GM2003PW J48
GM2003PWBR J48
GM2003PWBS J48
GM2003PWCH J48
GM2003PWPN J48
GM2003PWSB J48
GM2003PWSC J48
GM2003PWSS J48
GM2004BK J30
GM2004BKAB J30
GM2004BKBN J30
GM2004BKBR J30
GM2004BKBS J30
GM2004BKCH J30
GM2004BKMB J30
GM2004BKPN J30
GM2004BKSB J30
GM2004BKSC J30
GM2004BKSS J30
GM2004GYBS J30
GM2004GYSC J30
GM2004GYSS J30
GM2004PW J30
GM2004PWBR J30
GM2004PWBS J30
GM2004PWCH J30
GM2004PWPN J30
GM2004PWRD J30
GM2004PWSB J30
GM2004PWSC J30
GM2004PWSS J30
GM2008BK J64
GM2008BKAB J64
GM2008BKBN J64
GM2008BKBR J64
GM2008BKBS J64
GM2008BKCH J64
GM2008BKMB J64
GM2008BKPN J64
GM2008BKSB J64
GM2008BKSC J64
GM2008BKSS J64
GM2008GTAB J68
GM2008GTBK J68
GM2008GTBN J68
GM2008GTBR J68
GM2008GTBS J68
GM2008GTCH J68
GM2008GTPN J68
GM2008GTPW J68
GM2008GTSB J68
GM2008GTSC J68
GM2008GTSS J68
GM2008GYBS J64
GM2008GYSC J64
GM2008GYSS J64
GM2008PW J64
GM2008PWBR J64
GM2008PWBS J64
GM2008PWCH J64
GM2008PWPN J64
GM2008PWSB J64
GM2008PWSC J64
GM2008PWSS J64
GM2008RTAB J68
GM2008RTBK J68
GM2008RTBN J68
GM2008RTBR J68
GM2008RTBS J68
GM2008RTCH J68
GM2008RTPN J68
GM2008RTPW J68
GM2008RTSB J68
GM2008RTSC J68
GM2008RTSS J68
GM2014BK J50
GM2014BKAB J50
GM2014BKBN J50
GM2014BKBR J50
GM2014BKBS J50
GM2014BKCH J50
GM2014BKMB J50
GM2014BKPN J50
GM2014BKSB J50
GM2014BKSC J50
GM2014BKSS J50
GM2014GYBS J50
GM2014GYSC J50
GM2014GYSS J50
GM2014PW J50
GM2014PWBR J50
GM2014PWBS J50
GM2014PWCH J50
GM2014PWPN J50
GM2014PWSB J50
GM2014PWSC J50
GM2014PWSS J50
GM2017BK J62
GM2017BKAB J62
GM2017BKBN J62
GM2017BKBR J62
GM2017BKBS J62
GM2017BKCH J62
GM2017BKMB J62
GM2017BKPN J62
GM2017BKSB J62
GM2017BKSC J62
GM2017BKSS J62
GM2017GYBS J62
GM2017GYSC J62
GM2017GYSS J62
GM2017PW J62
GM2017PWBR J62
GM2017PWBS J62
GM2017PWCH J62
GM2017PWPN J62
GM2017PWSB J62
GM2017PWSC J62
GM2017PWSS J62
GM2018BK J34
GM2018BK-BL J34
GM2018BK-CH J34
GM2018BK-DW J34
GM2018BK-FD J34
GM2018BK-FF J34
GM2018BK-FN J34
GM2018BK-FZ J34
GM2018BK-HB J34
GM2018BK-HT J34
GM2018BK-MW J34
GM2018BK-OV J34
GM2018BK-TD J34
GM2018BK-WC J34
GM2018BK-WD J34
GM2018BK-WDR J34
GM2018BK-WH J34
GM2018BK-WM J34
GM2018BKAB J34
GM2018BKAB-BL J34
GM2018BKAB-CH J34
GM2018BKAB-DW J34
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GM2018NBKCH-WC J36
GM2018NBKCH-WD J36
GM2018NBKCH-WDR J36
GM2018NBKCH-WH J36
GM2018NBKCH-WM J36


Wiring Accessories Index




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GM2018NBKMB-BL J36
GM2018NBKMB-CH J36
GM2018NBKMB-DW J36
GM2018NBKMB-FD J36
GM2018NBKMB-FF J36
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GM2018NPWBS-CH J36

Wiring Accessories Index






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| MD038BK | K20 |
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| MD046AB | K25 |
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| MD046CH | K25 |
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| MD047PW | K27 |

MD047RD K27
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MD047WHSS K27
MD070AB K30
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MD075AB K31
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MD075PW K31
MD075SB K31
MD075SC K31
MD075SS K31
MD075WH K31
MD150AB K36
MD150BK K36
MD150BN K36
MD150BR K36
MD150BS K36
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MD150SS K36
MD150WH K36
MD204PW K33
MD220BK K32
MD220PW K32
MD220WH K32
MD280 K26
MD281 K26
MD282 K26
MD9001 C15,D11,E8,F8-F9,G11,H11,J84,K37,M6
MD9010 C15,D11,E8,F8-F9,G11,H11,J84,K37,M6
MD9014 C15,D11,E8,F8-F9,G11,H11,J84,K37,M6
MD9102AB K38
MD9102BN K38
MD9102BR K38
MD9102CH K38
MD9102MB K38
MD9102PN K38
MD9125AB C13,D12,E9,F10,K38
MD9125BN C13,D12,E9,F10,K38
MD9125BR C13,D12,E9,F10,K38
MD9125CH C13,D12,E9,F10,K38
MD9125MB C13,D12,E9,F10,K38
MD9125PN C13,D12,E9,F10,K38
MI003 K23-K25
MM002BK L19
MM002WH L19
MM010BK L20
MM010WH L20
MM020BK L20
MM020WH L20
MM022BK L19
MM022WH L19
MM023BK L19
MM023WH L19
MM025BK L19
MM025WH L19
MM030BK L20
MM030WH L20
MM033BK L20
MM033WH L20
MM038BK L20
MM038WH L20
MM047BK L19
MM047WH L19
MM1001CW L21
MM1001WW L21
MM300BK L22
MM300GY L22
MM300WH L22
MM305BK L16,L22
MM305GY L16,L22
MM305WH L16,L22
MM405BK L16,L22
MM405GY L16,L22
MM405WH L16,L22
MM406BK L16,L22
MM406GY L16,L22
MM406WH L16,L22
MM410BK L16,L22
MM410GY L16,L22
MM410WH L16,L22
MM415BK L16,L22
MM415GY L16,L22
MM415WH L16,L22
MM420BK L17
MM420GY L17
MM420WH L17
MM425BK L17
MM425GY L17
MM425WH L17
MM430BK L17
MM430GY L17
MM430WH L17
MM440BK L17
MM440GY L17
MM440WH L17
MM450BK L16
MM450GY L16
MM450WH L16
MM460BK L18
MM460GY L18
MM460WH L18
MM465BK L18
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MM465WH L18
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MM490BK L21
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MM496BK L21-L22
MM496GY L21-L22
MM496WH L21-L22
MM501BK L21
MM501GY L21
MM501WH L21
MM515BK L20
MM515WH L20
MM550BK L21
MM550WH L21
MM550WHWH L21
MM586BK L20
MM586GY L20
MM586WH L20
MM602BK L23
MM602WH L23
MM620BK L23
MP508AB L5
MP508BR L5
MP508PN L5
MP508SB L5
MP510 L8
MP516AB L6
MP516BN L6
MP516BR L6
MP516BS L6
MP516CH L6
MP516PN L6
MP516SS L6
MP520 L8
MP521 L8
MP525 L8
MP526 L8







MP535 L8
MP536 L8
MP603CHBK D30,L7
MP603CHWH D30,L7
MP603MBBK D30,L7
MP603SBBK D30,L7
MP603SCBK D30,L7
MP603SCWH D30,L7
MP606CHBK D30,L7
MP606CHWH D30,L7
MP606MBBK D30,L7
MP606SCBK D30,L7
MP606SCWH D30,L7
MP608AB L5
MP608BN L5
MP608BR L5
MP608BS L5
MP608CH L5
MP608MBBK L5
MP608PN L5
MP608PW L5
MP608SB L5
MP608SC L5
MP608SS L5
MP616AB L6
MP616BN L6
MP616BR L6
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MP616CH L6
MP616MBBK L6
MP616PN L6
MP616PW L6
MP616SB L6
MP616SC L6
MP616SS L6

**O**

OA035AG N14,N16
OA036AG N14,N16
OA20021AG N12-N13
OA20022AG N12-N13
OA20401AG N13
OA20402AG N13
OA401AGU N12
OA402AGU N12
OA411AGU N12-N13
OA412AGU N12-N13
OA501AG N15
OA502AG N15
OA652AG N17
OA652T N17
OA835T N14,N16
OA840T N14,N16
OARCDP036 N16

**P**

PA040 N41
PA041A N41
PA042A N41
PA165 N46
PA166 N46
PA167 N46
PA175 N46
PA176 N46
PA177 N46
PA301 N46
PA302 N46
PA303 N46
PA310 N46
PA311 N46
PA312 N46
PA320 N46
PA321 N46
PA322 N46
PA330 N46
PA331 N46
PA332 N46
PA340TR N46
PA380RD G18,N46
PA380WH G18,N46
PRC001 N38-N40,O10
PRC003 N40
PRC004 N40
PRC005 N40
PRC006 N39
PRC007 N39
PRC008 N39
PRC009 G28,H20,N37-N38
PRC011 N40
PRC012 N40
PRC015 N39
PRC016 N39
PRC017 N39
PRC020 N40
PRC029 N38-N40,O10
PRC031 N38-N40,O10
PRC033 N38-N40,O10
PRC038 N38-N40,O10
PRC1015 N39
PRC1031 N39
PRC1033 N39
PRC1440 N38-N40,O10
PRC1440RD N38-N40,O10
PRC210 G28,H20,N37-N38
PRC210AG I16
PRC216 G28,H20,N37-N38
PRC216AG I16
PRW010 H5
PRW011 H5
PRW012 H5
PRW013 H5
PRW015 H6
PRW017 H22
PRW019 H5
PRW020 H17
PRW021 H17
PRW022 H17
PRW023 H17
PRW024 H17
PRW025 H6
PRW030 H14
PRW030EX H14
PRW032 H14
PRW034 H13
PRW035 H14
PRW036 H14
PRW037 H14
PRW038 H13
PRW039 H13
PRW040 H17
PRW042 H17
PRW049 H16
PRW050 H16
PRW051 H16
PRW052 H16
PRW053 H16
PRW060 H22
PRW061 H22
PRW065 H25
PRW066 H25
PRW080 H27
PRW081 H27
PRW082 H27
PRW083 H27
PRW084 H27
PRW085 H27
PRW086 H27
PRW089 H27
PRW090 H22
PRW091 H27
PRW100 H22
PRW1035 H14
PRW1036 H14
PRW1037 H14
PRW105 H5
PRW115 H24
PRW119 H24
PRW122 H24
PRW124 H24
PRW127 H24
PRW145PL H11
PRW146PL H11
PRW147PL H11
PRW148PL H11
PRW156 H25
PRW157 H25
PRW158 H25
PRW159 H25
PRW161 H10
PRW162 H10
PRW163 H10
PRW1635 H14
PRW164 H10
PRW170 H25
PRW171 H6
PRW172 H6
PRW175 H27
PRW176 H27
PRW200 H18
PRW201 H18
PRW202 H18
PRW203 H18
PRW204 H18

| | |
|---|---|
| PRW20401 | J134 |
| PRW20402 | J134 |
| PRW20403 | J134 |
| PRW20404 | J134 |
| PRW205 | H18 |
| PRW20506 | J135 |
| PRW20508 | J135 |
| PRW20509 | J136 |
| PRW20512 | J136 |
| PRW20518 | J137 |
| PRW20524 | J138 |
| PRW208 | G28,H20,N37-N38 |
| PRW208AG | I16 |
| PRW210 | G28,H20,N37-N38 |
| PRW210AG | I16 |
| PRW210RD | I16 |
| PRW211 | G28,H20,N37-N38 |
| PRW211AG | I16 |
| PRW211RD | I16 |
| PRW213 | G28,H20,N37-N38 |
| PRW213AG | I16 |
| PRW213RD | I16 |
| PRW215 | H21,N44 |
| PRW217 | G29,H21,N44 |
| PRW218 | G29,H21,N44 |
| PRW230 | H27 |
| PRW235 | H27 |
| PRW240 | H27 |
| PRW245 | H27 |
| PRW290 | H16 |
| PRW291 | H16 |
| PRW310 | H26,L13 |
| PRW311 | H26,L13 |
| PRW31102 | J134 |
| PRW312 | H26,L13 |
| PRW401 | H7,K14 |
| PRW402 | H7,K14 |
| PRW403 | H7,K14 |
| PRW404 | H7,K14 |
| PRW406 | H7,K14 |
| PRW426 | H7,K14 |
| PRW432 | H7,K14 |
| PRW500 | H19 |
| PRW501 | H19 |
| PRW502 | H19 |
| PRW503 | H19 |
| PRW504 | H19 |
| PRW505 | H19 |
| PRW605 | H14 |
| PRW606 | H14 |
| PRW612 | H8,K5 |
| PRW618 | H8,K6 |
| PRW630 | H14 |
| PRW635 | H14 |
| PRW660 | H17 |
| PRW675 | H13 |
| PRW770 | H15 |
| PRW771U | H15 |
| PRW780 | H15 |
| PRW785 | H15 |
| PRW786 | H15 |
| PRW811 | H5 |
| PRW812 | H5 |
| PRW813 | H5 |

**R**

| | |
|---|---|
| RECEB3MSSP | A28,A49 |

**S**

| | |
|---|---|
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| SCP060CH | F62 |
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| SCP060MW | F62 |
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| SCP061BK | F62 |
| SCP061BS | F62 |
| SCP061CH | F62 |
| SCP061MB | F62 |
| SCP061MW | F62 |
| SCP061PW | F62 |
| SCP061SS | F62 |
| SCP100BK | F50 |
| SCP100BS | F50 |
| SCP100CH | F50 |
| SCP100MB | F50 |
| SCP100MW | F50 |
| SCP100PW | F50 |
| SCP100SS | F50 |
| SCP115BK | F62 |
| SCP115BS | F62 |
| SCP115CH | F62 |
| SCP115MB | F62 |
| SCP115MW | F62 |
| SCP115PW | F62 |
| SCP115SS | F62 |
| SCP120BK | F63 |
| SCP120BS | F63 |
| SCP120CH | F63 |
| SCP120MB | F63 |
| SCP120MW | F63 |
| SCP120PW | F63 |
| SCP120SS | F63 |
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| SCP121BS | F63 |
| SCP121CH | F63 |
| SCP121MB | F63 |
| SCP121MW | F63 |
| SCP121PW | F63 |
| SCP121SS | F63 |
| SCP150BK | F56 |
| SCP150BS | F56 |
| SCP150CH | F56 |
| SCP150MB | F56 |
| SCP150MW | F56 |
| SCP150PW | F56 |
| SCP150SS | F56 |
| SCP151BK | F56 |
| SCP151BS | F56 |
| SCP151CH | F56 |
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| SCP151MW | F56 |
| SCP151PW | F56 |
| SCP151SS | F56 |
| SCP152BK | F56 |
| SCP152BS | F56 |
| SCP152CH | F56 |
| SCP152MB | F56 |
| SCP152MW | F56 |
| SCP152PW | F56 |
| SCP152SS | F56 |
| SCP153BK | F56 |
| SCP153BS | F56 |
| SCP153CH | F56 |
| SCP153MB | F56 |
| SCP153MW | F56 |
| SCP153PW | F56 |
| SCP153SS | F56 |
| SCP200BK | F60 |
| SCP200BS | F60 |
| SCP200CH | F60 |
| SCP200MB | F60 |
| SCP200MW | F60 |
| SCP200PW | F60 |
| SCP200SS | F60 |
| SCP201BK | F60 |
| SCP201BS | F60 |
| SCP201CH | F60 |
| SCP201MB | F60 |
| SCP201MW | F60 |
| SCP201PW | F60 |
| SCP201SS | F60 |
| SCP202BK | F61 |
| SCP202BS | F61 |
| SCP202CH | F61 |
| SCP202MB | F61 |
| SCP202MW | F61 |
| SCP202PW | F61 |
| SCP202SS | F61 |
| SCP203BK | F61 |
| SCP203BS | F61 |
| SCP203CH | F61 |
| SCP203MB | F61 |
| SCP203MW | F61 |
| SCP203PW | F61 |
| SCP203SS | F61 |
| SCP20401AB | F38,J98 |
| SCP20401BK | F38,J98 |
| SCP20401BS | F38,J98 |
| SCP20401CH | F38,J98 |
| SCP20401MB | F38,J98 |
| SCP20401MW | F38,J98 |
| SCP20401PW | F38,J98 |
| SCP20401SS | F38,J98 |
| SCP20402AB | F38,J98 |
| SCP20402BK | F38,J98 |
| SCP20402BS | F38,J98 |
| SCP20402CH | F38,J98 |
| SCP20402MB | F38,J98 |
| SCP20402MW | F38,J98 |
| SCP20402PW | F38,J98 |
| SCP20402SS | F38,J98 |
| SCP20403AB | F39,J99 |
| SCP20403BK | F39,J99 |
| SCP20403BS | F39,J99 |
| SCP20403CH | F39,J99 |
| SCP20403MB | F39,J99 |
| SCP20403MW | F39,J99 |
| SCP20403PW | F39,J99 |
| SCP20403SS | F39,J99 |
| SCP20404AB | F39,J99 |
| SCP20404BK | F39,J99 |
| SCP20404BS | F39,J99 |
| SCP20404CH | F39,J99 |
| SCP20404MB | F39,J99 |
| SCP20404MW | F39,J99 |
| SCP20404PW | F39,J99 |
| SCP20404SS | F39,J99 |
| SCP204BK | F61 |
| SCP204BS | F61 |
| SCP204CH | F61 |
| SCP204MB | F61 |
| SCP204MW | F61 |
| SCP204PW | F61 |
| SCP204SS | F61 |
| SCP20506AB | F41,J101 |
| SCP20506BK | F41,J101 |
| SCP20506BS | F41,J101 |
| SCP20506CH | F41,J101 |
| SCP20506MB | F41,J101 |
| SCP20506MW | F41,J101 |
| SCP20506PW | F41,J101 |
| SCP20506SS | F41,J101 |
| SCP20508AB | F41,J101 |
| SCP20508BK | F41,J101 |
| SCP20508BS | F41,J101 |
| SCP20508CH | F41,J101 |
| SCP20508MB | F41,J101 |
| SCP20508MW | F41,J101 |
| SCP20508PW | F41,J101 |
| SCP20508SS | F41,J101 |
| SCP205BK | F61 |
| SCP205BS | F61 |
| SCP205CH | F61 |
| SCP205MB | F61 |
| SCP205MW | F61 |
| SCP205PW | F61 |
| SCP205SS | F61 |
| SCP221BK | F46 |
| SCP221BS | F46 |
| SCP221CH | F46 |
| SCP221MB | F46 |
| SCP221MW | F46 |
| SCP221PW | F46 |
| SCP221SS | F46 |
| SCP222BK | F47 |
| SCP222BS | F47 |
| SCP222CH | F47 |
| SCP222MB | F47 |
| SCP222MW | F47 |
| SCP222PW | F47 |
| SCP222SS | F47 |
| SCP223BK | F47 |
| SCP223BS | F47 |
| SCP223CH | F47 |
| SCP223MB | F47 |
| SCP223MW | F47 |
| SCP223PW | F47 |
| SCP223SS | F47 |
| SCP224BK | F47 |
| SCP224BS | F47 |
| SCP224CH | F47 |
| SCP224MB | F47 |
| SCP224MW | F47 |
| SCP224PW | F47 |
| SCP224SS | F47 |
| SCP231BK | F64 |
| SCP231BS | F64 |
| SCP231CH | F64 |
| SCP231MB | F64 |
| SCP231MW | F64 |
| SCP231PW | F64 |
| SCP231SS | F64 |
| SCP232BK | F65 |
| SCP232BS | F65 |
| SCP232CH | F65 |
| SCP232MB | F65 |
| SCP232MW | F65 |
| SCP232PW | F65 |
| SCP232SS | F65 |
| SCP234BK | F51 |
| SCP234BS | F51 |
| SCP234CH | F51 |
| SCP234MB | F51 |
| SCP234MW | F51 |
| SCP234PW | F51 |
| SCP234SS | F51 |
| SCP238BK | F51 |
| SCP238BS | F51 |
| SCP238CH | F51 |
| SCP238MB | F51 |
| SCP238MW | F51 |
| SCP238PW | F51 |
| SCP238SS | F51 |
| SCP239BK | F51 |
| SCP239BS | F51 |
| SCP239CH | F51 |
| SCP239MB | F51 |
| SCP239MW | F51 |
| SCP239PW | F51 |
| SCP239SS | F51 |
| SCP241BK | F45 |
| SCP241BKCH | F45 |
| SCP241BS | F45 |
| SCP241CH | F45 |
| SCP241MB | F45 |
| SCP241MW | F45 |
| SCP241PW | F45 |
| SCP241SS | F45 |
| SCP242BK | F45 |
| SCP242BKCH | F45 |
| SCP242BS | F45 |
| SCP242CH | F45 |
| SCP242MB | F45 |
| SCP242MW | F45 |
| SCP242PW | F45 |
| SCP242SS | F45 |
| SCP243BK | F45 |
| SCP243BKCH | F45 |
| SCP243BS | F45 |
| SCP243CH | F45 |
| SCP243MB | F45 |
| SCP243MW | F45 |
| SCP243PW | F45 |
| SCP243SS | F45 |
| SCP244BK | F45 |
| SCP244BKCH | F45 |
| SCP244BS | F45 |
| SCP244CH | F45 |
| SCP244MB | F45 |
| SCP244MW | F45 |
| SCP244PW | F45 |
| SCP244SS | F45 |
| SCP250BK | F57 |
| SCP250BS | F57 |
| SCP250CH | F57 |
| SCP250MB | F57 |
| SCP250MW | F57 |
| SCP250PW | F57 |
| SCP250SS | F57 |
| SCP251BK | F57 |
| SCP251BS | F57 |
| SCP251CH | F57 |
| SCP251MB | F57 |
| SCP251MW | F57 |
| SCP251PW | F57 |
| SCP251SS | F57 |
| SCP252BK | F57 |
| SCP252BS | F57 |
| SCP252CH | F57 |
| SCP252MB | F57 |
| SCP252MW | F57 |
| SCP252PW | F57 |
| SCP252SS | F57 |
| SCP253BK | F57 |
| SCP253BS | F57 |
| SCP253CH | F57 |
| SCP253MB | F57 |
| SCP253MW | F57 |
| SCP253PW | F57 |
| SCP253SS | F57 |
| SCP310AB | F66,L12 |
| SCP310BK | F66,L12 |
| SCP310BS | F66,L12 |
| SCP310CH | F66,L12 |
| SCP310MB | F66,L12 |
| SCP310MW | F66,L12 |
| SCP310PW | F66,L12 |
| SCP310SS | F66,L12 |
| SCP31102AB | F40,J100 |
| SCP31102BK | F40,J100 |
| SCP31102BS | F40,J100 |
| SCP31102CH | F40,J100 |
| SCP31102MB | F40,J100 |
| SCP31102MW | F40,J100 |


Wiring Accessories Index

Wiring Accessories Index


| | |
|---|---|
| SCP31102PW | F40,J100 |
| SCP31102SS | F40,J100 |
| SCP311AB | F66,L12 |
| SCP311BK | F66,L12 |
| SCP311BS | F66,L12 |
| SCP311CH | F66,L12 |
| SCP311MB | F66,L12 |
| SCP311MW | F66,L12 |
| SCP311PW | F66,L12 |
| SCP311SS | F66,L12 |
| SCP312AB | F66,L12 |
| SCP312BK | F66,L12 |
| SCP312BS | F66,L12 |
| SCP312CH | F66,L12 |
| SCP312MB | F66,L12 |
| SCP312MW | F66,L12 |
| SCP312PW | F66,L12 |
| SCP312SS | F66,L12 |
| SCP322BK | F48 |
| SCP322BS | F48 |
| SCP322CH | F48 |
| SCP322MB | F48 |
| SCP322MW | F48 |
| SCP322PW | F48 |
| SCP322SS | F48 |
| SCP323BK | F48 |
| SCP323BS | F48 |
| SCP323CH | F48 |
| SCP323MB | F48 |
| SCP323MW | F48 |
| SCP323PW | F48 |
| SCP323SS | F48 |
| SCP324BK | F49 |
| SCP324BS | F49 |
| SCP324CH | F49 |
| SCP324MB | F49 |
| SCP324MW | F49 |
| SCP324PW | F49 |
| SCP324SS | F49 |
| SCP350BK | F58,F60 |
| SCP350BS | F58,F60 |
| SCP350CH | F58,F60 |
| SCP350MB | F58,F60 |
| SCP350MW | F58,F60 |
| SCP350PW | F58,F60 |
| SCP350RD | F58,F60 |
| SCP350SS | F58,F60 |
| SCP351BK | F58,F60 |
| SCP351BS | F58,F60 |
| SCP351CH | F58,F60 |
| SCP351MB | F58,F60 |
| SCP351MW | F58,F60 |
| SCP351PW | F58,F60 |
| SCP351RD | F58,F60 |
| SCP351SS | F58,F60 |
| SCP352BK | F58 |
| SCP352BS | F58 |
| SCP352CH | F58 |
| SCP352MB | F58 |
| SCP352MW | F58 |
| SCP352PW | F58 |
| SCP352SS | F58 |
| SCP353BK | F58 |
| SCP353BS | F58 |
| SCP353CH | F58 |
| SCP353MB | F58 |
| SCP353MW | F58 |
| SCP353PW | F58 |
| SCP353SS | F58 |
| SCP401AB | F36-F37,F42-F43,F49,K12 |
| SCP401BK | F36-F37,F42-F43,F49,K12 |
| SCP401BS | F36-F37,F42-F43,F49,K12 |
| SCP401CH | F36-F37,F42-F43,F49,K12 |
| SCP401MB | F36-F37,F42-F43,F49,K12 |
| SCP401MW | F36-F37,F42-F43,F49,K12 |
| SCP401PW | F36-F37,F42-F43,F49,K12 |
| SCP401RD | F36-F37,F42-F43,F49,K12 |
| SCP401SS | F36-F37,F42-F43,F49,K12 |
| SCP402AB | F36-F37,F42-F43,F49,K12 |
| SCP402BK | F36-F37,F42-F43,F49,K12 |
| SCP402BS | F36-F37,F42-F43,F49,K12 |
| SCP402CH | F36-F37,F42-F43,F49,K12 |
| SCP402MB | F36-F37,F42-F43,F49,K12 |
| SCP402MW | F36-F37,F42-F43,F49,K12 |
| SCP402PW | F36-F37,F42-F43,F49,K12 |
| SCP402RD | F36-F37,F42-F43,F49,K12 |
| SCP402SS | F36-F37,F42-F43,F49,K12 |
| SCP403AB | F36-F37,F42-F43,F49,K12 |
| SCP403BK | F36-F37,F42-F43,F49,K12 |
| SCP403BS | F36-F37,F42-F43,F49,K12 |
| SCP403CH | F36-F37,F42-F43,F49,K12 |
| SCP403MB | F36-F37,F42-F43,F49,K12 |
| SCP403MW | F36-F37,F42-F43,F49,K12 |
| SCP403PW | F36-F37,F42-F43,F49,K12 |
| SCP403RD | F36-F37,F42-F43,F49,K12 |
| SCP403SS | F36-F37,F42-F43,F49,K12 |
| SCP404AB | F36-F37,F42-F43,F49,K12 |
| SCP404BK | F36-F37,F42-F43,F49,K12 |
| SCP404BS | F36-F37,F42-F43,F49,K12 |
| SCP404CH | F36-F37,F42-F43,F49,K12 |
| SCP404MB | F36-F37,F42-F43,F49,K12 |
| SCP404MW | F36-F37,F42-F43,F49,K12 |
| SCP404PW | F36-F37,F42-F43,F49,K12 |
| SCP404SS | F36-F37,F42-F43,F49,K12 |
| SCP406AB | F36-F37,F42-F43,F49,K12 |
| SCP406BK | F36-F37,F42-F43,F49,K12 |
| SCP406BS | F36-F37,F42-F43,F49,K12 |
| SCP406CH | F36-F37,F42-F43,F49,K12 |
| SCP406MB | F36-F37,F42-F43,F49,K12 |
| SCP406MW | F36-F37,F42-F43,F49,K12 |
| SCP406PW | F36-F37,F42-F43,F49,K12 |
| SCP406SS | F36-F37,F42-F43,F49,K12 |
| SCP422BK | F48 |
| SCP422BS | F48 |
| SCP422CH | F48 |
| SCP422MB | F48 |
| SCP422MW | F48 |
| SCP422PW | F48 |
| SCP422SS | F48 |
| SCP423BK | F48 |
| SCP423BS | F48 |
| SCP423CH | F48 |
| SCP423MB | F48 |
| SCP423MW | F48 |
| SCP423PW | F48 |
| SCP423SS | F48 |
| SCP426AB | F36-F37,F42-F43,F49,K12 |
| SCP426BK | F36-F37,F42-F43,F49,K12 |
| SCP426BS | F36-F37,F42-F43,F49,K12 |
| SCP426CH | F36-F37,F42-F43,F49,K12 |
| SCP426MB | F36-F37,F42-F43,F49,K12 |
| SCP426MW | F36-F37,F42-F43,F49,K12 |
| SCP426PW | F36-F37,F42-F43,F49,K12 |
| SCP426SS | F36-F37,F42-F43,F49,K12 |
| SCP430BK | F50 |
| SCP430BS | F50 |
| SCP430CH | F50 |
| SCP430MB | F50 |
| SCP430MW | F50 |
| SCP430PW | F50 |
| SCP430SS | F50 |
| SCP435BK | F52-F54 |
| SCP435BS | F52-F54 |
| SCP435CH | F52-F54 |
| SCP435MB | F52-F54 |
| SCP435MW | F52-F54 |
| SCP435PW | F52-F54 |
| SCP435SS | F52-F54 |
| SCP436BK | F52-F53 |
| SCP436BS | F52-F53 |
| SCP436CH | F52-F53 |
| SCP436MB | F52-F53 |
| SCP436MW | F52-F53 |
| SCP436PW | F52-F53 |
| SCP436RD | F52-F53 |
| SCP436SS | F52-F53 |
| SCP450BK | F59 |
| SCP450BS | F59 |
| SCP450CH | F59 |
| SCP450MB | F59 |
| SCP450MW | F59 |
| SCP450PW | F59 |
| SCP450SS | F59 |
| SCP451BK | F59 |
| SCP451BS | F59 |
| SCP451CH | F59 |
| SCP451MB | F59 |
| SCP451MW | F59 |
| SCP451PW | F59 |
| SCP451SS | F59 |
| SCP452BK | F59 |
| SCP452BS | F59 |
| SCP452CH | F59 |
| SCP452MB | F59 |
| SCP452MW | F59 |
| SCP452PW | F59 |
| SCP452SS | F59 |
| SCP453BK | F59 |
| SCP453BS | F59 |
| SCP453CH | F59 |
| SCP453MB | F59 |
| SCP453MW | F59 |
| SCP453PW | F59 |
| SCP453SS | F59 |
| SCP470BK | F55 |
| SCP470BS | F55 |
| SCP470CH | F55 |
| SCP470MB | F55 |
| SCP470MW | F55 |
| SCP470PW | F55 |
| SCP470SS | F55 |
| SCP471UBK | F54 |
| SCP471UBS | F54 |
| SCP471UCH | F54 |
| SCP471UMB | F54 |
| SCP471UMW | F54 |
| SCP471UPW | F54 |
| SCP471USS | F54 |
| SCP480BK | F55 |
| SCP480BS | F55 |
| SCP480CH | F55 |
| SCP480MB | F55 |
| SCP480MW | F55 |
| SCP480PW | F55 |
| SCP480SS | F55 |
| SCP486BK | F55 |
| SCP486BS | F55 |
| SCP486CH | F55 |
| SCP486MB | F55 |
| SCP486MW | F55 |
| SCP486PW | F55 |
| SCP486SS | F55 |
| SCP655BK | F50 |
| SCP655BS | F50 |
| SCP655CH | F50 |
| SCP655MB | F50 |
| SCP655MW | F50 |
| SCP655PW | F50 |
| SCP655SS | F50 |
| SCP660BK | F49 |
| SCP660BS | F49 |
| SCP660CH | F49 |
| SCP660MB | F49 |
| SCP660MW | F49 |
| SCP660PW | F49 |
| SCP660SS | F49 |
| SCP835BK | F52-F54 |
| SCP835BS | F52-F54 |
| SCP835CH | F52-F54 |
| SCP835MB | F52-F54 |
| SCP835MW | F52-F54 |
| SCP835PW | F52-F54 |
| SCP835SS | F52-F54 |
| SCP840BK | F54 |
| SCP840BS | F54 |
| SCP840CH | F54 |
| SCP840MB | F54 |
| SCP840MW | F54 |
| SCP840PW | F54 |
| SCP840SS | F54 |
| SFAB038BK | F26 |
| SFAB060 | F27 |
| SFAB061 | F27 |
| SFAB065BK | F29 |
| SFAB066BK | F29 |
| SFAB100BK | F27 |
| SFAB115BK | F30 |
| SFAB120BK | F30 |
| SFAB121BK | F30 |
| SFAB125BK | F30 |
| SFAB126BK | F30 |
| SFAB141PL | F8 |
| SFAB142PL | F8 |
| SFAB143PL | F8 |
| SFAB144PL | F8 |
| SFAB1535BK | F15 |
| SFAB1536BK | F15 |
| SFAB156BK | F29 |
| SFAB157BK | F29 |
| SFAB158BK | F29 |
| SFAB159BK | F29 |
| SFAB161 | F9 |
| SFAB162 | F9 |
| SFAB163 | F9 |
| SFAB164 | F9 |
| SFAB170BK | F29 |
| SFAB1836BK | F15 |
| SFAB411BK | F7 |
| SFAB412BK | F7 |
| SFAB413BK | F7 |
| SFAB414BK | F7 |
| SFAB416BK | F7 |
| SFAB421 | F10 |
| SFAB422 | F10 |
| SFAB423 | F10 |
| SFAB424 | F10 |
| SFAB425BK | F7 |
| SFAB500BK | F23 |
| SFAB501BK | F23 |
| SFAB502BK | F23 |
| SFAB503BK | F23 |
| SFAB504BK | F23 |
| SFAB505BK | F23 |
| SFAB520BK | F25 |
| SFAB522BK | F25 |
| SFAB523BK | F25 |
| SFAB535BK | F14 |
| SFAB536BK | F14 |
| SFAB550BK | F19 |
| SFAB551BK | F19 |
| SFAB552BK | F19 |
| SFAB553BK | F19 |
| SFAB571UBK | F16 |
| SFAB580BK | F16-F17 |
| SFAB585BK | F16-F17 |
| SFAB586BK | F16-F17 |
| SFAB655BK | F17 |
| SFAB660 | F17 |
| SFAB722BK | F25 |
| SFAB723BK | F25 |
| SFAB750BK | F19 |
| SFAB751BK | F19 |
| SFAB752BK | F19 |
| SFAB753BK | F19 |
| SFBK011BK | F6 |

SFBK012BK F6
SFBK013BK F6
SFBK019BK F6
SFBK020BK F24
SFBK022BK F24
SFBK023BK F24
SFBK024BK F27
SFBK025BK F6
SFBK034BK F26
SFBK035BK F14
SFBK036BK F14
SFBK038BK F26
SFBK039BK F26
SFBK050BK F18
SFBK051BK F18
SFBK052BK F18
SFBK053BK F18
SFBK060 F27
SFBK061 F27
SFBK065BK F29
SFBK066BK F29
SFBK100BK F27
SFBK1035BK F15
SFBK1036BK F15
SFBK105BK F6
SFBK115BK F30
SFBK120BK F30
SFBK121BK F30
SFBK125BK F30
SFBK126BK F30
SFBK141PL F8
SFBK142PL F8
SFBK143PL F8
SFBK144PL F8
SFBK156BK F29
SFBK157BK F29
SFBK158BK F29
SFBK159BK F29
SFBK161 F9
SFBK162 F9
SFBK163 F9
SFBK164 F9
SFBK170BK F29
SFBK1836BK F15
SFBK1840BK F15
SFBK200BK F22
SFBK201BK F22
SFBK202BK F22
SFBK203BK F22
SFBK204BK F22
SFBK205BK F22
SFBK250BK F20
SFBK251BK F20
SFBK252BK F20
SFBK253BK F20
SFBK30035BK B26
SFBK30036BK B26
SFBK622BK F24
SFBK623BK F24
SFBK630BK F14
SFBK650BK F18
SFBK651BK F18
SFBK652BK F18
SFBK653BK F18
SFBK655BK F17
SFBK660 F17
SFBK771UBK F16
SFBK780BK F16-F17
SFBK785BK F16-F17
SFBK786BK F16-F17
SFBK850BK F21
SFBK851BK F21
SFBK852BK F21
SFBK853BK F21
SFBS038BK F26
SFBS038GY F26
SFBS038PW F26
SFBS060 F27
SFBS061 F27
SFBS065BK F29
SFBS065PW F29
SFBS066BK F29
SFBS066PW F29
SFBS100BK F27
SFBS100GY F27
SFBS100PW F27
SFBS115BK F30
SFBS115PW F30
SFBS120BK F30
SFBS120PW F30
SFBS121BK F30
SFBS121PW F30
SFBS125BK F30
SFBS125PW F30
SFBS126BK F30
SFBS126PW F30
SFBS141PL F8
SFBS142PL F8
SFBS143PL F8
SFBS144PL F8
SFBS1535BK F15
SFBS1535PW F15
SFBS1536BK F15
SFBS1536PW F15
SFBS156BK F29
SFBS156PW F29
SFBS157BK F29
SFBS157PW F29
SFBS158BK F29
SFBS158PW F29
SFBS159BK F29
SFBS159PW F29
SFBS161 F9
SFBS162 F9
SFBS163 F9
SFBS164 F9
SFBS170BK F29
SFBS170PW F29
SFBS1836BK F15
SFBS1836PW F15
SFBS30035BK B26
SFBS30035GY B26
SFBS30035PW B26
SFBS30036BK B26
SFBS30036GY B26
SFBS30036PW B26
SFBS411BK F7
SFBS411GY F7
SFBS411PW F7
SFBS412BK F7
SFBS412GY F7
SFBS412PW F7
SFBS413BK F7
SFBS413GY F7
SFBS413PW F7
SFBS414BK F7
SFBS414GY F7
SFBS414PW F7
SFBS416BK F7
SFBS416GY F7
SFBS416PW F7
SFBS421 F10
SFBS422 F10
SFBS423 F10
SFBS424 F10
SFBS425BK F7
SFBS425GY F7
SFBS425PW F7
SFBS500BK F23
SFBS500GY F23
SFBS500PW F23
SFBS501BK F23
SFBS501GY F23
SFBS501PW F23
SFBS502BK F23
SFBS502GY F23
SFBS502PW F23
SFBS503BK F23
SFBS503GY F23
SFBS503PW F23
SFBS504BK F23
SFBS504GY F23
SFBS504PW F23
SFBS505BK F23
SFBS505GY F23
SFBS505PW F23
SFBS520BK F25
SFBS520GY F25
SFBS520PW F25
SFBS522BK F25
SFBS522GY F25
SFBS522PW F25
SFBS523BK F25
SFBS523GY F25
SFBS523PW F25
SFBS535BK F14
SFBS535GY F14
SFBS535PW F14
SFBS536BK F14
SFBS536GY F14
SFBS536PW F14
SFBS550BK F19
SFBS550GY F19
SFBS550PW F19
SFBS551BK F19
SFBS551GY F19
SFBS551PW F19
SFBS552BK F19
SFBS552GY F19
SFBS552PW F19
SFBS553BK F19
SFBS553GY F19
SFBS553PW F19
SFBS571UBK F16
SFBS571UGY F16
SFBS571UPW F16
SFBS580BK F16-F17
SFBS580GY F16-F17
SFBS580PW F16-F17
SFBS585BK F16-F17
SFBS585GY F16-F17
SFBS585PW F16-F17
SFBS586BK F16-F17
SFBS586GY F16-F17
SFBS586PW F16-F17
SFBS655BK F17
SFBS655GY F17
SFBS655PW F17
SFBS660 F17
SFBS722BK F25
SFBS722GY F25
SFBS722PW F25
SFBS723BK F25
SFBS723GY F25
SFBS723PW F25
SFBS750BK F19
SFBS750GY F19
SFBS750PW F19
SFBS751BK F19
SFBS751GY F19
SFBS751PW F19
SFBS752BK F19
SFBS752GY F19
SFBS752PW F19
SFBS753BK F19
SFBS753GY F19
SFBS753PW F19
SFCH038BK F26
SFCH038PW F26
SFCH060 F27
SFCH061 F27
SFCH065BK F29
SFCH065PW F29
SFCH066BK F29
SFCH066PW F29
SFCH100BK F27
SFCH100PW F27
SFCH115BK F30
SFCH115PW F30
SFCH120BK F30
SFCH120PW F30
SFCH121BK F30
SFCH121PW F30
SFCH125BK F30
SFCH125PW F30
SFCH126BK F30
SFCH126PW F30
SFCH141PL F8
SFCH142PL F8
SFCH143PL F8
SFCH144PL F8
SFCH1535BK F15
SFCH1535PW F15
SFCH1536BK F15
SFCH1536PW F15
SFCH156BK F29
SFCH156PW F29
SFCH157BK F29
SFCH157PW F29
SFCH158BK F29
SFCH158PW F29
SFCH159BK F29
SFCH159PW F29
SFCH161 F9
SFCH162 F9
SFCH163 F9
SFCH164 F9
SFCH170BK F29
SFCH170PW F29
SFCH1836BK F15
SFCH1836PW F15
SFCH30035BK B26
SFCH30035PW B26
SFCH30036BK B26
SFCH30036PW B26
SFCH411BK F7
SFCH411PW F7
SFCH412BK F7
SFCH412PW F7
SFCH413BK F7
SFCH413PW F7
SFCH414BK F7
SFCH414PW F7
SFCH416BK F7
SFCH416PW F7
SFCH421 F10
SFCH422 F10
SFCH423 F10
SFCH424 F10
SFCH425BK F7
SFCH425PW F7
SFCH500BK F23
SFCH500PW F23
SFCH501BK F23
SFCH501PW F23
SFCH502BK F23
SFCH502PW F23
SFCH503BK F23
SFCH503PW F23
SFCH504BK F23
SFCH504PW F23
SFCH505BK F23
SFCH505PW F23
SFCH520BK F25
SFCH520PW F25
SFCH522BK F25
SFCH522PW F25
SFCH523BK F25
SFCH523PW F25
SFCH535BK F14
SFCH535PW F14
SFCH536BK F14
SFCH536PW F14
SFCH550BK F19
SFCH550PW F19
SFCH551BK F19
SFCH551PW F19
SFCH552BK F19
SFCH552PW F19
SFCH553BK F19
SFCH553PW F19
SFCH571UBK F16
SFCH571UPW F16
SFCH580BK F16-F17
SFCH580PW F16-F17
SFCH585BK F16-F17
SFCH585PW F16-F17
SFCH586BK F16-F17
SFCH586PW F16-F17
SFCH655BK F17
SFCH655PW F17
SFCH660 F17
SFCH722BK F25
SFCH722PW F25
SFCH723BK F25
SFCH723PW F25
SFCH750BK F19
SFCH750PW F19
SFCH751BK F19
SFCH751PW F19
SFCH752BK F19
SFCH752PW F19
SFCH753BK F19
SFCH753PW F19
SFMB011BK F6
SFMB012BK F6
SFMB013BK F6
SFMB019BK F6
SFMB020BK F24
SFMB022BK F24
SFMB023BK F24
SFMB024BK F27
SFMB025BK F6
SFMB034BK F26
SFMB035BK F14
SFMB036BK F14
SFMB038BK F26
SFMB039BK F26
SFMB050BK F18
SFMB051BK F18
SFMB052BK F18
SFMB053BK F18
SFMB060 F27
SFMB061 F27
SFMB065BK F29
SFMB066BK F29


Wiring Accessories Index

| | |
|---|---|
| SFMB100BK | F27 |
| SFMB1035BK | F15 |
| SFMB1036BK | F15 |
| SFMB105BK | F6 |
| SFMB115BK | F30 |
| SFMB120BK | F30 |
| SFMB121BK | F30 |
| SFMB125BK | F30 |
| SFMB126BK | F30 |
| SFMB141PL | F8 |
| SFMB142PL | F8 |
| SFMB143PL | F8 |
| SFMB144PL | F8 |
| SFMB156BK | F29 |
| SFMB157BK | F29 |
| SFMB158BK | F29 |
| SFMB159BK | F29 |
| SFMB161 | F9 |
| SFMB162 | F9 |
| SFMB163 | F9 |
| SFMB164 | F9 |
| SFMB170BK | F29 |
| SFMB1836BK | F15 |
| SFMB1840BK | F15 |
| SFMB200BK | F22 |
| SFMB201BK | F22 |
| SFMB202BK | F22 |
| SFMB203BK | F22 |
| SFMB204BK | F22 |
| SFMB205BK | F22 |
| SFMB250BK | F20 |
| SFMB251BK | F20 |
| SFMB252BK | F20 |
| SFMB253BK | F20 |
| SFMB30035BK | B26 |
| SFMB30036BK | B26 |
| SFMB622BK | F24 |
| SFMB623BK | F24 |
| SFMB630BK | F14 |
| SFMB650BK | F18 |
| SFMB651BK | F18 |
| SFMB652BK | F18 |
| SFMB653BK | F18 |
| SFMB655BK | F17 |
| SFMB660 | F17 |
| SFMB771UBK | F16 |
| SFMB780BK | F16-F17 |
| SFMB785BK | F16-F17 |
| SFMB786BK | F16-F17 |
| SFMB850BK | F21 |
| SFMB851BK | F21 |
| SFMB852BK | F21 |
| SFMB853BK | F21 |
| SFMW011PW | F6 |
| SFMW012PW | F6 |
| SFMW013PW | F6 |
| SFMW019PW | F6 |
| SFMW020PW | F24 |
| SFMW022PW | F24 |
| SFMW023PW | F24 |
| SFMW024PW | F27 |
| SFMW025PW | F6 |
| SFMW034PW | F26 |
| SFMW035PW | F14 |
| SFMW036PW | F14 |
| SFMW038PW | F26 |
| SFMW039PW | F26 |
| SFMW050PW | F18 |
| SFMW051PW | F18 |
| SFMW052PW | F18 |
| SFMW053PW | F18 |
| SFMW060 | F27 |
| SFMW061 | F27 |
| SFMW065PW | F29 |
| SFMW066PW | F29 |
| SFMW100PW | F27 |
| SFMW1035PW | F15 |
| SFMW1036PW | F15 |
| SFMW105PW | F6 |
| SFMW115PW | F30 |
| SFMW120PW | F30 |
| SFMW121PW | F30 |
| SFMW125PW | F30 |
| SFMW126PW | F30 |
| SFMW141PL | F8 |
| SFMW142PL | F8 |
| SFMW143PL | F8 |
| SFMW144PL | F8 |
| SFMW156PW | F29 |
| SFMW157PW | F29 |
| SFMW158PW | F29 |
| SFMW159PW | F29 |
| SFMW161 | F9 |
| SFMW162 | F9 |
| SFMW163 | F9 |
| SFMW164 | F9 |
| SFMW170PW | F29 |
| SFMW1836PW | F15 |
| SFMW1840PW | F15 |
| SFMW200PW | F22 |
| SFMW201PW | F22 |
| SFMW202PW | F22 |
| SFMW203PW | F22 |
| SFMW204PW | F22 |
| SFMW205PW | F22 |
| SFMW250PW | F20 |
| SFMW251PW | F20 |
| SFMW252PW | F20 |
| SFMW253PW | F20 |
| SFMW30035PW | B26 |
| SFMW30036PW | B26 |
| SFMW622PW | F24 |
| SFMW623PW | F24 |
| SFMW630PW | F14 |
| SFMW650PW | F18 |
| SFMW651PW | F18 |
| SFMW652PW | F18 |
| SFMW653PW | F18 |
| SFMW655PW | F17 |
| SFMW660 | F17 |
| SFMW771UPW | F16 |
| SFMW780PW | F16-F17 |
| SFMW785PW | F16-F17 |
| SFMW786PW | F16-F17 |
| SFMW850PW | F21 |
| SFMW851PW | F21 |
| SFMW852PW | F21 |
| SFMW853PW | F21 |
| SFPW011PW | F6 |
| SFPW012PW | F6 |
| SFPW013PW | F6 |
| SFPW019PW | F6 |
| SFPW020PW | F24 |
| SFPW022PW | F24 |
| SFPW023PW | F24 |
| SFPW024PW | F27 |
| SFPW025PW | F6 |
| SFPW034PW | F26 |
| SFPW035PW | F14 |
| SFPW036PW | F14 |
| SFPW038PW | F26 |
| SFPW039PW | F26 |
| SFPW050PW | F18 |
| SFPW051PW | F18 |
| SFPW052PW | F18 |
| SFPW053PW | F18 |
| SFPW060 | F27 |
| SFPW061 | F27 |
| SFPW065PW | F29 |
| SFPW066PW | F29 |
| SFPW100PW | F27 |
| SFPW1035PW | F15 |
| SFPW1036PW | F15 |
| SFPW105PW | F6 |
| SFPW115PW | F30 |
| SFPW120PW | F30 |
| SFPW121PW | F30 |
| SFPW125PW | F30 |
| SFPW126PW | F30 |
| SFPW141PL | F8 |
| SFPW142PL | F8 |
| SFPW143PL | F8 |
| SFPW144PL | F8 |
| SFPW156PW | F29 |
| SFPW157PW | F29 |
| SFPW158PW | F29 |
| SFPW159PW | F29 |
| SFPW161 | F9 |
| SFPW162 | F9 |
| SFPW163 | F9 |
| SFPW164 | F9 |
| SFPW170PW | F29 |
| SFPW1836PW | F15 |
| SFPW1840PW | F15 |
| SFPW200PW | F22 |
| SFPW201PW | F22 |
| SFPW202PW | F22 |
| SFPW203PW | F22 |
| SFPW204PW | F22 |
| SFPW205PW | F22 |
| SFPW250PW | F20 |
| SFPW251PW | F20 |
| SFPW252PW | F20 |
| SFPW253PW | F20 |
| SFPW30035PW | B26 |
| SFPW30036PW | B26 |
| SFPW622PW | F24 |
| SFPW623PW | F24 |
| SFPW630PW | F14 |
| SFPW650PW | F18 |
| SFPW651PW | F18 |
| SFPW652PW | F18 |
| SFPW653PW | F18 |
| SFPW655PW | F17 |
| SFPW660 | F17 |
| SFPW771UPW | F16 |
| SFPW780PW | F16-F17 |
| SFPW785PW | F16-F17 |
| SFPW786PW | F16-F17 |
| SFPW850PW | F21 |
| SFPW851PW | F21 |
| SFPW852PW | F21 |
| SFPW853PW | F21 |
| SFSS038BK | F26 |
| SFSS038GY | F26 |
| SFSS038PW | F26 |
| SFSS060 | F27 |
| SFSS061 | F27 |
| SFSS065BK | F29 |
| SFSS065PW | F29 |
| SFSS066BK | F29 |
| SFSS066PW | F29 |
| SFSS100BK | F27 |
| SFSS100GY | F27 |
| SFSS100PW | F27 |
| SFSS115BK | F30 |
| SFSS115PW | F30 |
| SFSS120BK | F30 |
| SFSS120PW | F30 |
| SFSS121BK | F30 |
| SFSS121PW | F30 |
| SFSS125BK | F30 |
| SFSS125PW | F30 |
| SFSS126BK | F30 |
| SFSS126PW | F30 |
| SFSS141PL | F8 |
| SFSS142PL | F8 |
| SFSS143PL | F8 |
| SFSS144PL | F8 |
| SFSS1535BK | F15 |
| SFSS1535PW | F15 |
| SFSS1536BK | F15 |
| SFSS1536PW | F15 |
| SFSS156BK | F29 |
| SFSS156PW | F29 |
| SFSS157BK | F29 |
| SFSS157PW | F29 |
| SFSS158BK | F29 |
| SFSS158PW | F29 |
| SFSS159BK | F29 |
| SFSS159PW | F29 |
| SFSS161 | F9 |
| SFSS162 | F9 |
| SFSS163 | F9 |
| SFSS164 | F9 |
| SFSS170BK | F29 |
| SFSS170PW | F29 |
| SFSS1836BK | F15 |
| SFSS1836PW | F15 |
| SFSS30035BK | B26 |
| SFSS30035GY | B26 |
| SFSS30035PW | B26 |
| SFSS30036BK | B26 |
| SFSS30036GY | B26 |
| SFSS30036PW | B26 |
| SFSS411BK | F7 |
| SFSS411GY | F7 |
| SFSS411PW | F7 |
| SFSS412BK | F7 |
| SFSS412GY | F7 |
| SFSS412PW | F7 |
| SFSS413BK | F7 |
| SFSS413GY | F7 |
| SFSS413PW | F7 |
| SFSS414BK | F7 |
| SFSS414GY | F7 |
| SFSS414PW | F7 |
| SFSS416BK | F7 |
| SFSS416GY | F7 |
| SFSS416PW | F7 |
| SFSS421 | F10 |
| SFSS422 | F10 |
| SFSS423 | F10 |
| SFSS424 | F10 |
| SFSS425BK | F7 |
| SFSS425GY | F7 |
| SFSS425PW | F7 |
| SFSS500BK | F23 |
| SFSS500GY | F23 |
| SFSS500PW | F23 |
| SFSS501BK | F23 |
| SFSS501GY | F23 |
| SFSS501PW | F23 |
| SFSS502BK | F23 |
| SFSS502GY | F23 |
| SFSS502PW | F23 |
| SFSS503BK | F23 |
| SFSS503GY | F23 |
| SFSS503PW | F23 |
| SFSS504BK | F23 |
| SFSS504GY | F23 |
| SFSS504PW | F23 |
| SFSS505BK | F23 |
| SFSS505GY | F23 |
| SFSS505PW | F23 |
| SFSS520BK | F25 |
| SFSS520GY | F25 |
| SFSS520PW | F25 |
| SFSS522BK | F25 |
| SFSS522GY | F25 |
| SFSS522PW | F25 |
| SFSS523BK | F25 |
| SFSS523GY | F25 |
| SFSS523PW | F25 |
| SFSS535BK | F14 |
| SFSS535GY | F14 |
| SFSS535PW | F14 |
| SFSS536BK | F14 |
| SFSS536GY | F14 |
| SFSS536PW | F14 |
| SFSS550BK | F19 |
| SFSS550GY | F19 |
| SFSS550PW | F19 |
| SFSS551BK | F19 |
| SFSS551GY | F19 |
| SFSS551PW | F19 |
| SFSS552BK | F19 |
| SFSS552GY | F19 |
| SFSS552PW | F19 |
| SFSS553BK | F19 |
| SFSS553GY | F19 |
| SFSS553PW | F19 |
| SFSS571UBK | F16 |
| SFSS571UGY | F16 |
| SFSS571UPW | F16 |
| SFSS580BK | F16-F17 |
| SFSS580GY | F16-F17 |
| SFSS580PW | F16-F17 |
| SFSS585BK | F16-F17 |
| SFSS585GY | F16-F17 |
| SFSS585PW | F16-F17 |
| SFSS586BK | F16-F17 |
| SFSS586GY | F16-F17 |
| SFSS586PW | F16-F17 |
| SFSS655BK | F17 |
| SFSS655GY | F17 |
| SFSS655PW | F17 |
| SFSS660 | F17 |
| SFSS722BK | F25 |
| SFSS722GY | F25 |
| SFSS722PW | F25 |
| SFSS723BK | F25 |
| SFSS723GY | F25 |
| SFSS723PW | F25 |
| SFSS750BK | F19 |
| SFSS750GY | F19 |
| SFSS750PW | F19 |
| SFSS751BK | F19 |
| SFSS751GY | F19 |
| SFSS751PW | F19 |
| SFSS752BK | F19 |
| SFSS752GY | F19 |
| SFSS752PW | F19 |
| SFSS753BK | F19 |
| SFSS753GY | F19 |
| SFSS753PW | F19 |
| SIN011BK | F36 |
| SIN011PW | F36 |
| SIN012BK | F36 |
| SIN012PW | F36 |
| SIN013BK | F36 |
| SIN013PW | F36 |
| SIN019BK | F37 |
| SIN019PW | F37 |
| SIN020BK | F49 |
| SIN020PW | F49 |

| | |
|---|---|
| SIN022BK | F48 |
| SIN022PW | F48 |
| SIN023BK | F48 |
| SIN023PW | F48 |
| SIN024BK | F49 |
| SIN024PW | F49 |
| SIN025BK | F36 |
| SIN025PW | F36 |
| SIN034BK | F51 |
| SIN034PW | F51 |
| SIN035BK | F52 |
| SIN035PW | F52 |
| SIN036BK | F52 |
| SIN036PW | F52 |
| SIN036RD | F52 |
| SIN038BK | F51 |
| SIN038GY | F51 |
| SIN038PW | F51 |
| SIN039BK | F51 |
| SIN039PW | F51 |
| SIN050BK | F56 |
| SIN050PW | F56 |
| SIN051BK | F56 |
| SIN051PW | F56 |
| SIN052BK | F56 |
| SIN052PW | F56 |
| SIN053BK | F56 |
| SIN053PW | F56 |
| SIN060BK | F62 |
| SIN060PW | F62 |
| SIN061BK | F62 |
| SIN061PW | F62 |
| SIN065BK | F64 |
| SIN065PW | F64 |
| SIN066BK | F65 |
| SIN066PW | F65 |
| SIN100BK | F50 |
| SIN100GY | F50 |
| SIN100PW | F50 |
| SIN1035BK | F53 |
| SIN1035PW | F53 |
| SIN1036BK | F53 |
| SIN1036PW | F53 |
| SIN105BK | F37 |
| SIN105PW | F37 |
| SIN115BK | F62 |
| SIN115PW | F62 |
| SIN120BK | F63 |
| SIN120PW | F63 |
| SIN121BK | F63 |
| SIN121PW | F63 |
| SIN125BK | F63 |
| SIN125PW | F63 |
| SIN126BK | F63 |
| SIN126PW | F63 |
| SIN141PL | F45 |
| SIN142PL | F45 |
| SIN143PL | F45 |
| SIN144PL | F45 |
| SIN1535BKBS | F53 |
| SIN1535BKCH | F53 |
| SIN1535BKSS | F53 |
| SIN1535PWBS | F53 |
| SIN1535PWCH | F53 |
| SIN1535PWSS | F53 |
| SIN1536BKBS | F53 |
| SIN1536BKCH | F53 |
| SIN1536BKSS | F53 |
| SIN1536PWBS | F53 |
| SIN1536PWCH | F53 |
| SIN1536PWSS | F53 |
| SIN156BK | F64 |
| SIN156PW | F64 |
| SIN157BK | F65 |
| SIN157PW | F65 |
| SIN158BK | F64 |
| SIN158PW | F64 |
| SIN159BK | F65 |
| SIN159PW | F65 |
| SIN161 | F45 |
| SIN162 | F45 |
| SIN163 | F45 |
| SIN164 | F45 |
| SIN170BK | F65 |
| SIN170PW | F65 |
| SIN1835BK | F52 |
| SIN1835PW | F52 |
| SIN1836BK | F54 |
| SIN1836BKBS | F54 |
| SIN1836BKCH | F54 |
| SIN1836BKSS | F54 |
| SIN1836PW | F54 |
| SIN1836PWBS | F54 |
| SIN1836PWCH | F54 |
| SIN1836PWSS | F54 |
| SIN1840BK | F54 |
| SIN1840PW | F54 |
| SIN200BK | F60 |
| SIN200PW | F60 |
| SIN201BK | F60 |
| SIN201PW | F60 |
| SIN20200 | F38-F39,F41,J98-J99,J101 |
| SIN202BK | F61 |
| SIN202PW | F61 |
| SIN203BK | F61 |
| SIN203PW | F61 |
| SIN20400 | F38-F39,F41,J98-J99,J101 |
| SIN204BK | F61 |
| SIN204PW | F61 |
| SIN205BK | F61 |
| SIN205PW | F61 |
| SIN249RD | F60 |
| SIN250BK | F58 |
| SIN250PW | F58 |
| SIN251BK | F58 |
| SIN251PW | F58 |
| SIN252BK | F58 |
| SIN252PW | F58 |
| SIN253BK | F58 |
| SIN253PW | F58 |
| SIN256RD | F60 |
| SIN310BK | F66,L12 |
| SIN31102BK | F40,J100 |
| SIN311BK | F66,L12 |
| SIN312BK | F66,L12 |
| SIN401BK | F42-F43,K12 |
| SIN401GY | F42-F43,K12 |
| SIN401PW | F42-F43,K12 |
| SIN401RD | F42-F43,K12 |
| SIN402BK | F42-F43,K12 |
| SIN402GY | F42-F43,K12 |
| SIN402PW | F42-F43,K12 |
| SIN402RD | F42-F43,K12 |
| SIN403BK | F42-F43,K12 |
| SIN403GY | F42-F43,K12 |
| SIN403PW | F42-F43,K12 |
| SIN403RD | F42-F43,K12 |
| SIN404BK | F42-F43,K12 |
| SIN404GY | F42-F43,K12 |
| SIN404PW | F42-F43,K12 |
| SIN406BK | F42-F43,K12 |
| SIN406GY | F42-F43,K12 |
| SIN406PW | F42-F43,K12 |
| SIN411BKBS | F36 |
| SIN411BKCH | F36 |
| SIN411BKSS | F36 |
| SIN411GYBS | F36 |
| SIN411GYSS | F36 |
| SIN411PWBS | F36 |
| SIN411PWCH | F36 |
| SIN411PWSS | F36 |
| SIN412BKBS | F36 |
| SIN412BKCH | F36 |
| SIN412BKSS | F36 |
| SIN412GYBS | F36 |
| SIN412GYSS | F36 |
| SIN412PWBS | F36 |
| SIN412PWCH | F36 |
| SIN412PWSS | F36 |
| SIN413BKBS | F36 |
| SIN413BKCH | F36 |
| SIN413BKSS | F36 |
| SIN413GYBS | F36 |
| SIN413GYSS | F36 |
| SIN413PWBS | F36 |
| SIN413PWCH | F36 |
| SIN413PWSS | F36 |
| SIN414BKBS | F37 |
| SIN414BKCH | F37 |
| SIN414BKSS | F37 |
| SIN414GYBS | F37 |
| SIN414GYSS | F37 |
| SIN414PWBS | F37 |
| SIN414PWCH | F37 |
| SIN414PWSS | F37 |
| SIN416BKBS | F37 |
| SIN416BKCH | F37 |
| SIN416BKSS | F37 |
| SIN416GYBS | F37 |
| SIN416GYSS | F37 |
| SIN416PWBS | F37 |
| SIN416PWCH | F37 |
| SIN416PWSS | F37 |
| SIN420CH | F46 |
| SIN420PN | F46 |
| SIN421CH | F46 |
| SIN421PN | F46 |
| SIN422CH | F47 |
| SIN422PN | F47 |
| SIN423CH | F47 |
| SIN423PN | F47 |
| SIN424CH | F47 |
| SIN424PN | F47 |
| SIN425BKBS | F36 |
| SIN425BKCH | F36 |
| SIN425BKSS | F36 |
| SIN425GYBS | F36 |
| SIN425GYSS | F36 |
| SIN425PWBS | F36 |
| SIN425PWCH | F36 |
| SIN425PWSS | F36 |
| SIN426BK | F42-F43,K12 |
| SIN426GY | F42-F43,K12 |
| SIN426PW | F42-F43,K12 |
| SIN500BKBS | F60 |
| SIN500BKCH | F60 |
| SIN500BKSS | F60 |
| SIN500GYBS | F60 |
| SIN500GYSS | F60 |
| SIN500PWBS | F60 |
| SIN500PWCH | F60 |
| SIN500PWSS | F60 |
| SIN501BKBS | F60 |
| SIN501BKCH | F60 |
| SIN501BKSS | F60 |
| SIN501GYBS | F60 |
| SIN501GYSS | F60 |
| SIN501PWBS | F60 |
| SIN501PWCH | F60 |
| SIN501PWSS | F60 |
| SIN502BKBS | F61 |
| SIN502BKCH | F61 |
| SIN502BKSS | F61 |
| SIN502GYBS | F61 |
| SIN502GYSS | F61 |
| SIN502PWBS | F61 |
| SIN502PWCH | F61 |
| SIN502PWSS | F61 |
| SIN503BKBS | F61 |
| SIN503BKCH | F61 |
| SIN503BKSS | F61 |
| SIN503GYBS | F61 |
| SIN503GYSS | F61 |
| SIN503PWBS | F61 |
| SIN503PWCH | F61 |
| SIN503PWSS | F61 |
| SIN504BKBS | F61 |
| SIN504BKCH | F61 |
| SIN504BKSS | F61 |
| SIN504GYBS | F61 |
| SIN504GYSS | F61 |
| SIN504PWBS | F61 |
| SIN504PWCH | F61 |
| SIN504PWSS | F61 |
| SIN505BKBS | F61 |
| SIN505BKCH | F61 |
| SIN505BKSS | F61 |
| SIN505GYBS | F61 |
| SIN505GYSS | F61 |
| SIN505PWBS | F61 |
| SIN505PWCH | F61 |
| SIN505PWSS | F61 |
| SIN520BKBS | F49 |
| SIN520BKCH | F49 |
| SIN520BKSS | F49 |
| SIN520GYBS | F49 |
| SIN520GYSS | F49 |
| SIN520PWBS | F49 |
| SIN520PWCH | F49 |
| SIN520PWSS | F49 |
| SIN522BKBS | F48 |
| SIN522BKCH | F48 |
| SIN522BKSS | F48 |
| SIN522GYBS | F48 |
| SIN522GYSS | F48 |
| SIN522PWBS | F48 |
| SIN522PWCH | F48 |
| SIN522PWSS | F48 |
| SIN523BKBS | F48 |
| SIN523BKCH | F48 |
| SIN523BKSS | F48 |
| SIN523GYBS | F48 |
| SIN523GYSS | F48 |
| SIN523PWBS | F48 |
| SIN523PWCH | F48 |
| SIN523PWSS | F48 |
| SIN535BKBS | F52 |
| SIN535BKCH | F52 |
| SIN535BKSS | F52 |
| SIN535GYBS | F52 |
| SIN535GYSS | F52 |
| SIN535PWBS | F52 |
| SIN535PWCH | F52 |
| SIN535PWSS | F52 |
| SIN536BKBS | F52 |
| SIN536BKCH | F52 |
| SIN536BKSS | F52 |
| SIN536GYBS | F52 |
| SIN536GYSS | F52 |
| SIN536PWBS | F52 |
| SIN536PWCH | F52 |
| SIN536PWSS | F52 |
| SIN550BKBS | F56 |
| SIN550BKCH | F56 |
| SIN550BKSS | F56 |
| SIN550GYBS | F56 |
| SIN550GYSS | F56 |
| SIN550PWBS | F56 |
| SIN550PWCH | F56 |
| SIN550PWSS | F56 |
| SIN551BKBS | F56 |
| SIN551BKCH | F56 |
| SIN551BKSS | F56 |
| SIN551GYBS | F56 |
| SIN551GYSS | F56 |
| SIN551PWBS | F56 |
| SIN551PWCH | F56 |
| SIN551PWSS | F56 |
| SIN552BKBS | F56 |
| SIN552BKCH | F56 |
| SIN552BKSS | F56 |
| SIN552GYBS | F56 |
| SIN552GYSS | F56 |
| SIN552PWBS | F56 |
| SIN552PWCH | F56 |
| SIN552PWSS | F56 |
| SIN553BKBS | F56 |
| SIN553BKCH | F56 |
| SIN553BKSS | F56 |
| SIN553GYBS | F56 |
| SIN553GYSS | F56 |
| SIN553PWBS | F56 |
| SIN553PWCH | F56 |
| SIN553PWSS | F56 |
| SIN570BKBS | F55 |
| SIN570BKCH | F55 |
| SIN570BKSS | F55 |
| SIN570PWBS | F55 |
| SIN570PWCH | F55 |
| SIN570PWSS | F55 |
| SIN571UBKBS | F54 |
| SIN571UBKCH | F54 |
| SIN571UBKSS | F54 |
| SIN571UGYBS | F54 |
| SIN571UGYSS | F54 |
| SIN571UPWBS | F54 |
| SIN571UPWCH | F54 |
| SIN571UPWSS | F54 |
| SIN580BKBS | F55 |
| SIN580BKCH | F55 |
| SIN580BKSS | F55 |
| SIN580GYBS | F55 |
| SIN580GYSS | F55 |
| SIN580PWBS | F55 |
| SIN580PWCH | F55 |
| SIN580PWSS | F55 |
| SIN586BKBS | F55 |
| SIN586BKCH | F55 |
| SIN586BKSS | F55 |
| SIN586GYBS | F55 |
| SIN586GYSS | F55 |
| SIN586PWBS | F55 |
| SIN586PWCH | F55 |
| SIN586PWSS | F55 |
| SIN622BK | F48 |
| SIN622PW | F48 |
| SIN623BK | F48 |
| SIN623PW | F48 |
| SIN630BK | F50 |
| SIN630PW | F50 |
| SIN650BK | F57 |
| SIN650PW | F57 |
| SIN651BK | F57 |
| SIN651PW | F57 |


Wiring Accessories Index

Wiring Accessories Index






SIN652BK F57
SIN652PW F57
SIN653BK F57
SIN653PW F57
SIN655BK F50
SIN655GY F50
SIN655PW F50
SIN660BK F49
SIN722BKBS F48
SIN722BKCH F48
SIN722BKSS F48
SIN722GYBS F48
SIN722GYSS F48
SIN722PWBS F48
SIN722PWCH F48
SIN722PWSS F48
SIN723BKBS F48
SIN723BKCH F48
SIN723BKSS F48
SIN723GYBS F48
SIN723GYSS F48
SIN723PWBS F48
SIN723PWCH F48
SIN723PWSS F48
SIN750BKBS F57
SIN750BKCH F57
SIN750BKSS F57
SIN750GYBS F57
SIN750GYSS F57
SIN750PWBS F57
SIN750PWCH F57
SIN750PWSS F57
SIN751BKBS F57
SIN751BKCH F57
SIN751BKSS F57
SIN751GYBS F57
SIN751GYSS F57
SIN751PWBS F57
SIN751PWCH F57
SIN751PWSS F57
SIN752BKBS F57
SIN752BKCH F57
SIN752BKSS F57
SIN752GYBS F57
SIN752GYSS F57
SIN752PWBS F57
SIN752PWCH F57
SIN752PWSS F57
SIN753BKBS F57
SIN753BKCH F57
SIN753BKSS F57
SIN753GYBS F57
SIN753GYSS F57
SIN753PWBS F57
SIN753PWCH F57
SIN753PWSS F57
SIN770BK F55
SIN770PW F55
SIN771UBK F54
SIN771UPW F54
SIN780BK F55
SIN780PW F55
SIN786BK F55
SIN786PW F55
SIN850BK F59
SIN850PW F59
SIN851BK F59
SIN851PW F59
SIN852BK F59
SIN852PW F59
SIN853BK F59
SIN853PW F59
SP011 D32
SP012 D32
SP013 D32
SP014 D32
SP015 C34
SP016 C34
SP017 C34
SP018 C34
SP021 D32
SP022 D32
SP023 C34
SP024 C34
SP1016 O4
SP620BK L23
SP620BKAB L23
SP620BKBN L23
SP620BKBR L23
SP620BKBS L23
SP620BKCH L23
SP620BKPN L23
SP620BKSB L23
SP620BKSC L23
SP620BKSS L23
SP620MTBK L23
SP620PW L23
SP620WH L23
SP620WHBR L23
SP620WHBS L23
SP620WHCH L23
SP620WHPN L23
SP620WHSB L23
SP620WHSC L23
SP620WHSS L23
SP622 D31,E23,I16,N9
SP623 D31,E23,I16,N9
SP625 D31,E23,I16,N9
SP640BN E23,F67,N9
SP640CH E23,F67,N9
SP650BN D31,N9
SP650BR D31,N9
SP650CH D31,N9
SP650MB D31,N9
SP675BN D31,N9
SP675BR D31,N9
SP675CH D31,N9
SP675MB D31,N9
SP900 C15,D11,E8,F8-F9,G11,H11,K37,M6
SP940 G24

**V**

VP095BK B32,D32
VP095GY B32,D32
VP095WH B32,D32
VP096BK B32,D32
VP096GY B32,D32
VP096WH B32,D32
VPAB011BK D5
VPAB012BK D5
VPAB013BK D5
VPAB019BK D5
VPAB020BK D20
VPAB022BK D20
VPAB023BK D20
VPAB024BK D25
VPAB025BK D5
VPAB035BK D16
VPAB036BK D16
VPAB038BK D17
VPAB039BK D17
VPAB050BK D18
VPAB051BK D18
VPAB052BK D18
VPAB053BK D18
VPAB060 D25
VPAB061 D25
VPAB065BK D29
VPAB066BK D29
VPAB100BK D25
VPAB105BK D5
VPAB115BK D28
VPAB120BK D28
VPAB121BK D28
VPAB125BK D28
VPAB126BK D28
VPAB140PL D11
VPAB152PL D11
VPAB1535BK D17
VPAB1536BK D17
VPAB153PL D11
VPAB154PL D11
VPAB156BK D29
VPAB157BK D29
VPAB158BK D29
VPAB159BK D29
VPAB161 D10
VPAB162 D10
VPAB163 D10
VPAB164 D10
VPAB170BK D29
VPAB1836BK D17
VPAB185 D11
VPAB186 D11
VPAB200BK D22
VPAB201BK D22
VPAB202BK D22
VPAB203BK D22
VPAB20401 J114
VPAB20402 J114
VPAB20403 J115
VPAB20404 J115
VPAB204BK D22
VPAB20506 J117
VPAB20508 J117
VPAB20509 J118
VPAB20512 J118
VPAB20518 J119
VPAB20524 J120
VPAB205BK D22
VPAB30535BK B25
VPAB30536BK B25
VPAB310 D30,L10
VPAB311 D30,L10
VPAB31102 J116
VPAB312 D30,L10
VPAB401BK D7,K10
VPAB402BK D7,K10
VPAB403BK D7,K10
VPAB404BK D7,K10
VPAB406BK D7,K10
VPAB411BK D6
VPAB412BK D6
VPAB413BK D6
VPAB414BK D6
VPAB416BK D6
VPAB421 D12
VPAB422 D12
VPAB423 D12
VPAB424 D12
VPAB425BK D6
VPAB426BK D7,K10
VPAB432BK D7,K10
VPAB471BK D7,K10
VPAB472BK D7,K10
VPAB500BK D23
VPAB501BK D23
VPAB502BK D23
VPAB503BK D23
VPAB504BK D23
VPAB505BK D23
VPAB512 D8,K8
VPAB518 D8,K8
VPAB520BK D21
VPAB522BK D21
VPAB523BK D21
VPAB535BK D16
VPAB536BK D16
VPAB550BK D19
VPAB551BK D19
VPAB552BK D19
VPAB553BK D19
VPAB570BK D14
VPAB571UBK D14
VPAB580BK D15
VPAB585BK D15
VPAB586BK D15
VPAB622BK D20
VPAB623BK D20
VPAB650BK D18
VPAB651BK D18
VPAB652BK D18
VPAB653BK D18
VPAB655BK D24
VPAB660 D24
VPAB675BK D24
VPAB722BK D21
VPAB723BK D21
VPAB750BK D19
VPAB751BK D19
VPAB752BK D19
VPAB753BK D19
VPAB770BK D14
VPAB771UBK D14
VPAB780BK D15
VPAB785BK D15
VPAB786BK D15
VPAG20506 J129
VPAG20508 J129
VPAG20509 J130
VPAG20512 J130
VPAG20518 J131
VPAG20524 J132
VPAG512 I9,K5
VPAG518 I9,K6
VPBN011BK D5
VPBN012BK D5
VPBN013BK D5
VPBN019BK D5
VPBN020BK D20
VPBN022BK D20
VPBN023BK D20
VPBN024BK D25
VPBN025BK D5
VPBN035BK D16
VPBN036BK D16
VPBN038BK D17
VPBN039BK D17
VPBN050BK D18
VPBN051BK D18
VPBN052BK D18
VPBN053BK D18
VPBN060 D25
VPBN061 D25
VPBN065BK D29
VPBN066BK D29
VPBN100BK D25
VPBN105BK D5
VPBN115BK D28
VPBN120BK D28
VPBN121BK D28
VPBN125BK D28
VPBN126BK D28
VPBN140PL D11
VPBN152PL D11
VPBN1535BK D17
VPBN1536BK D17
VPBN153PL D11
VPBN154PL D11
VPBN156BK D29
VPBN157BK D29
VPBN158BK D29
VPBN159BK D29
VPBN161 D10
VPBN162 D10
VPBN163 D10
VPBN164 D10
VPBN170BK D29
VPBN1836BK D17
VPBN185 D11
VPBN186 D11
VPBN200BK D22
VPBN201BK D22
VPBN202BK D22
VPBN203BK D22
VPBN20401 J114
VPBN20402 J114
VPBN20403 J115
VPBN20404 J115
VPBN204BK D22
VPBN20506 J117
VPBN20508 J117
VPBN20509 J118
VPBN20512 J118
VPBN20518 J119
VPBN20524 J120
VPBN205BK D22
VPBN30535BK B25
VPBN30536BK B25
VPBN310 D30,L10
VPBN311 D30,L10
VPBN31102 J116
VPBN312 D30,L10
VPBN401BK D7,K10
VPBN402BK D7,K10
VPBN403BK D7,K10
VPBN404BK D7,K10
VPBN406BK D7,K10
VPBN411BK D6
VPBN412BK D6
VPBN413BK D6
VPBN414BK D6
VPBN416BK D6
VPBN421 D12
VPBN422 D12
VPBN423 D12
VPBN424 D12
VPBN425BK D6
VPBN426BK D7,K10
VPBN471BK D7,K10
VPBN472BK D7,K10
VPBN500BK D23
VPBN501BK D23
VPBN502BK D23
VPBN503BK D23
VPBN504BK D23
VPBN505BK D23
VPBN512 D8,K8
VPBN518 D8,K8
VPBN520BK D21
VPBN522BK D21
VPBN523BK D21
VPBN535BK D16
VPBN536BK D16
VPBN550BK D19

| | |
|---|---|
| VPBN551BK | D19 |
| VPBN552BK | D19 |
| VPBN553BK | D19 |
| VPBN570BK | D14 |
| VPBN571UBK | D14 |
| VPBN580BK | D15 |
| VPBN585BK | D15 |
| VPBN586BK | D15 |
| VPBN622BK | D20 |
| VPBN623BK | D20 |
| VPBN650BK | D18 |
| VPBN651BK | D18 |
| VPBN652BK | D18 |
| VPBN653BK | D18 |
| VPBN655BK | D24 |
| VPBN660 | D24 |
| VPBN675BK | D24 |
| VPBN722BK | D21 |
| VPBN723BK | D21 |
| VPBN750BK | D19 |
| VPBN751BK | D19 |
| VPBN752BK | D19 |
| VPBN753BK | D19 |
| VPBN770BK | D14 |
| VPBN771UBK | D14 |
| VPBN780BK | D15 |
| VPBN785BK | D15 |
| VPBN786BK | D15 |
| VPBR011BK | D5 |
| VPBR011WH | D5 |
| VPBR012BK | D5 |
| VPBR012WH | D5 |
| VPBR013BK | D5 |
| VPBR013WH | D5 |
| VPBR019BK | D5 |
| VPBR019WH | D5 |
| VPBR020BK | D20 |
| VPBR020WH | D20 |
| VPBR022BK | D20 |
| VPBR022WH | D20 |
| VPBR023BK | D20 |
| VPBR023WH | D20 |
| VPBR024BK | D25 |
| VPBR024WH | D25 |
| VPBR025BK | D5 |
| VPBR025WH | D5 |
| VPBR035BK | D16 |
| VPBR035WH | D16 |
| VPBR036BK | D16 |
| VPBR036WH | D16 |
| VPBR038BK | D17 |
| VPBR038WH | D17 |
| VPBR039BK | D17 |
| VPBR039WH | D17 |
| VPBR050BK | D18 |
| VPBR050WH | D18 |
| VPBR051BK | D18 |
| VPBR051WH | D18 |
| VPBR052BK | D18 |
| VPBR052WH | D18 |
| VPBR053BK | D18 |
| VPBR053WH | D18 |
| VPBR060 | D25 |
| VPBR061 | D25 |
| VPBR065BK | D29 |
| VPBR065WH | D29 |
| VPBR066BK | D29 |
| VPBR066WH | D29 |
| VPBR100BK | D25 |
| VPBR100WH | D25 |
| VPBR105BK | D5 |
| VPBR105WH | D5 |
| VPBR115BK | D28 |
| VPBR115WH | D28 |
| VPBR120BK | D28 |
| VPBR120WH | D28 |
| VPBR121BK | D28 |
| VPBR121WH | D28 |
| VPBR125BK | D28 |
| VPBR125WH | D28 |
| VPBR126BK | D28 |
| VPBR126WH | D28 |
| VPBR140PL | D11 |
| VPBR152PL | D11 |
| VPBR1535BK | D17 |
| VPBR1535WH | D17 |
| VPBR1536BK | D17 |
| VPBR1536WH | D17 |
| VPBR153PL | D11 |
| VPBR154PL | D11 |
| VPBR156BK | D29 |
| VPBR156WH | D29 |
| VPBR157BK | D29 |
| VPBR157WH | D29 |
| VPBR158BK | D29 |
| VPBR158WH | D29 |
| VPBR159BK | D29 |
| VPBR159WH | D29 |
| VPBR161 | D10 |
| VPBR162 | D10 |
| VPBR163 | D10 |
| VPBR164 | D10 |
| VPBR170BK | D29 |
| VPBR170WH | D29 |
| VPBR1836BK | D17 |
| VPBR1836WH | D17 |
| VPBR185 | D11 |
| VPBR186 | D11 |
| VPBR200BK | D22 |
| VPBR200WH | D22 |
| VPBR201BK | D22 |
| VPBR201WH | D22 |
| VPBR202BK | D22 |
| VPBR202WH | D22 |
| VPBR203BK | D22 |
| VPBR203WH | D22 |
| VPBR20401 | J114 |
| VPBR20402 | J114 |
| VPBR20403 | J115 |
| VPBR20404 | J115 |
| VPBR204BK | D22 |
| VPBR204WH | D22 |
| VPBR20506 | J117 |
| VPBR20508 | J117 |
| VPBR20509 | J118 |
| VPBR20512 | J118 |
| VPBR20518 | J119 |
| VPBR20524 | J120 |
| VPBR205BK | D22 |
| VPBR205WH | D22 |
| VPBR30535BK | B25 |
| VPBR30535WH | B25 |
| VPBR30536BK | B25 |
| VPBR30536WH | B25 |
| VPBR310 | D30,L10 |
| VPBR311 | D30,L10 |
| VPBR31102 | J116 |
| VPBR312 | D30,L10 |
| VPBR401BK | D7,K10 |
| VPBR401WH | D7,K10 |
| VPBR402BK | D7,K10 |
| VPBR402WH | D7,K10 |
| VPBR403BK | D7,K10 |
| VPBR403WH | D7,K10 |
| VPBR404BK | D7,K10 |
| VPBR404WH | D7,K10 |
| VPBR406BK | D7,K10 |
| VPBR406WH | D7,K10 |
| VPBR411BK | D6 |
| VPBR411WH | D6 |
| VPBR412BK | D6 |
| VPBR412WH | D6 |
| VPBR413BK | D6 |
| VPBR413WH | D6 |
| VPBR414BK | D6 |
| VPBR414WH | D6 |
| VPBR416BK | D6 |
| VPBR416WH | D6 |
| VPBR421 | D12 |
| VPBR422 | D12 |
| VPBR423 | D12 |
| VPBR424 | D12 |
| VPBR425BK | D6 |
| VPBR425WH | D6 |
| VPBR426BK | D7,K10 |
| VPBR426WH | D7,K10 |
| VPBR471BK | D7,K10 |
| VPBR471WH | D7,K10 |
| VPBR472BK | D7,K10 |
| VPBR472WH | D7,K10 |
| VPBR512 | D8,K8 |
| VPBR518 | D8,K8 |
| VPBR520BK | D21 |
| VPBR520WH | D21 |
| VPBR522BK | D21 |
| VPBR522WH | D21 |
| VPBR523BK | D21 |
| VPBR523WH | D21 |
| VPBR535BK | D16 |
| VPBR535WH | D16 |
| VPBR536BK | D16 |
| VPBR536WH | D16 |
| VPBR550BK | D19 |







| | |
|---|---|
| VPBR550WH | D19 |
| VPBR551BK | D19 |
| VPBR551WH | D19 |
| VPBR552BK | D19 |
| VPBR552WH | D19 |
| VPBR553BK | D19 |
| VPBR553WH | D19 |
| VPBR570BK | D14 |
| VPBR570WH | D14 |
| VPBR571UBK | D14 |
| VPBR571UWH | D14 |
| VPBR580BK | D15 |
| VPBR580WH | D15 |
| VPBR585BK | D15 |
| VPBR585WH | D15 |
| VPBR586BK | D15 |
| VPBR586WH | D15 |
| VPBR622BK | D20 |
| VPBR622WH | D20 |
| VPBR623BK | D20 |
| VPBR623WH | D20 |
| VPBR650BK | D18 |
| VPBR650WH | D18 |
| VPBR651BK | D18 |
| VPBR651WH | D18 |
| VPBR652BK | D18 |
| VPBR652WH | D18 |
| VPBR653BK | D18 |
| VPBR653WH | D18 |
| VPBR655BK | D24 |
| VPBR655WH | D24 |
| VPBR660 | D24 |
| VPBR675BK | D24 |
| VPBR675WH | D24 |
| VPBR722BK | D21 |
| VPBR722WH | D21 |
| VPBR723BK | D21 |
| VPBR723WH | D21 |
| VPBR750BK | D19 |
| VPBR750WH | D19 |
| VPBR751BK | D19 |
| VPBR751WH | D19 |
| VPBR752BK | D19 |
| VPBR752WH | D19 |
| VPBR753BK | D19 |
| VPBR753WH | D19 |
| VPBR770BK | D14 |
| VPBR770WH | D14 |
| VPBR771UBK | D14 |
| VPBR771UWH | D14 |
| VPBR780BK | D15 |
| VPBR780WH | D15 |
| VPBR785BK | D15 |
| VPBR785WH | D15 |
| VPBR786BK | D15 |
| VPBR786WH | D15 |
| VPCH011BK | D5 |
| VPCH011WH | D5 |
| VPCH012BK | D5 |
| VPCH012WH | D5 |
| VPCH013BK | D5 |
| VPCH013WH | D5 |
| VPCH019BK | D5 |
| VPCH019WH | D5 |
| VPCH020BK | D20 |
| VPCH020WH | D20 |
| VPCH022BK | D20 |
| VPCH022WH | D20 |
| VPCH023BK | D20 |
| VPCH023WH | D20 |
| VPCH024BK | D25 |
| VPCH024WH | D25 |
| VPCH025BK | D5 |
| VPCH025WH | D5 |
| VPCH035BK | D16 |
| VPCH035WH | D16 |
| VPCH036BK | D16 |
| VPCH036WH | D16 |
| VPCH038BK | D17 |
| VPCH038WH | D17 |
| VPCH039BK | D17 |
| VPCH039WH | D17 |
| VPCH050BK | D18 |
| VPCH050WH | D18 |
| VPCH051BK | D18 |
| VPCH051WH | D18 |
| VPCH052BK | D18 |
| VPCH052WH | D18 |
| VPCH053BK | D18 |
| VPCH053WH | D18 |
| VPCH060 | D25 |
| VPCH061 | D25 |
| VPCH065BK | D29 |
| VPCH065WH | D29 |
| VPCH066BK | D29 |
| VPCH066WH | D29 |
| VPCH100BK | D25 |
| VPCH100WH | D25 |
| VPCH105BK | D5 |
| VPCH105WH | D5 |
| VPCH115BK | D28 |
| VPCH115WH | D28 |
| VPCH120BK | D28 |
| VPCH120WH | D28 |
| VPCH121BK | D28 |
| VPCH121WH | D28 |
| VPCH125BK | D28 |
| VPCH125WH | D28 |
| VPCH126BK | D28 |
| VPCH126WH | D28 |
| VPCH140PL | D11 |
| VPCH152PL | D11 |
| VPCH1535BK | D17 |
| VPCH1535WH | D17 |
| VPCH1536BK | D17 |
| VPCH1536WH | D17 |
| VPCH153PL | D11 |
| VPCH154PL | D11 |
| VPCH156BK | D29 |
| VPCH156WH | D29 |
| VPCH157BK | D29 |
| VPCH157WH | D29 |
| VPCH158BK | D29 |
| VPCH158WH | D29 |
| VPCH159BK | D29 |
| VPCH159WH | D29 |
| VPCH161 | D10 |
| VPCH162 | D10 |
| VPCH163 | D10 |
| VPCH164 | D10 |
| VPCH170BK | D29 |
| VPCH170WH | D29 |
| VPCH1836BK | D17 |
| VPCH1836WH | D17 |
| VPCH185 | D11 |
| VPCH186 | D11 |
| VPCH200BK | D22 |
| VPCH200WH | D22 |
| VPCH201BK | D22 |
| VPCH201WH | D22 |
| VPCH202BK | D22 |
| VPCH202WH | D22 |
| VPCH203BK | D22 |
| VPCH203WH | D22 |
| VPCH20401 | J114 |
| VPCH20402 | J114 |
| VPCH20403 | J115 |
| VPCH20404 | J115 |
| VPCH204BK | D22 |
| VPCH204WH | D22 |
| VPCH20506 | J117 |
| VPCH20508 | J117 |
| VPCH20509 | J118 |
| VPCH20512 | J118 |
| VPCH20518 | J119 |
| VPCH20524 | J120 |
| VPCH205BK | D22 |
| VPCH205WH | D22 |
| VPCH30535BK | B25 |
| VPCH30535WH | B25 |
| VPCH30536BK | B25 |
| VPCH30536WH | B25 |
| VPCH310 | D30,L10 |
| VPCH311 | D30,L10 |
| VPCH31102 | J116 |
| VPCH312 | D30,L10 |
| VPCH401BK | D7,K10 |
| VPCH401WH | D7,K10 |
| VPCH402BK | D7,K10 |
| VPCH402WH | D7,K10 |
| VPCH403BK | D7,K10 |
| VPCH403WH | D7,K10 |
| VPCH404BK | D7,K10 |
| VPCH404WH | D7,K10 |
| VPCH406BK | D7,K10 |
| VPCH406WH | D7,K10 |
| VPCH411BK | D6 |
| VPCH411WH | D6 |
| VPCH412BK | D6 |
| VPCH412WH | D6 |
| VPCH413BK | D6 |
| VPCH413WH | D6 |
| VPCH414BK | D6 |

| | |
|---|---|
| VPCH414WH | D6 |
| VPCH416BK | D6 |
| VPCH416WH | D6 |
| VPCH421 | D12 |
| VPCH422 | D12 |
| VPCH423 | D12 |
| VPCH424 | D12 |
| VPCH425BK | D6 |
| VPCH425WH | D6 |
| VPCH426BK | D7,K10 |
| VPCH426WH | D7,K10 |
| VPCH432BK | D7,K10 |
| VPCH432WH | D7,K10 |
| VPCH471BK | D7,K10 |
| VPCH471WH | D7,K10 |
| VPCH472BK | D7,K10 |
| VPCH472WH | D7,K10 |
| VPCH500BK | D23 |
| VPCH500WH | D23 |
| VPCH501BK | D23 |
| VPCH501WH | D23 |
| VPCH502BK | D23 |
| VPCH502WH | D23 |
| VPCH503BK | D23 |
| VPCH503WH | D23 |
| VPCH504BK | D23 |
| VPCH504WH | D23 |
| VPCH505BK | D23 |
| VPCH505WH | D23 |
| VPCH512 | D8,K8 |
| VPCH518 | D8,K8 |
| VPCH520BK | D21 |
| VPCH520WH | D21 |
| VPCH522BK | D21 |
| VPCH522WH | D21 |
| VPCH523BK | D21 |
| VPCH523WH | D21 |
| VPCH535BK | D16 |
| VPCH535WH | D16 |
| VPCH536BK | D16 |
| VPCH536WH | D16 |
| VPCH550BK | D19 |
| VPCH550WH | D19 |
| VPCH551BK | D19 |
| VPCH551WH | D19 |
| VPCH552BK | D19 |
| VPCH552WH | D19 |
| VPCH553BK | D19 |
| VPCH553WH | D19 |
| VPCH570BK | D14 |
| VPCH570WH | D14 |
| VPCH571UBK | D14 |
| VPCH571UWH | D14 |
| VPCH580BK | D15 |
| VPCH580WH | D15 |
| VPCH585BK | D15 |
| VPCH585WH | D15 |
| VPCH586BK | D15 |
| VPCH586WH | D15 |
| VPCH622BK | D20 |
| VPCH622WH | D20 |
| VPCH623BK | D20 |
| VPCH623WH | D20 |
| VPCH650BK | D18 |
| VPCH650WH | D18 |
| VPCH651BK | D18 |
| VPCH651WH | D18 |
| VPCH652BK | D18 |
| VPCH652WH | D18 |
| VPCH653BK | D18 |
| VPCH653WH | D18 |
| VPCH655BK | D24 |
| VPCH655WH | D24 |
| VPCH660 | D24 |
| VPCH675BK | D24 |
| VPCH675WH | D24 |
| VPCH722BK | D21 |
| VPCH722WH | D21 |
| VPCH723BK | D21 |
| VPCH723WH | D21 |
| VPCH750BK | D19 |
| VPCH750WH | D19 |
| VPCH751BK | D19 |
| VPCH751WH | D19 |
| VPCH752BK | D19 |
| VPCH752WH | D19 |
| VPCH753BK | D19 |
| VPCH753WH | D19 |
| VPCH770BK | D14 |
| VPCH770WH | D14 |
| VPCH771UBK | D14 |
| VPCH771UWH | D14 |
| VPCH780BK | D15 |
| VPCH780WH | D15 |
| VPCH785BK | D15 |
| VPCH785WH | D15 |
| VPCH786BK | D15 |
| VPCH786WH | D15 |
| VPMB024BK | D25 |
| VPMB038BK | D17 |
| VPMB039BK | D17 |
| VPMB060 | D25 |
| VPMB061 | D25 |
| VPMB065BK | D29 |
| VPMB066BK | D29 |
| VPMB100BK | D25 |
| VPMB115BK | D28 |
| VPMB120BK | D28 |
| VPMB121BK | D28 |
| VPMB125BK | D28 |
| VPMB126BK | D28 |
| VPMB140PL | D11 |
| VPMB152PL | D11 |
| VPMB1535BK | D17 |
| VPMB1536BK | D17 |
| VPMB153PL | D11 |
| VPMB154PL | D11 |
| VPMB156BK | D29 |
| VPMB157BK | D29 |
| VPMB158BK | D29 |
| VPMB159BK | D29 |
| VPMB161 | D10 |
| VPMB162 | D10 |
| VPMB163 | D10 |
| VPMB164 | D10 |
| VPMB170BK | D29 |
| VPMB1836BK | D17 |
| VPMB20401 | J114 |
| VPMB20402 | J114 |
| VPMB20403 | J115 |
| VPMB20404 | J115 |
| VPMB20506 | J117 |
| VPMB20508 | J117 |
| VPMB20509 | J118 |
| VPMB20512 | J118 |
| VPMB20518 | J119 |
| VPMB20524 | J120 |
| VPMB30535BK | B25 |
| VPMB30536BK | B25 |
| VPMB310 | D30,L10 |
| VPMB311 | D30,L10 |
| VPMB31102 | J116 |
| VPMB312 | D30,L10 |
| VPMB401BK | D7,K10 |
| VPMB402BK | D7,K10 |
| VPMB403BK | D7,K10 |
| VPMB404BK | D7,K10 |
| VPMB406BK | D7,K10 |
| VPMB411BK | D6 |
| VPMB412BK | D6 |
| VPMB413BK | D6 |
| VPMB414BK | D6 |
| VPMB416BK | D6 |
| VPMB421 | D12 |
| VPMB422 | D12 |
| VPMB423 | D12 |
| VPMB424 | D12 |
| VPMB425BK | D6 |
| VPMB426BK | D7,K10 |
| VPMB471BK | D7,K10 |
| VPMB472BK | D7,K10 |
| VPMB500BK | D23 |
| VPMB501BK | D23 |
| VPMB502BK | D23 |
| VPMB503BK | D23 |
| VPMB504BK | D23 |
| VPMB505BK | D23 |
| VPMB512 | D8,K8 |
| VPMB518 | D8,K8 |
| VPMB520BK | D21 |
| VPMB522BK | D21 |
| VPMB523BK | D21 |
| VPMB535BK | D16 |
| VPMB536BK | D16 |
| VPMB550BK | D19 |
| VPMB551BK | D19 |
| VPMB552BK | D19 |
| VPMB553BK | D19 |
| VPMB571UBK | D14 |
| VPMB580BK | D15 |
| VPMB585BK | D15 |
| VPMB586BK | D15 |
| VPMB655BK | D24 |

Wiring Accessories Index



| | |
|---|---|
| VPMB660 | D24 |
| VPMB722BK | D21 |
| VPMB723BK | D21 |
| VPMB750BK | D19 |
| VPMB751BK | D19 |
| VPMB752BK | D19 |
| VPMB753BK | D19 |
| VPPN011BK | D5 |
| VPPN011WH | D5 |
| VPPN012BK | D5 |
| VPPN012WH | D5 |
| VPPN013BK | D5 |
| VPPN013WH | D5 |
| VPPN019BK | D5 |
| VPPN019WH | D5 |
| VPPN020BK | D20 |
| VPPN020WH | D20 |
| VPPN022BK | D20 |
| VPPN022WH | D20 |
| VPPN023BK | D20 |
| VPPN023WH | D20 |
| VPPN024BK | D25 |
| VPPN024WH | D25 |
| VPPN025BK | D5 |
| VPPN025WH | D5 |
| VPPN035BK | D16 |
| VPPN035WH | D16 |
| VPPN036BK | D16 |
| VPPN036WH | D16 |
| VPPN038BK | D17 |
| VPPN038WH | D17 |
| VPPN039BK | D17 |
| VPPN039WH | D17 |
| VPPN050BK | D18 |
| VPPN050WH | D18 |
| VPPN051BK | D18 |
| VPPN051WH | D18 |
| VPPN052BK | D18 |
| VPPN052WH | D18 |
| VPPN053BK | D18 |
| VPPN053WH | D18 |
| VPPN060 | D25 |
| VPPN061 | D25 |
| VPPN065BK | D29 |
| VPPN065WH | D29 |
| VPPN066BK | D29 |
| VPPN066WH | D29 |
| VPPN100BK | D25 |
| VPPN100WH | D25 |
| VPPN105BK | D5 |
| VPPN105WH | D5 |
| VPPN115BK | D28 |
| VPPN115WH | D28 |
| VPPN120BK | D28 |
| VPPN120WH | D28 |
| VPPN121BK | D28 |
| VPPN121WH | D28 |
| VPPN125BK | D28 |
| VPPN125WH | D28 |
| VPPN126BK | D28 |
| VPPN126WH | D28 |
| VPPN140PL | D11 |
| VPPN152PL | D11 |
| VPPN1535BK | D17 |
| VPPN1535WH | D17 |
| VPPN1536BK | D17 |
| VPPN1536WH | D17 |
| VPPN153PL | D11 |
| VPPN154PL | D11 |
| VPPN156BK | D29 |
| VPPN156WH | D29 |
| VPPN157BK | D29 |
| VPPN157WH | D29 |
| VPPN158BK | D29 |
| VPPN158WH | D29 |
| VPPN159BK | D29 |
| VPPN159WH | D29 |
| VPPN161 | D10 |
| VPPN162 | D10 |
| VPPN163 | D10 |
| VPPN164 | D10 |
| VPPN170BK | D29 |
| VPPN170WH | D29 |
| VPPN1836BK | D17 |
| VPPN1836WH | D17 |
| VPPN185 | D11 |
| VPPN186 | D11 |
| VPPN200BK | D22 |
| VPPN200WH | D22 |
| VPPN201BK | D22 |
| VPPN201WH | D22 |
| VPPN202BK | D22 |
| VPPN202WH | D22 |
| VPPN203BK | D22 |
| VPPN203WH | D22 |
| VPPN20401 | J114 |
| VPPN20402 | J114 |
| VPPN20403 | J115 |
| VPPN20404 | J115 |
| VPPN204BK | D22 |
| VPPN204WH | D22 |
| VPPN20506 | J117 |
| VPPN20508 | J117 |
| VPPN20509 | J118 |
| VPPN20512 | J118 |
| VPPN20518 | J119 |
| VPPN20524 | J120 |
| VPPN205BK | D22 |
| VPPN205WH | D22 |
| VPPN30535BK | B25 |
| VPPN30535WH | B25 |
| VPPN30536BK | B25 |
| VPPN30536WH | B25 |
| VPPN310 | D30,L10 |
| VPPN311 | D30,L10 |
| VPPN31102 | J116 |
| VPPN312 | D30,L10 |
| VPPN401BK | D7,K10 |
| VPPN401WH | D7,K10 |
| VPPN402BK | D7,K10 |
| VPPN402WH | D7,K10 |
| VPPN403BK | D7,K10 |
| VPPN403WH | D7,K10 |
| VPPN404BK | D7,K10 |
| VPPN404WH | D7,K10 |
| VPPN406BK | D7,K10 |
| VPPN406WH | D7,K10 |
| VPPN411BK | D6 |
| VPPN411WH | D6 |
| VPPN412BK | D6 |
| VPPN412WH | D6 |
| VPPN413BK | D6 |
| VPPN413WH | D6 |
| VPPN414BK | D6 |
| VPPN414WH | D6 |
| VPPN416BK | D6 |
| VPPN416WH | D6 |
| VPPN421 | D12 |
| VPPN422 | D12 |
| VPPN423 | D12 |
| VPPN424 | D12 |
| VPPN425BK | D6 |
| VPPN425WH | D6 |
| VPPN426BK | D7,K10 |
| VPPN426WH | D7,K10 |
| VPPN471BK | D7,K10 |
| VPPN471WH | D7,K10 |
| VPPN472BK | D7,K10 |
| VPPN472WH | D7,K10 |
| VPPN500BK | D23 |
| VPPN500WH | D23 |
| VPPN501BK | D23 |
| VPPN501WH | D23 |
| VPPN502BK | D23 |
| VPPN502WH | D23 |
| VPPN503BK | D23 |
| VPPN503WH | D23 |
| VPPN504BK | D23 |
| VPPN504WH | D23 |
| VPPN505BK | D23 |
| VPPN505WH | D23 |
| VPPN512 | D8,K8 |
| VPPN518 | D8,K8 |
| VPPN520BK | D21 |
| VPPN520WH | D21 |
| VPPN522BK | D21 |
| VPPN522WH | D21 |
| VPPN523BK | D21 |
| VPPN523WH | D21 |
| VPPN535BK | D16 |
| VPPN535WH | D16 |
| VPPN536BK | D16 |
| VPPN536WH | D16 |
| VPPN550BK | D19 |
| VPPN550WH | D19 |
| VPPN551BK | D19 |
| VPPN551WH | D19 |
| VPPN552BK | D19 |
| VPPN552WH | D19 |
| VPPN553BK | D19 |
| VPPN553WH | D19 |
| VPPN570BK | D14 |
| VPPN570WH | D14 |

Wiring Accessories Index



| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| VPPN571UBK | D14 | VPSB024BK | D25 | VPSB170WH | D29 | VPSB426BK | D7,K10 | VPSB752BK | D19 | VPSC115WH | D28 |
| VPPN571UWH | D14 | VPSB024WH | D25 | VPSB1836BK | D17 | VPSB426WH | D7,K10 | VPSB752WH | D19 | VPSC120BK | D28 |
| VPPN580BK | D15 | VPSB025BK | D5 | VPSB1836WH | D17 | VPSB471BK | D7,K10 | VPSB753BK | D19 | VPSC120WH | D28 |
| VPPN580WH | D15 | VPSB025WH | D5 | VPSB185 | D11 | VPSB471WH | D7,K10 | VPSB753WH | D19 | VPSC121BK | D28 |
| VPPN585BK | D15 | VPSB035BK | D16 | VPSB186 | D11 | VPSB472BK | D7,K10 | VPSB770BK | D14 | VPSC121WH | D28 |
| VPPN585WH | D15 | VPSB035WH | D16 | VPSB200BK | D22 | VPSB472WH | D7,K10 | VPSB770WH | D14 | VPSC125BK | D28 |
| VPPN586BK | D15 | VPSB036BK | D16 | VPSB200WH | D22 | VPSB512 | D8,K8 | VPSB771UBK | D14 | VPSC125WH | D28 |
| VPPN586WH | D15 | VPSB036WH | D16 | VPSB201BK | D22 | VPSB518 | D8,K8 | VPSB771UWH | D14 | VPSC126BK | D28 |
| VPPN622BK | D20 | VPSB038BK | D17 | VPSB201WH | D22 | VPSB520BK | D21 | VPSB780BK | D15 | VPSC126WH | D28 |
| VPPN622WH | D20 | VPSB038WH | D17 | VPSB202BK | D22 | VPSB520WH | D21 | VPSB780WH | D15 | VPSC140PL | D11 |
| VPPN623BK | D20 | VPSB039BK | D17 | VPSB202WH | D22 | VPSB522BK | D21 | VPSB785BK | D15 | VPSC152PL | D11 |
| VPPN623WH | D20 | VPSB039WH | D17 | VPSB203BK | D22 | VPSB522WH | D21 | VPSB785WH | D15 | VPSC1535BK | D17 |
| VPPN650BK | D18 | VPSB050BK | D18 | VPSB203WH | D22 | VPSB523BK | D21 | VPSB786BK | D15 | VPSC1535WH | D17 |
| VPPN650WH | D18 | VPSB050WH | D18 | VPSB20401 | J114 | VPSB523WH | D21 | VPSB786WH | D15 | VPSC1536BK | D17 |
| VPPN651BK | D18 | VPSB051BK | D18 | VPSB20402 | J114 | VPSB535BK | D16 | VPSC011BK | D5 | VPSC1536WH | D17 |
| VPPN651WH | D18 | VPSB051WH | D18 | VPSB20403 | J115 | VPSB535WH | D16 | VPSC011WH | D5 | VPSC153PL | D11 |
| VPPN652BK | D18 | VPSB052BK | D18 | VPSB20404 | J115 | VPSB536BK | D16 | VPSC012BK | D5 | VPSC154PL | D11 |
| VPPN652WH | D18 | VPSB052WH | D18 | VPSB204BK | D22 | VPSB536WH | D16 | VPSC012WH | D5 | VPSC156BK | D29 |
| VPPN653BK | D18 | VPSB053BK | D18 | VPSB204WH | D22 | VPSB550BK | D19 | VPSC013BK | D5 | VPSC156WH | D29 |
| VPPN653WH | D18 | VPSB053WH | D18 | VPSB20506 | J117 | VPSB550WH | D19 | VPSC013WH | D5 | VPSC157BK | D29 |
| VPPN655BK | D24 | VPSB060 | D25 | VPSB20508 | J117 | VPSB551BK | D19 | VPSC019BK | D5 | VPSC157WH | D29 |
| VPPN655WH | D24 | VPSB061 | D25 | VPSB20509 | J118 | VPSB551WH | D19 | VPSC019WH | D5 | VPSC158BK | D29 |
| VPPN660 | D24 | VPSB065BK | D29 | VPSB20512 | J118 | VPSB552BK | D19 | VPSC020BK | D20 | VPSC158WH | D29 |
| VPPN675BK | D24 | VPSB065WH | D29 | VPSB20518 | J119 | VPSB552WH | D19 | VPSC020WH | D20 | VPSC159BK | D29 |
| VPPN675WH | D24 | VPSB066BK | D29 | VPSB20524 | J120 | VPSB553BK | D19 | VPSC022BK | D20 | VPSC159WH | D29 |
| VPPN722BK | D21 | VPSB066WH | D29 | VPSB205BK | D22 | VPSB553WH | D19 | VPSC022WH | D20 | VPSC161 | D10 |
| VPPN722WH | D21 | VPSB100BK | D25 | VPSB205WH | D22 | VPSB570BK | D14 | VPSC023BK | D20 | VPSC162 | D10 |
| VPPN723BK | D21 | VPSB100WH | D25 | VPSB30535BK | B25 | VPSB570WH | D14 | VPSC023WH | D20 | VPSC163 | D10 |
| VPPN723WH | D21 | VPSB105BK | D5 | VPSB30535WH | B25 | VPSB571UBK | D14 | VPSC024BK | D25 | VPSC164 | D10 |
| VPPN750BK | D19 | VPSB105WH | D5 | VPSB30536BK | B25 | VPSB571UWH | D14 | VPSC024WH | D25 | VPSC170BK | D29 |
| VPPN750WH | D19 | VPSB115BK | D28 | VPSB30536WH | B25 | VPSB580BK | D15 | VPSC025BK | D5 | VPSC170WH | D29 |
| VPPN751BK | D19 | VPSB115WH | D28 | VPSB310 | D30,L10 | VPSB580WH | D15 | VPSC025WH | D5 | VPSC1836BK | D17 |
| VPPN751WH | D19 | VPSB120BK | D28 | VPSB311 | D30,L10 | VPSB585BK | D15 | VPSC035BK | D16 | VPSC1836WH | D17 |
| VPPN752BK | D19 | VPSB120WH | D28 | VPSB31102 | J116 | VPSB585WH | D15 | VPSC035WH | D16 | VPSC185 | D11 |
| VPPN752WH | D19 | VPSB121BK | D28 | VPSB312 | D30,L10 | VPSB586BK | D15 | VPSC036BK | D16 | VPSC186 | D11 |
| VPPN753BK | D19 | VPSB121WH | D28 | VPSB401BK | D7,K10 | VPSB586WH | D15 | VPSC036WH | D16 | VPSC200BK | D22 |
| VPPN753WH | D19 | VPSB125BK | D28 | VPSB401WH | D7,K10 | VPSB622BK | D20 | VPSC038BK | D17 | VPSC200WH | D22 |
| VPPN770BK | D14 | VPSB125WH | D28 | VPSB402BK | D7,K10 | VPSB622WH | D20 | VPSC038GY | D17 | VPSC201BK | D22 |
| VPPN770WH | D14 | VPSB126BK | D28 | VPSB402WH | D7,K10 | VPSB623BK | D20 | VPSC038WH | D17 | VPSC201WH | D22 |
| VPPN771UBK | D14 | VPSB126WH | D28 | VPSB403BK | D7,K10 | VPSB623WH | D20 | VPSC039BK | D17 | VPSC202BK | D22 |
| VPPN771UWH | D14 | VPSB140PL | D11 | VPSB403WH | D7,K10 | VPSB650BK | D18 | VPSC039WH | D17 | VPSC202WH | D22 |
| VPPN780BK | D15 | VPSB152PL | D11 | VPSB404BK | D7,K10 | VPSB650WH | D18 | VPSC050BK | D18 | VPSC203BK | D22 |
| VPPN780WH | D15 | VPSB1535BK | D17 | VPSB404WH | D7,K10 | VPSB651BK | D18 | VPSC050WH | D18 | VPSC203WH | D22 |
| VPPN785BK | D15 | VPSB1535WH | D17 | VPSB406BK | D7,K10 | VPSB651WH | D18 | VPSC051BK | D18 | VPSC20401 | J114 |
| VPPN785WH | D15 | VPSB1536BK | D17 | VPSB406WH | D7,K10 | VPSB652BK | D18 | VPSC051WH | D18 | VPSC20402 | J114 |
| VPPN786BK | D15 | VPSB1536WH | D17 | VPSB411BK | D6 | VPSB652WH | D18 | VPSC052BK | D18 | VPSC20403 | J115 |
| VPPN786WH | D15 | VPSB153PL | D11 | VPSB411WH | D6 | VPSB653BK | D18 | VPSC052WH | D18 | VPSC20404 | J115 |
| VPSB011BK | D5 | VPSB154PL | D11 | VPSB412BK | D6 | VPSB653WH | D18 | VPSC053BK | D18 | VPSC204BK | D22 |
| VPSB011WH | D5 | VPSB156BK | D29 | VPSB412WH | D6 | VPSB655BK | D24 | VPSC053WH | D18 | VPSC204WH | D22 |
| VPSB012BK | D5 | VPSB156WH | D29 | VPSB413BK | D6 | VPSB655WH | D24 | VPSC060 | D25 | VPSC20506 | J117 |
| VPSB012WH | D5 | VPSB157BK | D29 | VPSB413WH | D6 | VPSB660 | D24 | VPSC061 | D25 | VPSC20508 | J117 |
| VPSB013BK | D5 | VPSB157WH | D29 | VPSB414BK | D6 | VPSB675BK | D24 | VPSC065BK | D29 | VPSC20509 | J118 |
| VPSB013WH | D5 | VPSB158BK | D29 | VPSB414WH | D6 | VPSB675WH | D24 | VPSC065WH | D29 | VPSC20512 | J118 |
| VPSB019BK | D5 | VPSB158WH | D29 | VPSB416BK | D6 | VPSB722BK | D21 | VPSC066BK | D29 | VPSC20518 | J119 |
| VPSB019WH | D5 | VPSB159BK | D29 | VPSB416WH | D6 | VPSB722WH | D21 | VPSC066WH | D29 | VPSC20524 | J120 |
| VPSB020BK | D20 | VPSB159WH | D29 | VPSB421 | D12 | VPSB723BK | D21 | VPSC100BK | D25 | VPSC205BK | D22 |
| VPSB020WH | D20 | VPSB161 | D10 | VPSB422 | D12 | VPSB723WH | D21 | VPSC100GY | D25 | VPSC205WH | D22 |
| VPSB022BK | D20 | VPSB162 | D10 | VPSB423 | D12 | VPSB750BK | D19 | VPSC100WH | D25 | VPSC30535BK | B25 |
| VPSB022WH | D20 | VPSB163 | D10 | VPSB424 | D12 | VPSB750WH | D19 | VPSC105BK | D5 | VPSC30535GY | B25 |
| VPSB023BK | D20 | VPSB164 | D10 | VPSB425BK | D6 | VPSB751BK | D19 | VPSC105WH | D5 | VPSC30535WH | B25 |
| VPSB023WH | D20 | VPSB170BK | D29 | VPSB425WH | D6 | VPSB751WH | D19 | VPSC115BK | D28 | VPSC30536BK | B25 |

| | |
|---|---|
| VPSC30536GY | B25 |
| VPSC30536WH | B25 |
| VPSC310 | D30,L10 |
| VPSC311 | D30,L10 |
| VPSC31102 | J116 |
| VPSC312 | D30,L10 |
| VPSC401BK | D7,K10 |
| VPSC401GY | D7,K10 |
| VPSC401WH | D7,K10 |
| VPSC402BK | D7,K10 |
| VPSC402GY | D7,K10 |
| VPSC402WH | D7,K10 |
| VPSC403BK | D7,K10 |
| VPSC403GY | D7,K10 |
| VPSC403WH | D7,K10 |
| VPSC404BK | D7,K10 |
| VPSC404GY | D7,K10 |
| VPSC404WH | D7,K10 |
| VPSC406BK | D7,K10 |
| VPSC406GY | D7,K10 |
| VPSC406WH | D7,K10 |
| VPSC411BK | D6 |
| VPSC411GY | D6 |
| VPSC411WH | D6 |
| VPSC412BK | D6 |
| VPSC412GY | D6 |
| VPSC412WH | D6 |
| VPSC413BK | D6 |
| VPSC413GY | D6 |
| VPSC413WH | D6 |
| VPSC414BK | D6 |
| VPSC414GY | D6 |
| VPSC414WH | D6 |
| VPSC416BK | D6 |
| VPSC416GY | D6 |
| VPSC416WH | D6 |
| VPSC421 | D12 |
| VPSC422 | D12 |
| VPSC423 | D12 |
| VPSC424 | D12 |
| VPSC425BK | D6 |
| VPSC425GY | D6 |
| VPSC425WH | D6 |
| VPSC426BK | D7,K10 |
| VPSC426GY | D7,K10 |
| VPSC426WH | D7,K10 |
| VPSC432BK | D7,K10 |
| VPSC432GY | D7,K10 |
| VPSC432WH | D7,K10 |
| VPSC471BK | D7,K10 |
| VPSC471GY | D7,K10 |
| VPSC471WH | D7,K10 |
| VPSC472BK | D7,K10 |
| VPSC472GY | D7,K10 |
| VPSC472WH | D7,K10 |
| VPSC500BK | D23 |
| VPSC500GY | D23 |
| VPSC500WH | D23 |
| VPSC501BK | D23 |
| VPSC501GY | D23 |
| VPSC501WH | D23 |
| VPSC502BK | D23 |
| VPSC502GY | D23 |
| VPSC502WH | D23 |
| VPSC503BK | D23 |
| VPSC503GY | D23 |
| VPSC503WH | D23 |
| VPSC504BK | D23 |
| VPSC504GY | D23 |
| VPSC504WH | D23 |
| VPSC505BK | D23 |
| VPSC505GY | D23 |
| VPSC505WH | D23 |
| VPSC512 | D8,K8 |
| VPSC518 | D8,K8 |
| VPSC520BK | D21 |
| VPSC520GY | D21 |
| VPSC520WH | D21 |
| VPSC522BK | D21 |
| VPSC522GY | D21 |
| VPSC522WH | D21 |
| VPSC523BK | D21 |
| VPSC523GY | D21 |
| VPSC523WH | D21 |
| VPSC535BK | D16 |
| VPSC535GY | D16 |
| VPSC535WH | D16 |
| VPSC536BK | D16 |
| VPSC536GY | D16 |
| VPSC536WH | D16 |
| VPSC550BK | D19 |
| VPSC550GY | D19 |
| VPSC550WH | D19 |
| VPSC551BK | D19 |
| VPSC551GY | D19 |
| VPSC551WH | D19 |
| VPSC552BK | D19 |
| VPSC552GY | D19 |
| VPSC552WH | D19 |
| VPSC553BK | D19 |
| VPSC553GY | D19 |
| VPSC553WH | D19 |
| VPSC570BK | D14 |
| VPSC570WH | D14 |
| VPSC571UBK | D14 |
| VPSC571UGY | D14 |
| VPSC571UWH | D14 |
| VPSC580BK | D15 |
| VPSC580GY | D15 |
| VPSC580WH | D15 |
| VPSC585BK | D15 |
| VPSC585GY | D15 |
| VPSC585WH | D15 |
| VPSC586BK | D15 |
| VPSC586GY | D15 |
| VPSC586WH | D15 |
| VPSC622BK | D20 |
| VPSC622WH | D20 |
| VPSC623BK | D20 |
| VPSC623WH | D20 |
| VPSC650BK | D18 |
| VPSC650WH | D18 |
| VPSC651BK | D18 |
| VPSC651WH | D18 |
| VPSC652BK | D18 |
| VPSC652WH | D18 |
| VPSC653BK | D18 |
| VPSC653WH | D18 |
| VPSC655BK | D24 |
| VPSC655GY | D24 |
| VPSC655WH | D24 |
| VPSC660 | D24 |
| VPSC675BK | D24 |
| VPSC675WH | D24 |
| VPSC722BK | D21 |
| VPSC722GY | D21 |
| VPSC722WH | D21 |
| VPSC723BK | D21 |
| VPSC723GY | D21 |
| VPSC723WH | D21 |
| VPSC750BK | D19 |
| VPSC750GY | D19 |
| VPSC750WH | D19 |
| VPSC751BK | D19 |
| VPSC751GY | D19 |
| VPSC751WH | D19 |
| VPSC752BK | D19 |
| VPSC752GY | D19 |
| VPSC752WH | D19 |
| VPSC753BK | D19 |
| VPSC753GY | D19 |
| VPSC753WH | D19 |
| VPSC770BK | D14 |
| VPSC770WH | D14 |
| VPSC771UBK | D14 |
| VPSC771UWH | D14 |
| VPSC780BK | D15 |
| VPSC780WH | D15 |
| VPSC785BK | D15 |
| VPSC785WH | D15 |
| VPSC786BK | D15 |
| VPSC786WH | D15 |
| VPSS011BK | D5 |
| VPSS011WH | D5 |
| VPSS012BK | D5 |
| VPSS012WH | D5 |
| VPSS013BK | D5 |
| VPSS013WH | D5 |
| VPSS019BK | D5 |
| VPSS019WH | D5 |
| VPSS020BK | D20 |
| VPSS020WH | D20 |
| VPSS022BK | D20 |
| VPSS022WH | D20 |
| VPSS023BK | D20 |
| VPSS023WH | D20 |
| VPSS024BK | D25 |
| VPSS024WH | D25 |
| VPSS025BK | D5 |
| VPSS025WH | D5 |
| VPSS035BK | D16 |
| VPSS035WH | D16 |
| VPSS036BK | D16 |
| VPSS036WH | D16 |
| VPSS038BK | D17 |
| VPSS038GY | D17 |
| VPSS038WH | D17 |
| VPSS039BK | D17 |
| VPSS039WH | D17 |
| VPSS050BK | D18 |
| VPSS050WH | D18 |
| VPSS051BK | D18 |
| VPSS051WH | D18 |
| VPSS052BK | D18 |
| VPSS052WH | D18 |
| VPSS053BK | D18 |
| VPSS053WH | D18 |
| VPSS060 | D25 |
| VPSS061 | D25 |
| VPSS065BK | D29 |
| VPSS065WH | D29 |
| VPSS066BK | D29 |
| VPSS066WH | D29 |
| VPSS100BK | D25 |
| VPSS100GY | D25 |
| VPSS100WH | D25 |
| VPSS105BK | D5 |
| VPSS105WH | D5 |
| VPSS115BK | D28 |
| VPSS115WH | D28 |
| VPSS120BK | D28 |
| VPSS120WH | D28 |
| VPSS121BK | D28 |
| VPSS121WH | D28 |
| VPSS125BK | D28 |
| VPSS125WH | D28 |
| VPSS126BK | D28 |
| VPSS126WH | D28 |
| VPSS140PL | D11 |
| VPSS152PL | D11 |
| VPSS1535BK | D17 |
| VPSS1535WH | D17 |
| VPSS1536BK | D17 |
| VPSS1536WH | D17 |
| VPSS153PL | D11 |
| VPSS154PL | D11 |
| VPSS156BK | D29 |
| VPSS156WH | D29 |
| VPSS157BK | D29 |
| VPSS157WH | D29 |
| VPSS158BK | D29 |
| VPSS158WH | D29 |
| VPSS159BK | D29 |
| VPSS159WH | D29 |
| VPSS161 | D10 |
| VPSS162 | D10 |
| VPSS163 | D10 |
| VPSS164 | D10 |
| VPSS170BK | D29 |
| VPSS170WH | D29 |
| VPSS1836BK | D17 |
| VPSS1836WH | D17 |
| VPSS185 | D11 |
| VPSS186 | D11 |
| VPSS200BK | D22 |
| VPSS200WH | D22 |
| VPSS201BK | D22 |
| VPSS201WH | D22 |
| VPSS202BK | D22 |
| VPSS202WH | D22 |
| VPSS203BK | D22 |
| VPSS203WH | D22 |
| VPSS20401 | J114 |
| VPSS20402 | J114 |
| VPSS20403 | J115 |
| VPSS20404 | J115 |
| VPSS204BK | D22 |
| VPSS204WH | D22 |
| VPSS20506 | J117 |
| VPSS20508 | J117 |
| VPSS20509 | J118 |
| VPSS20512 | J118 |
| VPSS20518 | J119 |
| VPSS20524 | J120 |
| VPSS205BK | D22 |
| VPSS205WH | D22 |
| VPSS30535BK | B25 |
| VPSS30535GY | B25 |
| VPSS30535WH | B25 |
| VPSS30536BK | B25 |
| VPSS30536GY | B25 |
| VPSS30536WH | B25 |
| VPSS310 | D30,L10 |
| VPSS311 | D30,L10 |
| VPSS31102 | J116 |
| VPSS312 | D30,L10 |
| VPSS401BK | D7,K10 |
| VPSS401GY | D7,K10 |
| VPSS401WH | D7,K10 |
| VPSS402BK | D7,K10 |
| VPSS402GY | D7,K10 |
| VPSS402WH | D7,K10 |
| VPSS403BK | D7,K10 |
| VPSS403GY | D7,K10 |
| VPSS403WH | D7,K10 |
| VPSS404BK | D7,K10 |
| VPSS404GY | D7,K10 |
| VPSS404WH | D7,K10 |
| VPSS406BK | D7,K10 |
| VPSS406GY | D7,K10 |
| VPSS406WH | D7,K10 |
| VPSS411BK | D6 |
| VPSS411GY | D6 |
| VPSS411WH | D6 |
| VPSS412BK | D6 |
| VPSS412GY | D6 |
| VPSS412WH | D6 |
| VPSS413BK | D6 |
| VPSS413GY | D6 |
| VPSS413WH | D6 |
| VPSS414BK | D6 |
| VPSS414GY | D6 |
| VPSS414WH | D6 |
| VPSS416BK | D6 |
| VPSS416GY | D6 |
| VPSS416WH | D6 |
| VPSS421 | D12 |
| VPSS422 | D12 |
| VPSS423 | D12 |
| VPSS424 | D12 |
| VPSS425BK | D6 |
| VPSS425GY | D6 |
| VPSS425WH | D6 |
| VPSS426BK | D7,K10 |
| VPSS426GY | D7,K10 |
| VPSS426WH | D7,K10 |
| VPSS432BK | D7,K10 |
| VPSS432GY | D7,K10 |
| VPSS432WH | D7,K10 |
| VPSS471BK | D7,K10 |
| VPSS471GY | D7,K10 |
| VPSS471WH | D7,K10 |
| VPSS472BK | D7,K10 |
| VPSS472GY | D7,K10 |
| VPSS472WH | D7,K10 |
| VPSS500BK | D23 |
| VPSS500GY | D23 |
| VPSS500WH | D23 |
| VPSS501BK | D23 |
| VPSS501GY | D23 |
| VPSS501WH | D23 |
| VPSS502BK | D23 |
| VPSS502GY | D23 |
| VPSS502WH | D23 |
| VPSS503BK | D23 |
| VPSS503GY | D23 |
| VPSS503WH | D23 |
| VPSS504BK | D23 |
| VPSS504GY | D23 |
| VPSS504WH | D23 |
| VPSS505BK | D23 |
| VPSS505GY | D23 |
| VPSS505WH | D23 |
| VPSS512 | D8,K8 |
| VPSS518 | D8,K8 |
| VPSS520BK | D21 |
| VPSS520GY | D21 |
| VPSS520WH | D21 |
| VPSS522BK | D21 |
| VPSS522GY | D21 |
| VPSS522WH | D21 |
| VPSS523BK | D21 |
| VPSS523GY | D21 |
| VPSS523WH | D21 |
| VPSS535BK | D16 |
| VPSS535GY | D16 |
| VPSS535WH | D16 |
| VPSS536BK | D16 |
| VPSS536GY | D16 |
| VPSS536WH | D16 |
| VPSS550BK | D19 |
| VPSS550GY | D19 |
| VPSS550WH | D19 |
| VPSS551BK | D19 |
| VPSS551GY | D19 |
| VPSS551WH | D19 |

| | |
|---|---|
| VPSS552BK | D19 |
| VPSS552GY | D19 |
| VPSS552WH | D19 |
| VPSS553BK | D19 |
| VPSS553GY | D19 |
| VPSS553WH | D19 |
| VPSS570BK | D14 |
| VPSS570WH | D14 |
| VPSS571UBK | D14 |
| VPSS571UGY | D14 |
| VPSS571UWH | D14 |
| VPSS580BK | D15 |
| VPSS580GY | D15 |
| VPSS580WH | D15 |
| VPSS585BK | D15 |
| VPSS585GY | D15 |
| VPSS585WH | D15 |
| VPSS586BK | D15 |
| VPSS586GY | D15 |
| VPSS586WH | D15 |
| VPSS622BK | D20 |
| VPSS622WH | D20 |
| VPSS623BK | D20 |
| VPSS623WH | D20 |
| VPSS650BK | D18 |
| VPSS650WH | D18 |
| VPSS651BK | D18 |
| VPSS651WH | D18 |
| VPSS652BK | D18 |
| VPSS652WH | D18 |
| VPSS653BK | D18 |
| VPSS653WH | D18 |
| VPSS655BK | D24 |
| VPSS655GY | D24 |
| VPSS655WH | D24 |
| VPSS660 | D24 |
| VPSS675BK | D24 |
| VPSS675WH | D24 |
| VPSS722BK | D21 |
| VPSS722GY | D21 |
| VPSS722WH | D21 |
| VPSS723BK | D21 |
| VPSS723GY | D21 |
| VPSS723WH | D21 |
| VPSS750BK | D19 |
| VPSS750GY | D19 |
| VPSS750WH | D19 |
| VPSS751BK | D19 |
| VPSS751GY | D19 |
| VPSS751WH | D19 |
| VPSS752BK | D19 |
| VPSS752GY | D19 |
| VPSS752WH | D19 |
| VPSS753BK | D19 |
| VPSS753GY | D19 |
| VPSS753WH | D19 |
| VPSS770BK | D14 |
| VPSS770WH | D14 |
| VPSS771UBK | D14 |
| VPSS771UWH | D14 |
| VPSS780BK | D15 |
| VPSS780WH | D15 |
| VPSS785BK | D15 |
| VPSS785WH | D15 |
| VPSS786BK | D15 |
| VPSS786WH | D15 |

**W**

| | |
|---|---|
| WA037RD | N34 |
| WA049RD | N35 |
| WA056RD | N35 |
| WA070 | N42 |
| WA071 | N42 |
| WA072 | N42 |
| WA073 | N42 |
| WA074 | N42 |
| WA075 | N42 |
| WA076 | N42 |
| WA077 | N42 |
| WA078 | N42 |
| WA079 | N42 |
| WA081RD | N34 |
| WA087P | B32,D32,E24,F68,G36,H28,I20,M17,N7 |
| WA087SF | B32,D32,E24,F68,G36,H28,I20,M17,N7 |
| WA088P | B32,D32,E24,F68,G36,H28,I20,M17,N7 |
| WA088SF | B32,D32,E24,F68,G36,H28,I20,M17,N7 |
| WA092 | B32,C34,D31,E23,F67,G36,H28,I20,M17,N4-N5 |
| WA093 | B32,C34,D31,E23,F67,G36,H28,I20,M17,N4-N5 |
| WA094 | B32,C34,D31,E23,F67,G36,H28,I20,M17,N4-N5 |
| WA095 | B32,C34,D31,E23,F67,G36,H28,I20,M17,N4-N5 |
| WA096 | B32,C34,D31,E23,F67,G36,H28,I20,M17,N4-N5 |
| WA097 | B32,C34,D31,E23,F67,G36,H28,I20,M17,N4-N5 |
| WA098 | B32,C34,D31,E23,F67,G36,H28,I20,M17,N4-N5 |
| WA099 | B32,C34,D31,E23,F67,G36,H28,I20,M17,N4-N5 |
| WA102 | B32,C34,D31,E23,F67,G36,H28,I20,M17,N4-N5 |
| WA106P | B32,D32,E24,F68,G36,H28,I20,M17,N7 |
| WA106SF | B32,D32,E24,F68,G36,H28,I20,M17,N7 |
| WA107P | B32,D32,E24,F68,G36,H28,I20,M17,N7 |
| WA107SF | B32,D32,E24,F68,G36,H28,I20,M17,N7 |
| WA108P | B32,D32,E24,F68,G36,H28,I20,M17,N7 |
| WA179 | N34 |
| WA180 | N34 |
| WA185 | N34 |
| WA191 | N4 |
| WA192 | N4 |
| WA20518 | J147,N6 |
| WA20524 | J147,N6 |
| WA220 | N43 |
| WA222 | N43 |
| WA227 | N43 |
| WA228 | N43 |
| WA370 | C34,D31,E23,N5 |
| WA375 | C34,D31,E23,N5 |
| WA401RD | K16,N35 |
| WA402RD | K16,N35 |
| WA403RD | K16,N35 |
| WA4135 | B33,D32,E24,F68,G37,H28,I21,M17,N8 |
| WA4147 | B33,D32,E24,F68,G37,H28,I21,M17,N8 |
| WA4235 | B33,D32,E24,F68,G37,H28,I21,M17,N8 |
| WA4247 | B33,D32,E24,F68,G37,H28,I21,M17,N8 |
| WA512 | C19,D9,G9,H9,I10,J146,K7,N6 |
| WA518 | C19,D9,G9,H9,I10,J146,K7,N6 |

Wiring Accessories Index



| | |
|---|---|
| WA571 | C34,D31,E23,N5 |
| WA572 | C34,D31,E23,N5 |
| WA671 | B32,C34,D31,E23,F67,G36,H28,I20,M17,N4-N5 |
| WA672 | B32,C34,D31,E23,F67,G36,H28,I20,M17,N4-N5 |

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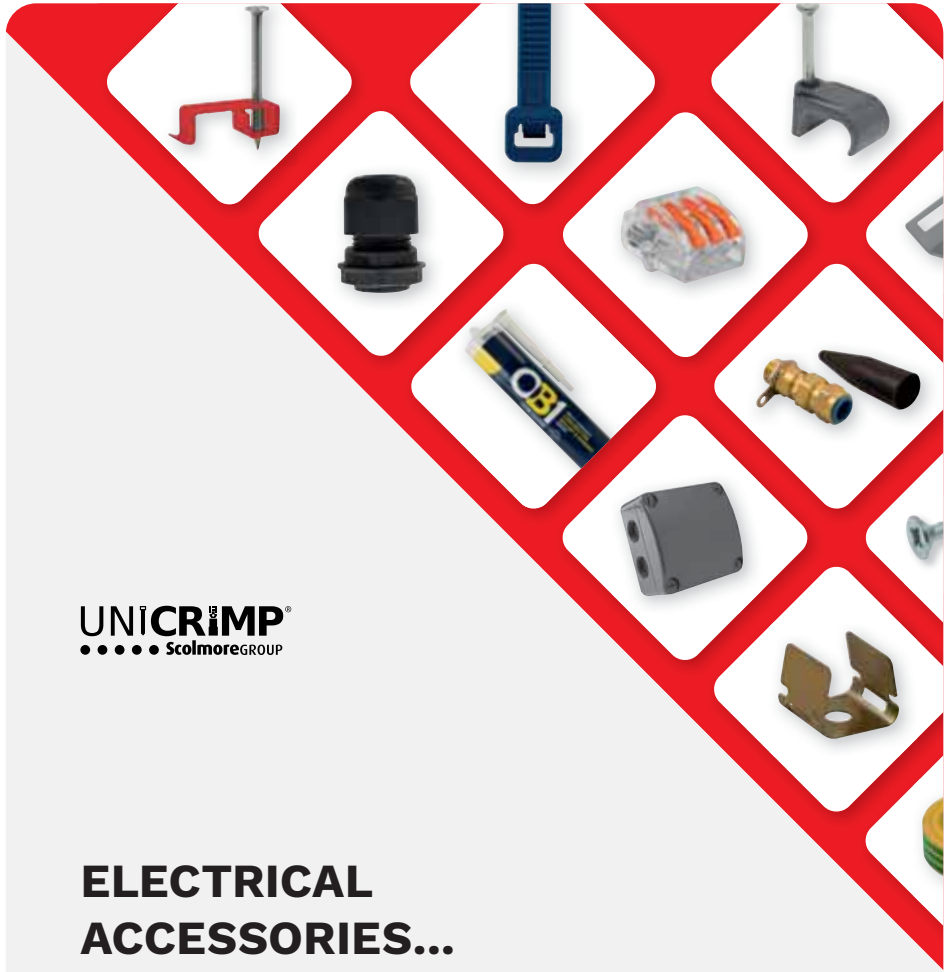

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# ELECTRICAL ACCESSORIES...

Established as a new business by the Scolmore® Group in 2015, Unicrimp® brings to the electrical contracting industry a comprehensive range of cable accessory products.

Aligned with the core values of the Scolmore® Group of companies, Unicrimp® offers the same levels of outstanding customer service, high quality products and commitment to new product development.

WORLD
LAND
TRUST™

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CBP2262

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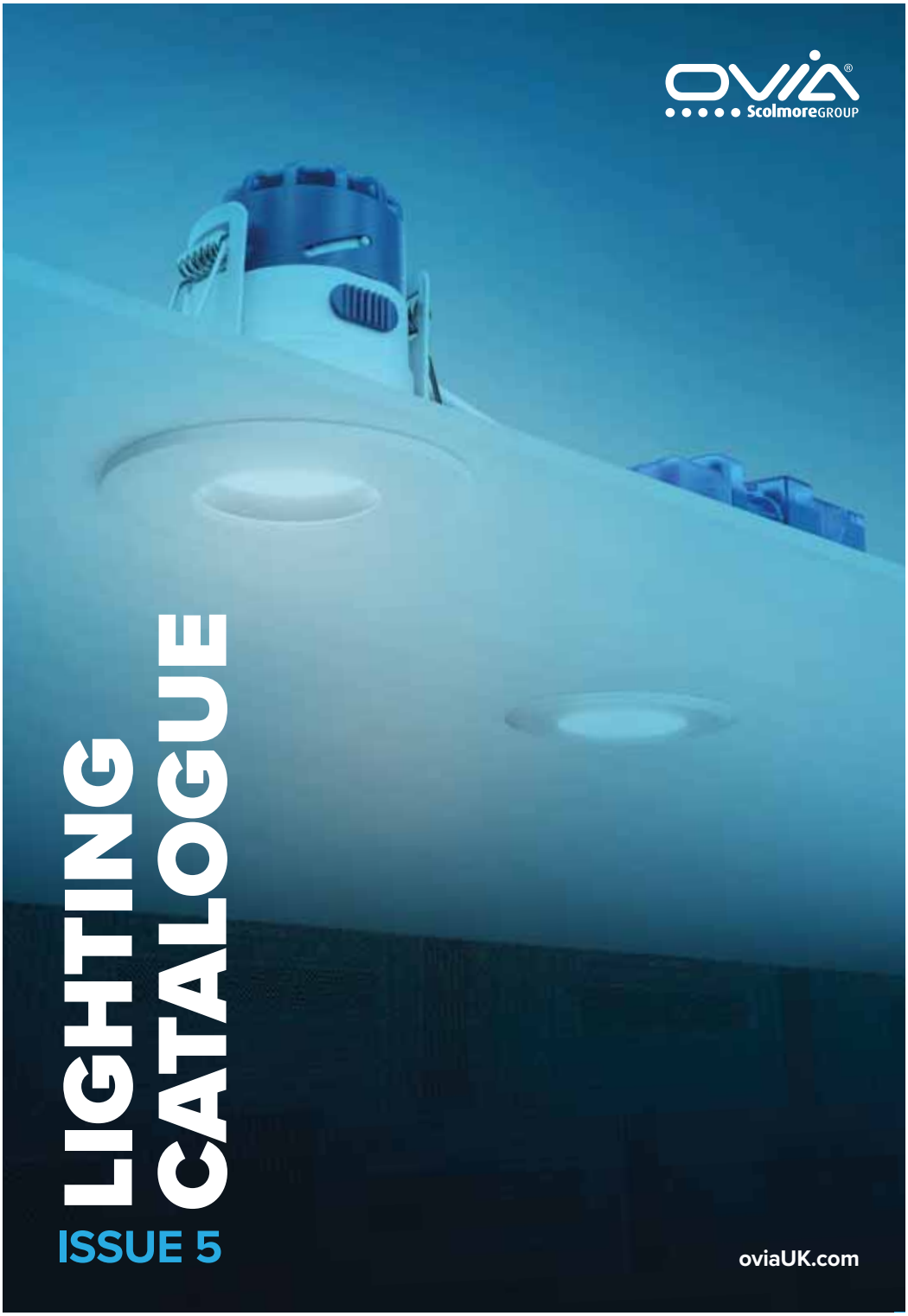
MAR8941/15

Errors and Omissions excluded. Specification is subject to change without notice.


OVIA
Scolmore GROUP
LIGHTING
CATALOGUE
ISSUE 5
oviaUK.com

# WELCOME TO OVIA® LIGHTING

SCAN TO VIEW OUR TRADE PRICELIST

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## Lighting solutions optimised for performance, energy efficiency & safety...

Ovia has been operating as an independent lighting company within Scolmore Group since 2019 and has firmly established its reputation as a leading supplier of lighting solutions to the professional electrical contract market.

We continue to invest in new product development to expand our product offer, to bring to market a comprehensive range of fittings and lighting controls that are contractor friendly, innovative and can be sourced through the reliable wholesale channel.

With around 930 individual product lines available, installers can have confidence that there is a light fitting or solution to meet their every requirement.

The extensive Ovia collection will provide solutions for a whole spectrum of projects in a broad variety of sectors, including domestic, commercial, industrial, utility, amenity, emergency lighting and floodlighting. The lighting offer is further enhanced with a full range of lighting control solutions that will optimise energy saving credentials.

We have a huge resource to call on and a very experienced team in place to manage stocks and the supply chain to ensure that we continue to deliver a first-class service to our customers.

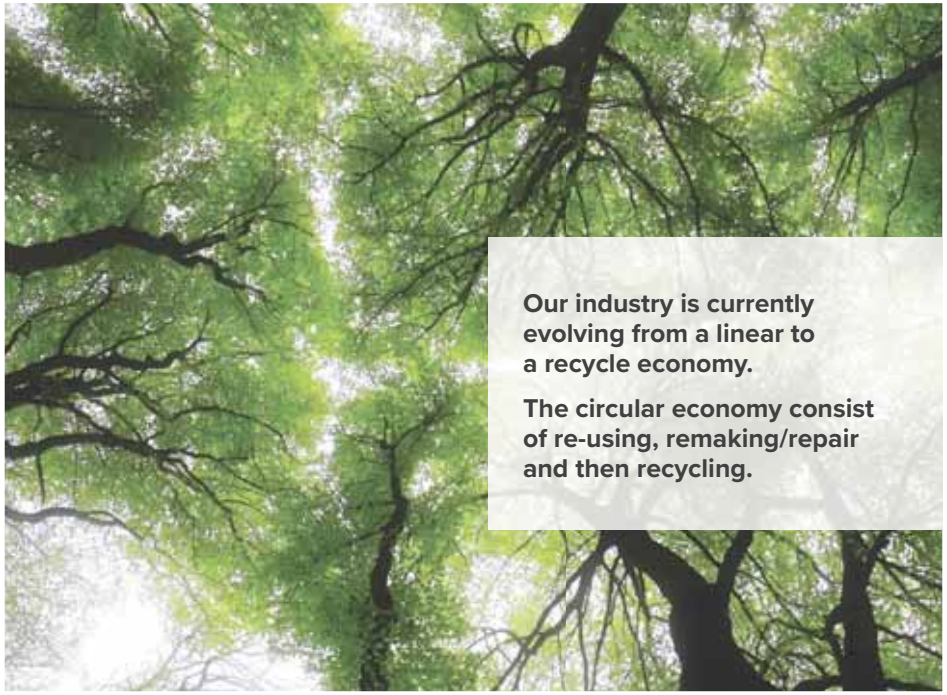
nqa ISO 9001 QUALITY MANAGEMENT

**ISO 9001 - QUALITY MANAGEMENT SYSTEM**

Ovia® is an ISO certified company with certification for ISO 9001:2015 Quality Standard.

# SUSTAINABLE INCEPTOR®

Sustainability drives all of our decisions and actions.
We prioritise sustainability in all aspects of our business operations. Ovia® aims to become market leaders in sustainable lighting.



Our industry is currently evolving from a linear to a recycle economy.

The circular economy consist of re-using, remaking/repair and then recycling.

# SWITCH TO INCEPTOR®

Throughout our extensive range of lighting solutions we have a number of products that are part of our Pro Range which are identified by the name Inceptor®.

Inceptor® products were developed with the contractor in mind, providing some time saving installation features as a key design characteristics.

Look out for the switch to Inceptor® section on the packaging of all Pro Range products for details on all the additional features these products offer.

In order to identify the Inceptor® brand throughout this catalogue we have created an icon on the pages relating to this range for ease of reference.

# HOW TESTING WORKS

**To test our products we complete the TM66 form created by CIBSE.**

Testing involves gathering thorough evidence which supports the specifications of our product ranges and we provide reports.

We deconstruct our products to show the disassembly and material used. This also demonstrates the ability to recycle or refurbish the different materials.

The ecosystem of our company is also thoroughly investigated to navigate what we offer to support a circular economy, for example technical support, warranty lengths, photometry data and so on.

**Why we use the LIA to verify our TM66 test results...**

Gaining the correct score is important to us, it allows us to understand where we stand in the process of achieving more sustainable product ranges. Therefore we use the LIA to verify our results, this ensures we have a consistent and accurate rating without any bias towards the products.

We are proud advocates in using TM66 and have been given the opportunity to be founding partners, demonstrating our commitment to a circular economy for our industry.

CIBSE LIGHTING INDUSTRY ASSOCIATION
TM66 CIRCULARITY
LIA CIBSE

**2.5 - 4**
**EXCELLENT**
CIRCULARITY PERFORMANCE

**1.5 - 2.5**
**SUBSTANTIAL**
CIRCULARITY PERFORMANCE

**0.5 - 1.5**
**SOME**
CIRCULARITY PERFORMANCE

**0 - 0.5**
**POOR**
CIRCULARITY PERFORMANCE

# OUR CIRCULAR ECONOMY

**In our efforts towards a circular economy the following products sit in the 1.5-2.5 score range of the TM66 Circularity Report.**

College LED Linear Batten

## INCEPTOR® A-LITE

5YR WARRANTY · IP20 · LI-ION · TP(a) · CCT

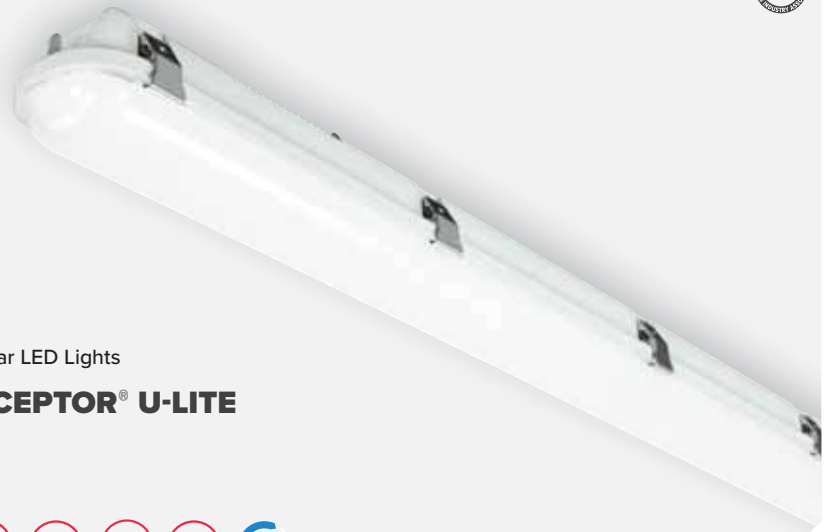
Multi-Current LED Linear Batten

## INCEPTOR® RIO

5YR WARRANTY · IP44 · TP(b) · <19 UGR · CCT

Linear LED Lights

## INCEPTOR® U-LITE



5YR WARRANTY · IP65 · LI-ION · IK08 · CCT

Up & Down Linear Luminaire

## INCEPTOR® DUO

5YR WARRANTY · IP20 · LI-ION · CCT

Linear Batten Multi-Current LED Light

## INCEPTOR® B-LITE

5YR WARRANTY · IP20 · IK08 · LI-ION · TP(a)

# OUR CIRCULAR ECONOMY

**In our efforts towards a circular economy the following products sit in the 1.5-2.5 score range of the TM66 Circularity Report.**

LED Dimmable Highbay

## INCEPTOR® HI-LITE

6 YR WARRANTY · IP65 · IK10 · CCT

LED Wall Pack

## INCEPTOR® MURUS

5 YR WARRANTY · IP66 · IK10 · CCT

Adaptable Downlight with CCT Switch

## INCEPTOR® APTO

3 YR WARRANTY · CCT

# OUR INCEPTOR® PROMISE

**We are working towards a circular economy & promise our Inceptor products will get to the standards set by the TM66 report.**

LED Bulkhead

## INCEPTOR® EVO

5 YR WARRANTY · IP65

LED Asymmetric Floodlight

## INCEPTOR® ACE

5 YR WARRANTY · IP65 · IK06

Low Glare Panel Lights

## INCEPTOR® SKYLAR

5 YR WARRANTY · IP20 · 3 IN 1 · <16 UGR

Low UGR Diffuser

## INCEPTOR® SLATE

5 YR WARRANTY · IP44 · TP(a)

Dimmable Fire-Rated LED Downlight

## INCEPTOR® MILLI

5 YR WARRANTY · IP65 · CCT

# RELUX MEMBER

Relux is the world's leading software application for professional lighting planning and has specialised in the development of lighting planning and product presentation software for more than 20 years. It is recognised by the LIA (Lighting Industry Association) which offers Relux lighting software courses.

Ovia's acceptance as a Relux member is a huge achievement, coming just three years after the company was first established as an independent lighting company within Scolmore Group. It means that the extensive Ovia lighting directory of products and all its photometric data is now embedded in Relux and can be accessed free of charge. Relux currently has over 200,000 users worldwide.

Relux provides its users – lighting consultants, designers and specifiers - with access to more than one million luminaires and sensors from leading manufacturers in order to guarantee the maximum possible quality in their lighting calculations. It enables designers to plan their projects with accurate and complete product data.

RELUX applications are noted for their precise calculation values and compliance with standards, plus an intuitive user interface. Whether daylight or artificial light, interior or outdoor areas, street or tunnel lighting, or sensor planning, Relux supports users in their professional lighting planning and contributes to bringing projects to a successful conclusion.



# FREE LIGHTING AND CONNECTION DESIGN SERVICE

Ovia® is offering a dedicated lighting & connection design service, allowing customers to access free lighting design schemes for their commercial projects.

The free service is available to electrical contracting companies, M&E consultants and anyone involved in the specification of lighting and lighting control equipment.

Providing expertise in selecting the right products and solutions, to create a scheme that meets all the requirements and objectives of the project in question, and that is compliant with all the relevant regulations and standards.

The lighting & connection design request will normally come through the Ovia® area sales managers, who will be actively promoting the service and will be the first point of contact to field the inquiry. An Ovia® Pre-qualification Form will need to be completed for each request, with the aim of gathering as much relevant information as possible about the project and any specific requirements. Where necessary a site visit will take place.

Once all the relevant information is gathered, including drawings and specifications, and taking into consideration the customer's requirements together with the latest legislations and guidelines, a Lighting Design Proposal will be prepared. A schedule of lighting and lighting controls will be shared with the Ovia® internal sales team who will prepare a quotation.

The Lighting Design Proposal and prepared quotation will be sent back to the Ovia® sales team member and the quote will then either go through the wholesaler of choice, or the inquiry will be directed through one of Ovia's supporting Elite stockists.

# ON SITE WARRANTY

**1 & 2 YEAR WARRANTIES.**
Ovia® offers an on-site warranty of 1 to 2 years dependant on registration of the Inceptor® luminaires.

Our on-site warranty icon highlights the Inceptor® products that offer this feature.

**HOW TO REGISTER:**
In order to register a product purchase and to extend the 1 year on-site warranty to a 2 year on-site warranty you will need to register the product via this link **https://oviauk.com/on_site_warranty/** within 6 months of date of purchase.

ON SITE WARRANTY

1 YEAR STANDARD

2 YEAR REGISTERED



# CLICK® FLOW

**Makes wiring a lighting circuit easy, using a combination of connectors, hubs and management boxes.**

## SIMPLE CONNECTIVITY & CONTROL

PRE-WIRED flow CONNECTOR

**PRODUCTS FROM THE OVIA® RANGE FEATURING CLICK FLOW DISPLAY THIS ICON.**

With the emphasis now on flexibility & ease of installation many building design projects are focusing on products & services that can adapt to changing legislation, energy efficiency & the ever changing needs of the client.

The Lighting Management System has been designed specifically to help contractors create more complex lighting installations quickly, easily & safely. It features a number of products that allow the quick connection, configuration & re-configuration of circuits, primarily intended for lighting.

Flexibility is important as requirements can change & the ability to adapt to these changes quickly & economically is seen as an advantage. The development of this range has evolved as a result of the increasing demand from our customers.

# GENERAL PRODUCT ICON GUIDE

We have designed a range of simple icons to make searching for the right product for your project quick and easy!

## COLOUR TEMPERATURE

The icons below demonstrate the different colour temperatures available for that product.
The CCT icon highlights a product that has an adjustable colour temperature.

## AVAILABLE FINISHES

The icons below demonstrate the different finishes available for that product.

## PRODUCT WARRANTIES

The icons below demonstrate the number of years warranty the product has.

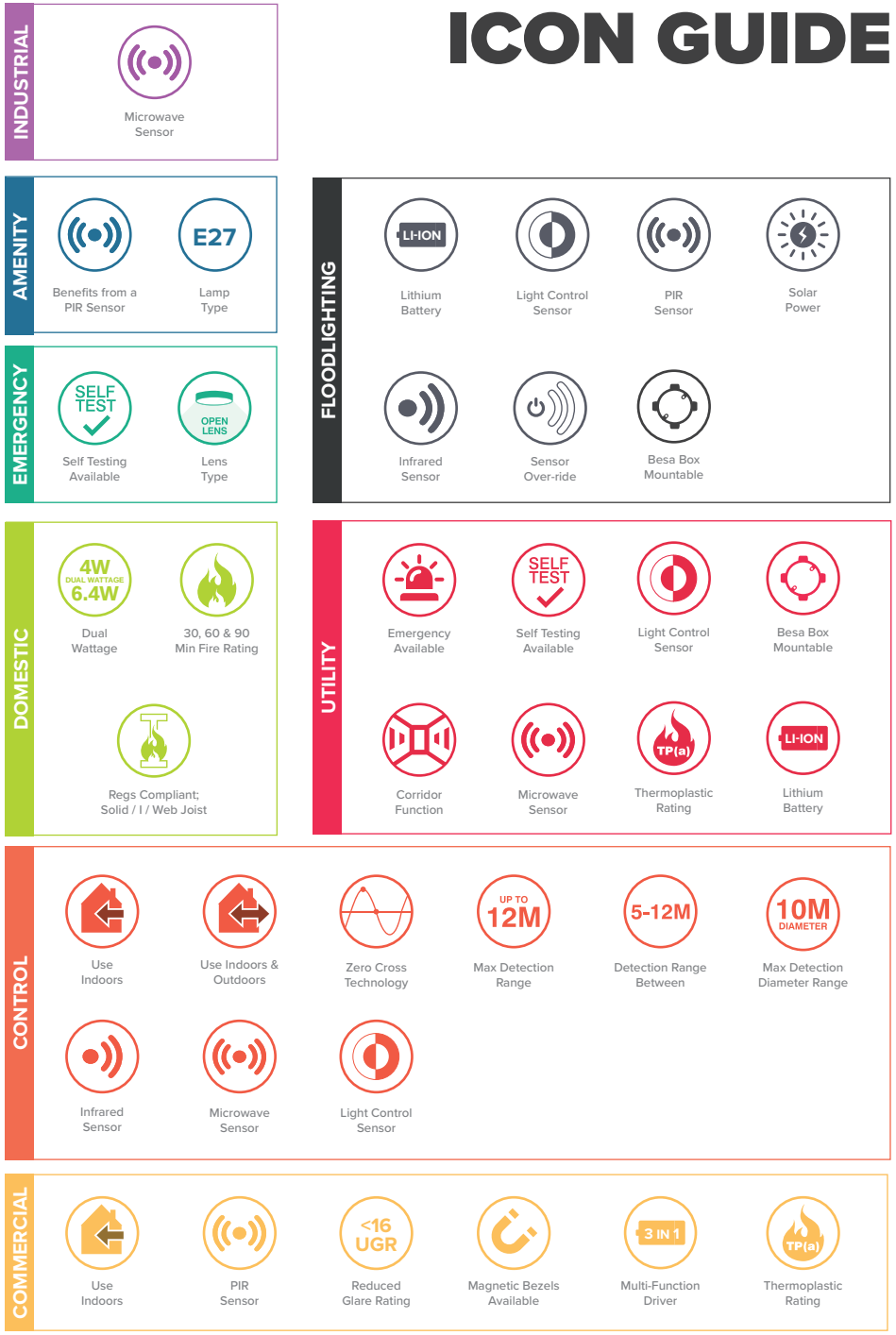
## GENERAL PRODUCT ICONS

The icons below will be used throughout each section in this catalogue.
They highlight the general information from each product.

TM66 Approved | Inceptor Product | Product is Dimmable | Ingress Protection | Impact Protection | Beam Angle | Lifetime



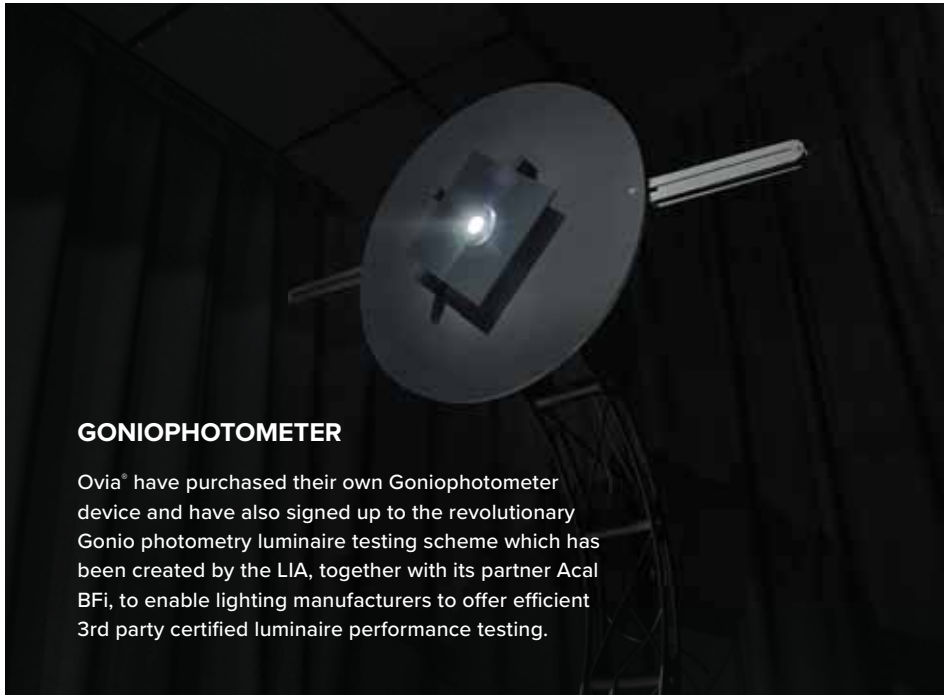
# ICON GUIDE



# OVIA® LIGHTING LABORATORY

Ovia® continues its efforts to stay one step ahead in a competitive marketplace, with significant investment in new testing equipment and a cutting-edge photometry luminaire testing scheme, which will bring the company's light testing facility in house.

The Scheme is built around the class-leading Viso systems LapSpion goniometer. Its cutting edge technology eliminates the need for a traditional goniometer and/or integrating sphere and allows manufacturers to perform these tests quickly and accurately on their own premises, without the need for a large dedicated dark room. It gives participants the ability to scan light sources and luminaires quickly and easily, creating quality, ease to understand light measurement data.



## GONIOPHOTOMETER

Ovia® have purchased their own Goniophotometer device and have also signed up to the revolutionary Gonio photometry luminaire testing scheme which has been created by the LIA, together with its partner Acal BFi, to enable lighting manufacturers to offer efficient 3rd party certified luminaire performance testing.

## PHOTOMETRY LUMINAIRE TESTING SCHEME

As well as radically speeding up the testing process for Ovia's lighting products, the ground breaking scheme will also offer reassurance when it comes to validating photometric measurements such as Lumens per Watt and related performance claims.

Full photometric scans can take from as little as two minutes and once ready, the data is sent securely via a dedicated cloud server to the LIA Laboratory for validation. The LIA Laboratory will then be able to issue third party reports without the need for product samples to be transported around the country or the world.

# MARKETING SUPPORT

## OVIA® WEBSITE

Visit oviaUK.com & Ovia.ie to see our websites! Showcasing the full range of quality, cost effective products currently on offer. With regular updates on new products, as well as details of developments within our business, the site is a great source of information keeping you fully up to date with the click of a button.

- Product Finder
- Technical Specification Brochures
- Product Technical Specification Sheets
- Photometrics
- Instruction Manuals

## MARKETING HUB

The Marketing Hub is the latest update to the Ovia® website giving customers the opportunity to enhance their own marketing facilities with very little effort or cost.

A selection of templates are available featuring many of our popular products. These templates can be customised with our stockists' details to provide maximum impact and optimise local sales opportunities.

## DISPLAY BOARDS

We offer a vast range of point of sale displays to promote our products in your showroom.

## OVIA® ONLINE ORDERING

**WWW.OVIAONLINE.COM | WWW.OVIAONLINE.IE**

To register E-mail us at **sales@oviaUK.com** or **sales@ovia.ie** or call our sales office on **01827 300 640 (UK)** or **01-912 3462 (Ireland)** and one of our sales representatives will be more than happy to get you online.

- Our PDF upload feature eliminates the need for time consuming manual data entry, simply upload your purchase order PDF and we will extract the information for you so you can add the products straight to your basket within seconds
- Ordering 24 hours a day 7 days a week with the ability to check current stock levels as required, meaning you are not restricted to ordering during normal office hours
- Access to online catalogues will keep you fully updated with the complete product range and provide information on new products as and when they become available
- The order tracking service keeps you up to date with the progress of your shipment.
- Managing your administration paperwork is now even easier with instant access to reports and essential documents at a click of a button.
- A 'quick buy tab' and the ability to store the most common orders for repeated use, adds to the versatility and flexibility of the revised system.

## OVIA® PRODUCT FINDER

Our product finder tool makes it easier than ever for electricians, wholesalers and end users to search and locate products from across all categories, with just a few clicks.

OVIA® ELITE STOCKIST

## ARE YOU AN OVIA® ELITE STOCKIST?

If so, you automatically have access to the Marketing Hub. Download all our latest literature, flyers to personalise and our full range of images for use on your website or artwork.

Follow links from **oviaUK.com** or **ovia.ie** for more information.

# SCOLMORE® GROUP APP

The Scolmore® Group app allows you to use your smart phone to browse our complete range of products, add products to your Favourites or to the Quote Basket and allows you to email the contents of the basket back to yourself.

With Scolmore®, Ovia® Lighting, ESP® & Unicrimp® products available you can use the search facility to easily locate the products required.

Our App also has a useful tool kit featuring: Quick Quote Calculator, Zs Values, Cables Selection & Voltage (V~) Drop, Adiabatic Equation Calculator, Power Factor Calculator, KVA Converter, Lighting Cost Saving Calculator, Lighting No. Calculator and many more...

# OVIA® MOBILE SHOWROOM

**If you wish to book our Ovia® mobile showroom please get in touch with your local area sales manager!**

The eye-catching, branded vehicle transforms into a spacious and stylish showroom, fitted out with the very latest products which are mounted on display panels.

With room for a hospitality table and concealed storage for presentation materials and samples, the air conditioned, fully glazed unit provides an ideal space in which to host seminars and presentations and provide product training sessions for visitors.

# CONTENTS


## 25 CLICK FLOW

Flow™ Accessories 28

## 41 DOMESTIC LIGHTING

Inceptor® Milli 48
Inceptor® OmniV2 52
Inceptor® NanoV2 56
Inceptor® Nano5 60
Pico 64
Pico FG 65
FlameGuard® 70
Baylis 75
LED Lamps 78
Novus 80
Nova 82
Ovo 83
Inceptor® Intense 84

## 105 AMENITY LIGHTING

Twist 109
Verta 110
Avori 112
Centuri 114
Eden 116
Orna 118
Quadra 119
Durus 120
Spear 121
Tribus 122
Holborn 124
Trinity 126
Neo 128
Adorna 129
Nova 130
Ovo 131

## 133 CONTROL

Recessed PIR 138
Surface Microwave 140
Surface PIR 142
Wall PIR 146
Luminaire PIR 150

## 155 UTILITY LIGHTING

Inceptor® Evo 158
Evo 168
Evo Orb 176
Evo Deco XL 182
Evo Deco XL 184
Evo Slim Mini 186
Evo Slim 188
Barra 190
Velo 192
Rex 194
Inceptor® Rio 198

## 155 UTILITY LIGHTING

Inceptor® A-lite 202
Inceptor® Duo 224
Inceptor® B-Lite 234
Inceptor U-Lite 248
U-lite 262

## 277 COMMERCIAL LIGHTING

Inceptor® Slate 280
Slate Backlit 288
Inceptor® Slate Backlit 289
Inceptor® Slate Backlit UGR 290
Inceptor® Skylar UGR16 292
Inceptor® Trofa 296
Dimmable Control Gear 300
Inceptor® Apto 306
PolyPanel 318
AluPanel 321
Sprite 326
E-Sprite 333

## 343 INDUSTRIAL LIGHTING

Inceptor® Hi-Lite 346

## 355 FLOOD LIGHTING

Inceptor® Ace 360
Inceptor® Murus 372
Sentro 386
Zontor 398
Zonne 400
Pathfinder 401
Gator 418

## 423 EMERGENCY LIGHTING

Inceptor® Hulke 426
Novem5 428
Ornex5 429
Calvex 431
Calvex5 434
Hanex5 437
Vanex 438
Vanex5 439
Ernex5 440
Newem 441
Newem5 442
Ibex 445
Ibex5 446
Sibex 450
Emergency Accessories 452
Control Gear5 457

# CLICK FLOW

# CLICK FLOW

## Contents


Lighting Management Boxes ..... 28

Flow™ Connectors ..... 32

Flow™ Extension Cables ..... 38

Ceiling Rose ..... 40

## Management & Distribution Boxes

WARRANTY 20 YEAR

IP20

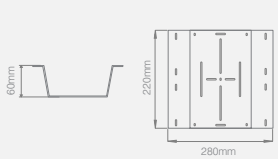
VISIBLE POWER INDICATOR

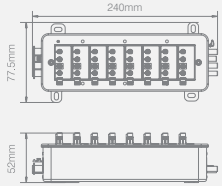
CT1008

SP1016

| CODE | DESCRIPTION |
|---|---|
| CT1008 | 20A 8 Way Distribution Box |
| SP1016 | Mounting Tray For CT1016 & CT1008 |

| PRODUCT INFO | |
|---|---|
| Input Voltage (V~) | 240 |
| Input Frequency (Hz) | 50 |
| Total Output Maximum (A) | 20 |
| Operating Temperature Range (°C) | -5 to +40 |




Additional 4 Pole Output Supplied

PRODUCT APPROVALS

BS 8488, BS EN 61535, BS 5733

CE UKCA







## Management & Distribution Boxes

WARRANTY 20 YEAR

IP20

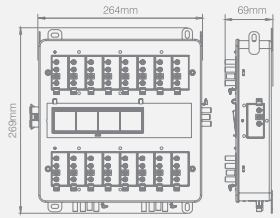
VISIBLE POWER INDICATOR

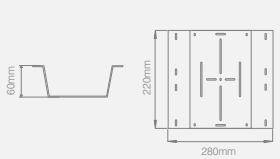
SP1016

CT1016

| PRODUCT INFO | |
|---|---|
| Input Voltage (V~) | 240 |
| Input Frequency (Hz) | 50 |
| Total Output Maximum (A) | 20 |
| Operating Temperature Range (°C) | -5 to +40 |

| CODE | DESCRIPTION |
|---|---|
| CT1016 | 20A 16 Way Lighting Management Box |
| SP1016 | Mounting Tray For CT1016 & CT1008 |




PRODUCT APPROVALS

Connector Supplied: 3 Pole (Input), 2 x 4 Pole (Switch Inputs)

BS 8488, BS EN 61535, BS 5733

UKCA CE

## Hubs & Splitters

WARRANTY 20 YEAR

IP20

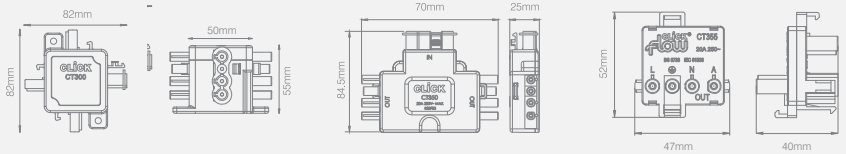
CT300

CT350

CT355

| CODE | DESCRIPTION |
|---|---|
| CT300 | 20A 4 Pole (1 in 3 Out) Flow™ Hub Junction Box |
| CT350 | 20A 4 Pole Splitter (1 in 2 Out) |
| CT355 | 20A 4 Pole (1 in 2 Out) Compact Splitter |

| PRODUCT INFO | |
|---|---|
| Input Voltage (V~) | 250 |
| Input Frequency (Hz) | 50 |
| Total Output Maximum (A) | 20 |
| Operating Temperature Range (°C) | -5 to +40 |




PRODUCT APPROVALS

BS 8488, BS EN 61535, BS 5733









## Switch Adapters

WARRANTY 20 YEAR

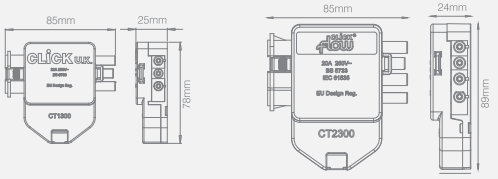
IP20

CT1300

CT2300

| PRODUCT INFO | |
|---|---|
| Input Voltage (V~) | 250 |
| Input Frequency (Hz) | 50 |
| Terminal Size (mm) | Ø4.2 |
| Total Output Maximum (A) | 20 |
| Terminal Capacity - Flex (mm²) | 3 x 1.5 |
| Terminal Capacity - Solid (mm²) | 3 x 2.5 |
| Operating Temperature Range (°C) | -5 to +40 |

| CODE | DESCRIPTION |
|---|---|
| CT1300 | 20A 3 Pole Switch Adaptor |
| CT2300 | 20A 4 Pole Switch Adaptor<br>with pre-wired earth and neutral links |



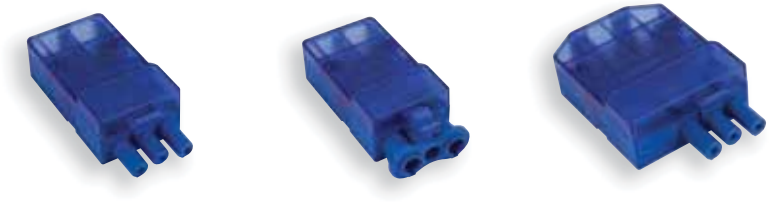

PRODUCT APPROVALS

BS 8488, BS EN 61535, BS 5733

## 3 Pole Push-Fit Connectors

WARRANTY 20 YEAR

IP20

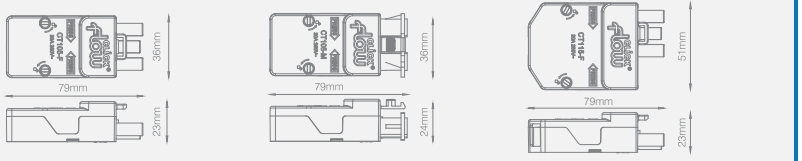


CT105F CT105M CT115F

| CODE | DESCRIPTION |
|---|---|
| CT105F | 20A 3 Pole Female Push-Fit Connector |
| CT105M | 20A 3 Pole Male Push-Fit Connector |
| CT115F | 20A 3 Pole Female Push-Fit Connector With Loop |

**TIME SAVING LEVERS**
Simply push lever down, offer stripped conductor into the terminal & then release the lever, ensuring the cable cannot easily be pulled out.

| PRODUCT INFO | |
|---|---|
| Input Voltage (V~) | 250 |
| Input Frequency (Hz) | 50 |
| Rated Impulse Voltage (kV) | 4 |
| Total Output Maximum (A) | 20 |
| Terminal Capacity - Flex (mm²) | 2.5 (Max.) |
| Terminal Capacity - Solid (mm²) | 2.5 (Max.) |
| Operating Temperature Range (°C) | -5 to +40 |




PRODUCT APPROVALS

BS EN 61535

CE UKCA





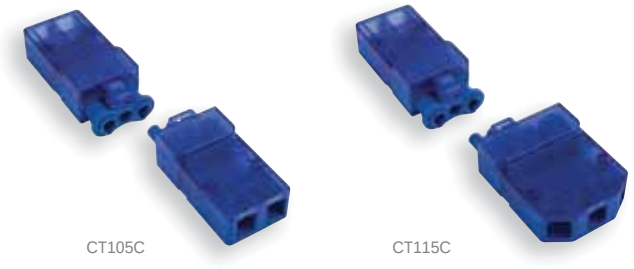




## 3 Pole Push-Fit Connectors

WARRANTY 20 YEAR

IP20

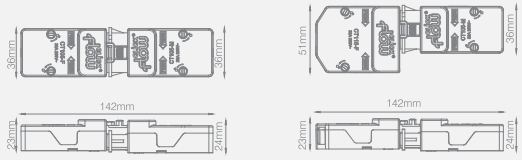


CT105C CT115C

| PRODUCT INFO | |
|---|---|
| Input Voltage (V~) | 250 |
| Input Frequency (Hz) | 50 |
| Rated Impulse Voltage (kV) | 4 |
| Total Output Maximum (A) | 20 |
| Terminal Capacity - Flex (mm²) | 2.5 (Max.) |
| Terminal Capacity - Solid (mm²) | 2.5 (Max.) |
| Operating Temperature Range (°C) | -5 to +40 |

| CODE | DESCRIPTION |
|---|---|
| CT105C | 20A 3 Pole Complete Push-Fit Connector (CT105M & CT105F) |
| CT115C | 20A 3 Pole Complete Push-Fit Connector With Loop (CT105M & CT115F) |

**TIME SAVING LEVERS**
Simply push lever down, offer stripped conductor into the terminal & then release the lever, ensuring the cable cannot easily be pulled out.




PRODUCT APPROVALS

BS EN 61535

UKCA CE

## 4 Pole Push-Fit Connectors

WARRANTY 20 YEAR | IP20

CT205F

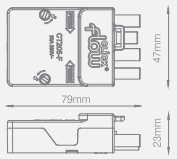
CT205M

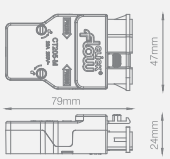
CT215F

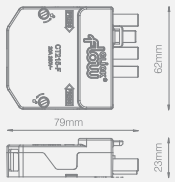
| CODE | DESCRIPTION |
|---|---|
| CT205F | 20A 4 Pole Female Push-Fit Connector |
| CT205M | 20A 4 Pole Male Push-Fit Connector |
| CT215F | 20A 4 Pole Female Push-Fit Connector With Loop |

**TIME SAVING LEVERS**
Simply push lever down, offer stripped conductor into the terminal & then release the lever, ensuring the cable cannot easily be pulled out.

| PRODUCT INFO | |
|---|---|
| Input Voltage (V~) | 250 |
| Input Frequency (Hz) | 50 |
| Rated Impulse Voltage (kV) | 4 |
| Total Output Maximum (A) | 20 |
| Terminal Capacity - Flex ($mm^2$) | 2.5 (Max.) |
| Terminal Capacity - Solid ($mm^2$) | 2.5 (Max.) |
| Operating Temperature Range (°C) | -5 to +40 |




PRODUCT APPROVALS

BS EN 61535

CE UKCA









## 4 Pole Push-Fit Connectors

WARRANTY 20 YEAR | IP20

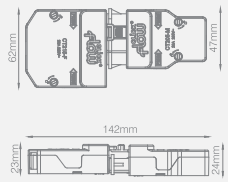
CT205C

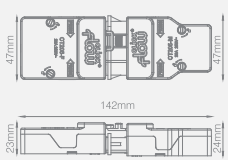
CT215C

| PRODUCT INFO | |
|---|---|
| Input Voltage (V~) | 250 |
| Input Frequency (Hz) | 50 |
| Rated Impulse Voltage (kV) | 4 |
| Total Output Maximum (A) | 20 |
| Terminal Capacity - Flex ($mm^2$) | 2.5 (Max.) |
| Terminal Capacity - Solid ($mm^2$) | 2.5 (Max.) |
| Operating Temperature Range (°C) | -5 to +40 |

| CODE | DESCRIPTION |
|---|---|
| CT205C | 20A 4 Pole Complete Push-Fit Connector (CT205M & CT205F) |
| CT215C | 20A 4 Pole Complete Push-Fit Connector With Loop (CT205M & CT215F) |

**TIME SAVING LEVERS**
Simply push lever down, offer stripped conductor into the terminal & then release the lever, ensuring the cable cannot easily be pulled out.




PRODUCT APPROVALS

BS EN 61535

UKCA CE

## 3 Pole Connectors

WARRANTY 20 YEAR | IP20

CT101C

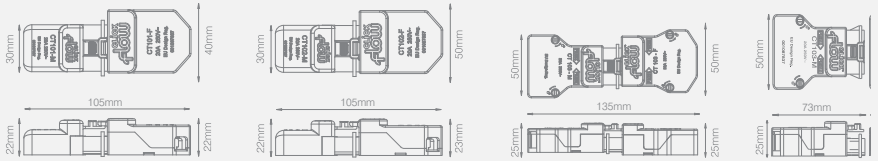
CT102C

CT103M

CT103C

| CODE | DESCRIPTION |
|---|---|
| CT101C | 20A 3 Pole Connector |
| CT102C | 20A 3 Pole Connector Screw-Down Cord Grip |
| CT103C | 20A 3 Pole Connector Fast-Fit Cord Grip |
| CT103M | 20A 3 Pole Fast-Fit Cord Grip (Male Connector Only) |

| PRODUCT INFO | |
|---|---|
| Input Voltage (V~) | 250 |
| Input Frequency (Hz) | 50 |
| Rated Impulse Voltage (kV) | 4 |
| Terminal Size (mm) | Ø4.2 |
| Total Output Maximum (A) | 20 |
| Terminal Capacity - Flex (mm²) | 3 x 1.5 |
| Terminal Capacity - Solid (mm²) | 3 x 2.5 |
| Operating Temperature Range (°C) | -5 to +40 |




PRODUCT APPROVALS

CT101C: BS 5733
BS EN 61535, BS 5733

CE UKCA



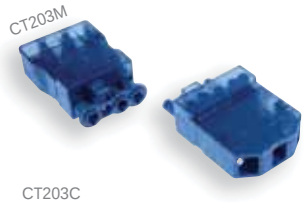




## 4 Pole Connectors

WARRANTY 20 YEAR | IP20

CT202C

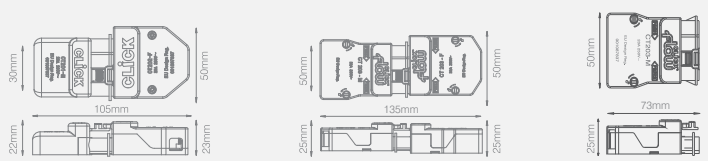


CT203M

CT203C

| PRODUCT INFO | |
|---|---|
| Input Voltage (V~) | 250 |
| Input Frequency (Hz) | 50 |
| Rated Impulse Voltage (kV) | 4 |
| Terminal Size (mm) | Ø4.2 |
| Total Output Maximum (A) | 20 |
| Terminal Capacity - Flex (mm²) | 3 x 1.5 |
| Terminal Capacity - Solid (mm²) | 3 x 2.5 |
| Operating Temperature Range (°C) | -5 to +40 |

| CODE | DESCRIPTION |
|---|---|
| CT202C | 20A 4 Pole Connector Screw-Down Cord Grip |
| CT203C | 20A 4 Pole Connector Fast-Fit Cord Grip |
| CT203M | 20A 4 Pole Fast-Fit Cord Grip (Male Connector Only) |




PRODUCT APPROVALS

BS EN 61535, BS 5733

UKCA CE

## Pre-Wired LSZH Link Cables, Male connectors to F/E

IP20 | WARRANTY 20 YEAR

CT845

| CODE | DESCRIPTION |
|---|---|
| CT732 | 6A 3 Pole 0.75mm LSZH To FE 2m - Black |
| CT733 | 6A 3 Pole 0.75mm LSZH To FE 3m - Black |
| CT735 | 6A 3 Pole 0.75mm LSZH To FE 5m - Black |
| CT742 | 6A 4 Pole 0.75mm LSZH To FE 2m - Black |
| CT743 | 6A 4 Pole 0.75mm LSZH To FE 3m - Black |
| CT745 | 6A 4 Pole 0.75mm LSZH To FE 5m - Black |
| CT845 | 20A 4 Pole 2.5mm Male To Female LSZH 5m - Black |

| PRODUCT INFO | |
|---|---|
| Input Voltage (V~) | 250 |
| Input Frequency (Hz) | 50 |
| Total Output Maximum (A) | 6 & 20 |
| Operating Temperature Range (°C) | -5 to +40 |

PRODUCT APPROVALS

BS EN 61535, BS 5733, BS EN 50525-3-11

CE UKCA







## Extension Cables

WARRANTY 20 YEAR | IP20

CT805

CT803

CT802

| PRODUCT INFO | |
|---|---|
| Input Voltage (V~) | 250 |
| Input Frequency (Hz) | 50 |
| Total Output Maximum (A) | 6 |
| Operating Temperature Range (°C) | -5 to +40 |

| CODE | DESCRIPTION |
|---|---|
| CT802 | 6A 4 Pole PVC Extension Cable - 2 Metre |
| CT803 | 6A 4 Pole PVC Extension Cable - 3 Metre |
| CT805 | 6A 4 Pole PVC Extension Cable - 5 Metre |

PRODUCT APPROVALS

BS EN 61535, BS 5733, BS EN 50525-3-11

UKCA CE

## Ceiling Rose

IP20

WARRANTY 20 YEAR

CT1400

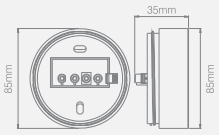
CT1401

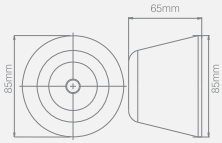
| CODE | DESCRIPTION |
|---|---|
| CT1400 | 20A 4 Pole Ceiling Rose (Without Cover) |
| CT1401 | CT1400 Ceiling Rose Cover |

CT101C, CT102C, CT202C compatible with rose cover installed

When rose cover installed, not suitable for use with CT103, CT203 or Push Fit Connectors

| PRODUCT INFO | |
|---|---|
| Input Voltage (V~) | 250 |
| Input Frequency (Hz) | 50 |
| Rated Impulse Voltage (kV) | 4 |
| Terminal Size (mm) | Ø4.2 |
| Total Output Maximum (A) | 20 |
| Terminal Capacity - Flex ($mm^2$) | 3 x 1.5 |
| Terminal Capacity - Solid ($mm^2$) | 3 x 2.5 |
| Operating Temperature Range (°C) | -5 to +40 |




PRODUCT APPROVALS

CT1401: BS 8488, BS EN 61535, BS 5733

CE UKCA

# DOMESTIC LIGHTING

# DOMESTIC LIGHTING

This section hosts a selection of lighting products created for domestic and display purposes.

**We feature everything from fire-rated downlights with pre-wired Flow™** connectors and integrated **light source, IP65 downlights, downlights with** a replacement lamp option through to LED strip lighting and cabinet lighting.

By utilising the colour temperature options and different light sources you are able to create many different mood settings for your living space.

## Contents


Downlights ..... 48
Lamps ..... 78
Shaver Light ..... 80
Star Light ..... 82
LED Strip ..... 84


## INCEPTOR® PRODUCTS TO LOOK OUT FOR IN THIS SECTION...

Switch 2 Inceptor

**INTENSE**

**MILLI**

**OMNI$^{V2}$**

**NANO$^{5}$**

**NANO$^{V2}$**

# FIRE DEFIANT & REGS COMPLIANT

## Inceptor® Milli, Inceptor® Omni$^{V2}$, Inceptor® Nano$^{5}$ & Nano$^{V2}$, Pico FG and FlameGuard® Downlights.

### How it works?

The FlameGuard® intumescent seal, when exposed to fire, forms a dense carbon char which separates and insulates the substrate from the heat of the fire. The expanded seal eliminates the flow of air through the void and thereby starves the fire of vital elements for combustion.

PART C MOISTURE

PART B FIRE SAFETY

PART E ACOUSTIC

PART L EFFICIENT

Products that incorporate our award-winning FlameGuard® system **technology, benefit from a 30, 60 & 90 minute fire rating and are acoustic and airflow compliant.**

Complies with Part B, P, E, C, L | Acoustic tested to BS EN ISO 10140-2 & BS EN ISO 10140-3+A1 whilst satisfying Robust Details Appendix F requirements | Air-flow tested to BS 5250 | Fire rated in accordance with EN 1365-2, BS 476: Part 21

**Full Compliance & Corresponding Test Certification Available**

Solid Timber

**Traditional solid wood joist which has been used in house** building for decades.

I-Joist

Combining an engineered **composite panel with high grade softwood.**

Metal-Web / Open Web / Posi Joist

Combination of timber **runners with metal webbing.**

With the nature of fire testing and different types of joists, do not take for granted that a downlight tested in solid timber construction will maintain the same integrity within a construction using metal web or engineered 'I' Beam joists. FlameGuard® has been fire tested in floor constructions with these types of modern joists, and is compliant for 30, 60 and 90 minutes to BS EN 1365.



# WHAT TO LOOK OUT FOR...

## Fire rated downlights. Compliant in all ceiling types: Solid Timber, I-Joist and Metal-Web.

5 YR WARRANTY

CCT ADJUSTABLE COLOUR TEMPERATURE

30, 60 AND 90 MINUTE FIRE-RATING

INCEPTOR® MILLI

CCT Dimmable LED Downlight

5 YR WARRANTY

CCT ADJUSTABLE COLOUR TEMPERATURE

30, 60 AND 90 MINUTE FIRE-RATING

INCEPTOR® OMNI$^{V2}$

Adjustable CCT Dimmable LED Downlight

5 YR WARRANTY

60° BEAM ANGLE

30, 60 AND 90 MINUTE FIRE-RATING

INCEPTOR® NANO$^{V2}$

Compact Fire-Rated Dimmable LED Downlight

3 YR WARRANTY

40° BEAM ANGLE

30, 60 AND 90 MINUTE FIRE-RATING

INCEPTOR® NANO$^{5}$

Compact Fire-Rated Dimmable LED Downlight

2 YR WARRANTY

IP65 (FIXED)

30, 60 AND 90 MINUTE FIRE-RATING

PICO FG

Fire Rated Fixed Integrated LED Downlight

5 YR WARRANTY

30, 60 AND 90 MINUTE FIRE-RATING

FLAMEGUARD®

GU10 Cast Dimmable Downlight

# INCEPTOR® MILLI

4W DUAL WATTAGE 6.4W | IP65 | 5YR WARRANTY

## 4 & 6.4W Dimmable Fixed Fire-Rated LED Downlight

The Milli is available in a standard and baffle version and has the ability to switch between 4W and 6.4W. The Milli features a pre-wired Flow™ connector and has a CCT switch which grants the ability to change the colour temperature instantly.

### CCT Switch

The Milli has the ability to change the colour temperature between:

2700K - Warm White
4000K - Cool White
6500K - Daylight

### Power Switchable

The Milli has the ability to change the Wattage between 4W and 6.4W

### Broad Cut-Out Range

Great for replacing a broad range of downlights as can be installed in a wide scope of pre-existing downlight ceiling cut-outs (64mm-75mm) and still be 100% Fire rated

### Pre-Wired Flow Connector

All of our Inceptor Milli downlights come pre-wired with a Fast-Fit 3 Pole & loop Flow connector. We also provide a loose push-fit Flow connector in the box which ensures a quick and easy installation process.

### Insulation Coverable

The Inceptor Milli features an insulation cover which allows you to install the downlights safely under insulation, this gives the fitting an extra 5mm of distance away from the insulation, preventing overheating.
Fire Rated to 30, 60 and 90 minutes and also feature an Intumescent Strip, which, when exposed to fire, expands to seal the gap between the luminaire and plasterboard.

**Insulation support**

Twist lock function prevents overheating to give an extra 5mm of distance away from isulation.

**CCT & dual wattage**

Switch between 4W & 6.4W & warm white, cool white & daylight.

**Intumescent tape**

**Moisture seal**

**Fire-rated integrated bezel heatsink**

**Heatsink**

**LED array**

**Reflector**

**Lens**

**Baffled version**

Choose between a White or Black baffle.

**5 finish options**

Choose between White, Chrome, Satin Chrome, Black & Antique Brass

Dimmable as Standard

30, 60 and 90 **Minute Fire-Rating**

**25° (Baffle)**
**60° (Standard)**
Beam Angle

User Changeable Bezels **(Baffle Version Only)**

60mm **Low Profile**

## 4 - 6.4W Dimmable IP65 LED Fixed Downlights With CCT Switch

IP65 | DIMMABLE | WARRANTY 5 YEAR | 4W DUAL WATTAGE 6.4W

AVAILABLE FINISHES

ANTIQUE BRASS | BLACK | WHITE | SATIN CHROME | CHROME

Pre-wired flow™ Connector

CCT

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OXM-B | Fixed Downlight - Black |
| OXM-W | Fixed Downlight - White |
| OXM-CH | Fixed Downlight - Chrome |
| OXM-SC | Fixed Downlight - Satin Chrome |
| OXM-AB | Fixed Downlight - Antique Brass |
| **OXM-W-10** | Fixed Downlight - White (Pack of 10) |

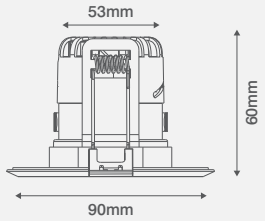
COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| **OEP6501** | 3 Hour Universal Emergency Pack with prewired Flow™ Connectors | See page 68 |

PRODUCT INFO

| CCT (K) | 2700 | 4000 | 6500 |
|---|---|---|---|
| Lumens (lm) 4W | 430 | 480 | 480 |
| Lumens (lm) 6.4W | 720 | 800 | 800 |
| Efficacy (lm/W) | 108 | 120 | 120 |
| Wattage (W) | 4 / 6.4 | | |
| CRI | >80 | | |
| Beam Angle (°) | 60 | | |
| LED Lifetime (Hrs) | 35000 | | |
| Voltage (AC) | 220-240 | | |
| Frequency (Hz) | 50 | | |
| Dimmable | Yes | | |
| Operating Temp (°C) | -5 to +25 | | |

64-75mm Cut-Out




Complete with prewired push-fit Flow™ Connector with loop terminal

PRODUCT APPROVALS

CE | UKCA

BS EN 60598-1 BS EN 60598-2-2 BS EN 62471 BS EN 62031 BS EN 55015 BS EN 61547 BS EN 62493 BS EN 61000-3-2 BS EN 61000-3-3 BS EN 61347-2-13
Fire Rating 30 Minutes: 'I' Joists, Metal Web and Solid Timber Joists
60 Minutes: 'I' Joists, Metal Web and Solid Timber Joists
90 Minutes: Solid Timber Joists Acoustic Rating 0dB (zero impact on sound insulation)
Air Flow™ BS 5250: 2011 compliant





## 4 - 6.4W Dimmable IP65 LED Baffle Downlights With CCT Switch

AVAILABLE FINISHES

WHITE BLACK BAFFLE | WHITE WHITE BAFFLE

4W DUAL WATTAGE 6.4W | WARRANTY 5 YEAR | DIMMABLE | IP65

Pre-wired flow™ Connector

CCT

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

PRODUCT INFO

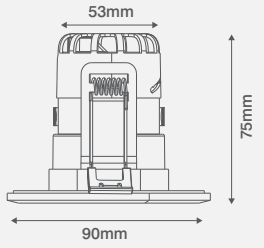
| CCT (K) | 2700 | 4000 | 6500 |
|---|---|---|---|
| Lumens (lm) 4W | 350 | 380 | 370 |
| Lumens (lm) 6.4W | 550 | 600 | 580 |
| Efficacy (lm/W) Black | 86 | 94 | 91 |
| Efficacy (lm/W) White | 89 | 97 | 94 |
| Wattage (W) | 4 / 6.4 | | |
| CRI | >80 | | |
| Beam Angle (°) | 25 | | |
| LED Lifetime (Hrs) | 35000 | | |
| Voltage (AC) | 220-240 | | |
| Frequency (Hz) | 50 | | |
| Dimmable | Yes | | |
| Operating Temp (°C) | -5 to +25 | | |

| CODE | DESCRIPTION |
|---|---|
| OXMB-B-W | Baffle Downlight - Black Baffle White Bezel |
| OXMB-W-W | Baffle Downlight - White Baffle White Bezel |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| **OEP6501** | 3 Hour Universal Emergency Pack with prewired Flow™ Connectors | See page 68 |
| OVBZMB | Baffled Downlight Bezels | See page 50 |

64-75mm Cut-Out




PRODUCT APPROVALS

Complete with prewired push-fit Flow™ Connector with loop terminal

BS EN 60598-1 BS EN 60598-2-2 BS EN 62471 BS EN 62031 BS EN 55015 BS EN 61547 BS EN 62493 BS EN 61000-3-2 BS EN 61000-3-3 BS EN 61347-2-13Fire Rating 30 Minutes: 'I' Joists, Metal Web and Solid Timber Joists
60 Minutes: 'I' Joists, Metal Web and Solid Timber Joists
90 Minutes: Solid Timber Joists Acoustic Rating 0dB (zero impact on sound insulation)
Air Flow™ BS 5250: 2011 compliant

UKCA | CE

## Inceptor® Milli Baffle Downlight Bezels

AVAILABLE FINISHES

ANTIQUE BRASS | BLACK | SATIN CHROME | CHROME

| CODE | DESCRIPTION |
|---|---|
| OVBZMB-B | Bezel - Black |
| OVBZMB-CH | Bezel - Chrome |
| OVBZMB-SC | Bezel - Satin Chrome |
| OVBZMB-AB | Bezel - Antique Brass |

**COMPATIBLE PRODUCTS**

OXMB-W-W: 4-6.4W Dimmable LED Downlight With CCT Switch IP65 White Baffle White Bezel
OXMB-B-W: 4-6.4W Dimmable LED Downlight With CCT Switch IP65 Black Baffle White Bezel

# INCEPTOR® OMNI V2

## Fire-Rated 6W Fixed & Adjustable LED Downlight

The Omni[V2] features an integrated 3 Pole Flow™ connector with built in driver and CCT switch which grants the ability to change the colour temperature instantly.

IP65 FIXED | IP54 ADJUSTABLE | 5 YR WARRANTY | 73-75mm CUT-OUT

## Colour Temperature Adjustable

The Omni[V2] has the ability to change the colour temperature between the below:

2700K - Warm White
4000K - Cool White
6500K - Daylight

## Integrated Flow™ Connector

An integrated 3 Pole PUSH-FIT Flow™ connector with built in driver and CCT switch allows for quick and simple connection & setup.

## Insulation Coverable

53mm recess depth low profile installation with no insulation support bracket needed thanks to the Flow™ integrated driver.

Part B, E and L Compliant:
Part B - Fire, Part E - Passage of Sound, Part L - Conservation of Fuel & Power.



### Built in Insulation Support

Removes the need for a support clip.

### Top mounted cable grip

### Trademark intumescent strip

Our trademark blue strip of intumescent adds an extra barrier of protection against fire by expanding to fill the gap between the plasterboard and light fitting.

### Improved cooling

Our patented, multi-functional heat sink not only channels heat away from the LED chip, it also grants the unit's ability to adapt from fixed to adjustable.

### Inceptor® Omni[V2] bezels

For use with Omni[V2] available in Satin Chrome, Chrome, Antique Brass, Black, White & Grey finishes.

### Faceted lens

Wide faceted lens gathers the natively broad beam of the LEDs and focuses the light into a series of beam angles creating optimal light output.

### User-changeable fixed & adjustable bezels

The bezels for the Omni[V2] have a twist and lock feature and can be quickly and easily replaced as required. There is the choice of 5 different finishes in both fixed and adjustable options.

### Built in Flow™ Driver with CCT Switch

The Inceptor® Omni[V2]'s high powered compact external driver has been designed to feature our trademark Flow™ connector to allow for quick and easy installation. The integrated CCT switch-able colour temperature makes the Omni[V2] colour changeable from 2700K - 6500K

Dimmable as Standard

30, 60 and 90 **Minute Fire-Rating**

60° Beam Angle

User Changeable Bezels

53mm **Low Profile**

## 6W Dimmable IP65 LED Downlight With CCT Switch

IP65 | DIMMABLE | WARRANTY 5 YEAR | 60 BEAM ANGLE | 25000 LIFETIME

AVAILABLE FINISHES

WHITE

CCT

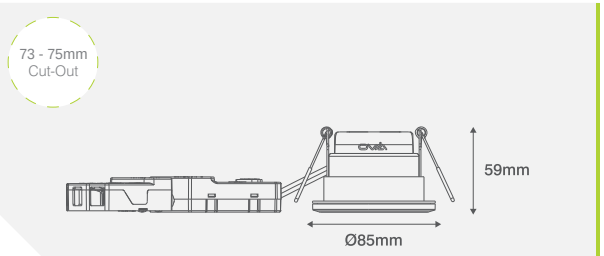
Pre-wired flow™ Connector

| CODE | DESCRIPTION |
|---|---|
| **OV4700WH6D** | Fixed Downlight - White |
| **OV4700CH6D** | Fixed Downlight - Chrome |
| **OV4700SC6D** | Fixed Downlight - Satin Chrome |

WARM WHITE | COOL WHITE | DAYLIGHT

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| **OVBZ4700**** | Fixed Bezel Range | See page 55 |
| **OVBZ4705**** | Adjustable Bezel Range | See page 55 |
| **OVSP3120** | 130mm Diameter Converter Plate (only applicable for CH, WH and SC) | See page 66 |
| **OEP6501** | 3 Hour Universal Emergency Pack with prewired Flow™ Connectors | See page 68 |




PRODUCT INFO

| | | | |
|---|---|---|---|
| CCT (K) | 2700 | 4000 | 6500 |
| Lumens (lm) | 600 | 620 | 600 |
| Efficacy (lm/W) | 100 | 103 | 100 |
| Wattage (W) | | 6 | |
| CRI | | >80 | |
| Beam Angle (°) | | 60 | |
| LED Lifetime (Hrs) | | 25000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Dimmable | | Yes | |
| Operating Temp (°C) | | -5 to +40 | |

Complete with prewired push-fit Flow™ Connector & Driver

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-2 BS EN 62471 BS EN 62031 BS EN 55015 BS EN 61547 BS EN 62493 BS EN 61000-3-2 BS EN 61000-3-3 BS EN 61347-2-7

Fire Rating 30 Minutes: 'I' Joists, Metal Web and Solid Timber Joists60 Minutes: 'I' Joists, Metal Web and Solid Timber Joists90 Minutes: Solid Timber Joists Acoustic Rating 0dB (zero impact on sound insulation) Air Flow™ BS 5250: 2011 compliant







## Inceptor® OmniV2 Bezels

AVAILABLE FINISHES

CHROME | SATIN CHROME | WHITE | BLACK | ANTIQUE BRASS | GREY

WARRANTY 5 YEAR

### Fixed Bezel

IP65

| CODE | DESCRIPTION |
|---|---|
| **OVBZ4700WH** | Fixed Bezel - White |
| **OVBZ4700CH** | Fixed Bezel - Chrome |
| **OVBZ4700SC** | Fixed Bezel - Satin Chrome |
| **OVBZ4700BK** | Fixed Bezel - Matt Black |
| **OVBZ4700AB** | Fixed Bezel - Antique Brass |
| **OVBZ4700GY** | Fixed Bezel - Grey |

### Adjustable Bezel

IP54

| CODE | DESCRIPTION |
|---|---|
| **OVBZ4705WH** | Adjustable Bezel - White |
| **OVBZ4705CH** | Adjustable Bezel - Chrome |
| **OVBZ4705SC** | Adjustable Bezel - Satin Chrome |
| **OVBZ4705BK** | Adjustable Bezel - Matt Black |
| **OVBZ4705AB** | Adjustable Bezel - Antique Brass |
| **OVBZ4705GY** | Adjustable Bezel - Grey |

**7.5° Adjustable Angle**

# INCEPTOR® NANO$^{V2}$

## Fire-Rated LED Downlight

Shallow recess depth with a powerful SMD light source, paired with a 60° Multi-faceted, Halogen-effect lens for exceptional light quality.

2700K WARM WHITE | 4000K COOL WHITE | 5YR WARRANTY

### Fixed

IP65

60MM CUTOUT

### Adjustable

IP54

75MM CUTOUT

## Integrated Flow™ Connector

An integrated 3 Pole Flow™ driver allows for quick and simple connection & disconnection for initial and periodic testing to be carried out.

## Insulation Support Bracket

Sold Separately - the removable Insulation Support Bracket has been developed to allow installers to lay thermal insulation directly over the top of the Inceptor® Nano$^{V2}$. Creating a 20mm air-space above the driver allows air to circulate and cool, therefore the driver dissipates heat more effectively and in-turn lets the luminaire run cooler.

Product Code: OVISC1020
See page 67

Part B, E and L Compliant:
Part B - Fire, Part E - Passage of Sound, Part L - Conservation of Fuel & Power.



### Fire-rated body

The steel body, together with the intumescent band, provides the fittings' with 30, 60 & 90 minute fire-ratings. The unique twin-section bracket has been optimised to provide maximum heat deflection for the lowest possible weight.

### SMD LED technology

SMD LED's require lower current and create less heat than standard LEDs, perfect when space is at a premium.

### Trademark intumescent strip

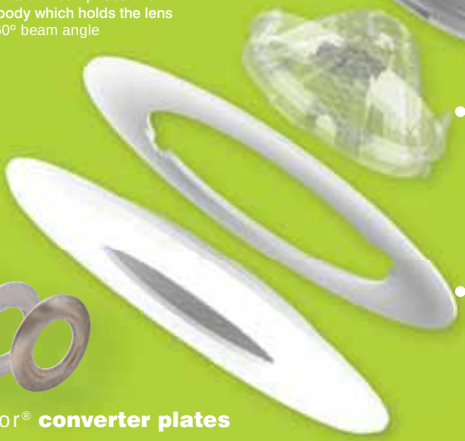
Our trademark blue strip of intumescent adds an extra barrier of protection against fire by expanding to fill the gap between the plasterboard and light fitting

### Optics platform

The optics platform comprises of an aluminium body which holds the lens creating a 60º beam angle

### Faceted lens **(halogen effect)**

The custom-built, multifaceted lens gathers the natively broad beam of the SMD LED and focuses the emitted light into a 60º beam angle to provide a clean crisp light that rivals a traditional halogen lamp



### Moisture seals

Ensures that water does not enter ceiling void through or around the fitting and seals the unit, making it suitable for kitchens and bathrooms.

### Inceptor® **converter plates**

For use with Inceptor® Downlights, up to 120mm cut-out available in Satin Chrome, Chrome and White finishes.

### **Compact driver & Flow™** connector

The inceptor Nano$^{V2}$ has a custom built, high powered and extremely compact driver which has been built inside a Flow™ connector to achieve quick and easy installation.

Dimmable as Standard

30, 60 and 90 **Minute Fire-Rating**

60º Beam Angle

35,000 Hour Lifetime

DOMESTIC

## 5.5W Dimmable IP65 LED Fixed Downlights

IP65 | DIMMABLE | WARRANTY 5 YEAR | 60 BEAM ANGLE | 35000 LIFETIME

WHITE | SATIN CHROME | CHROME

Pre-wired flow™ Connector

WARM WHITE | COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| **OV5700WH5CD** | Fixed Downlight - 4000K - White |
| **OV5700WH5WD** | Fixed Downlight - 2700K - White |
| **OV5700CH5CD** | Fixed Downlight - 4000K - Chrome |
| **OV5700CH5WD** | Fixed Downlight - 2700K - Chrome |
| **OV5700SC5CD** | Fixed Downlight - 4000K - Satin Chrome |
| **OV5700SC5WD** | Fixed Downlight - 2700K - Satin Chrome |

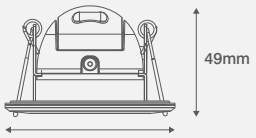
PRODUCT INFO

| | | |
|---|---|---|
| CCT (K) | 2700 | 4000 |
| Lumens (lm) | 510 | 565 |
| Efficacy (lm/W) | 93 | 103 |
| Wattage (W) | 5.5 | |
| CRI | >80 | |
| Beam Angle (°) | 60 | |
| LED Lifetime (Hrs) | 35000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50/60 | |
| Dimmable | Yes | |
| Operating Temp (°C) | -5 to +40 | |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| **OVISC1020** | Insulation Support Bracket | See page 67 |
| **OEP6501** | 3 Hour Universal Emergency Pack with prewired Flow Connectors | See page 68 |
| **OVSP4120**** | 130mm Diameter Converter Plate | See page 66 |

60mm Cut-Out




Complete with prewired push-fit Flow™ Connector & Driver

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-2 BS EN 55015 BS EN 62031 BS EN 62471 BS EN 61347-2-13 BS EN 61547 BS EN 62493 BS EN 61000-3-2 & BS EN 61000-3-3

Fire Rating 30 Minutes: 'I' Joists, Metal Web and Solid Timber Joists
60 Minutes: 'I' Joists, Metal Web and Solid Timber Joists
90 Minutes: Solid Timber Joists Acoustic Rating 0dB (zero impact on sound insulation) Air Flow™ BS 5250: 2011 compliant





DOMESTIC

## 5.5W Dimmable IP54 LED Adjustable Downlights

AVAILABLE FINISHES

CHROME | SATIN CHROME | WHITE

35000 LIFETIME | 60 BEAM ANGLE | WARRANTY 5 YEAR | DIMMABLE | IP54

Pre-wired flow™ Connector

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE

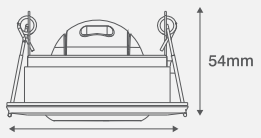
| CODE | DESCRIPTION |
|---|---|
| **OV5705WH5CD** | Adjustable Downlight - 4000K - White |
| **OV5705WH5WD** | Adjustable Downlight - 2700K - White |
| **OV5705CH5CD** | Adjustable Downlight - 4000K - Chrome |
| **OV5705CH5WD** | Adjustable Downlight - 2700K - Chrome |
| **OV5705SC5CD** | Adjustable Downlight - 4000K - Satin Chrome |
| **OV5705SC5WD** | Adjustable Downlight - 2700K - Satin Chrome |

PRODUCT INFO

| | | |
|---|---|---|
| CCT (K) | 2700 | 4000 |
| Lumens (lm) | 565 | 103 |
| Efficacy (lm/W) | 510 | 93 |
| Wattage (W) | 5.5 | |
| CRI | >80 | |
| Beam Angle (°) | 60 | |
| LED Lifetime (Hrs) | 35000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50/60 | |
| Dimmable | Yes | |
| Operating Temp (°C) | -5 to +40 | |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| **OVISC1020** | Insulation Support Bracket | See page 67 |
| **OEP6501** | 3 Hour Universal Emergency Pack with prewired Flow Connectors | See page 68 |
| **OVSP3120**** | 130mm Diameter Converter Plate | See page 66 |




75mm Cut-Out

PRODUCT APPROVALS

Complete with prewired push-fit Flow™ Connector & Driver 20° Adjustable Angle

BS EN 60598-1 BS EN 60598-2-2 BS EN 55015 BS EN 62031 BS EN 62471 BS EN 61347-2-13 BS EN 61547 BS EN 62493 BS EN 61000-3-2 & BS EN 61000-3-3

Fire Rating 30 Minutes: 'I' Joists, Metal Web and Solid Timber Joists
60 Minutes: 'I' Joists, Metal Web and Solid Timber Joists
90 Minutes: Solid Timber Joists Acoustic Rating 0dB (zero impact on sound insulation) Air Flow™ BS 5250: 2011 compliant

# INCEPTOR® NANO5

## 4.8W Fire-Rated LED Downlight

Shallow recess depth with a powerful SMD light source, paired with a 40° Multi-faceted, Halogen-effect lens for exceptional light quality.

2700K WARM WHITE | 4000K COOL WHITE | 3YR WARRANTY

## Fixed

## Integrated Flow™ Connector

An integrated 3 Pole Flow™ connector allows for quick and simple connection & disconnection for initial and periodic testing to be carried out.

## Insulation Support Bracket

Sold Separately - the removable Insulation Support Bracket has been developed to allow installers to lay thermal insulation directly over the top of the Inceptor® Nano5. Creating a 20mm air-space above the driver allows air to circulate and cool, therefore the driver dissipates heat more effectively and in-turn lets the luminaire run cooler.

Product Code: OVISC1020
See page 67

Part B, E and L Compliant:
Part B - Fire, Part E - Passage of Sound, Part L - Conservation of Fuel & Power.



### Engine

The engine combines a 4.8W Dimmable driver, Cast Aluminium Heat Sink and SMD LED chip together with a Flow™ connector for straight-to-mains connection.

### Compact driver

The Inceptor® Nano5 has a custom-built, high-powered and extremely compact driver, designed to deliver maximum power in the smallest possible space.

### Fire-rated body

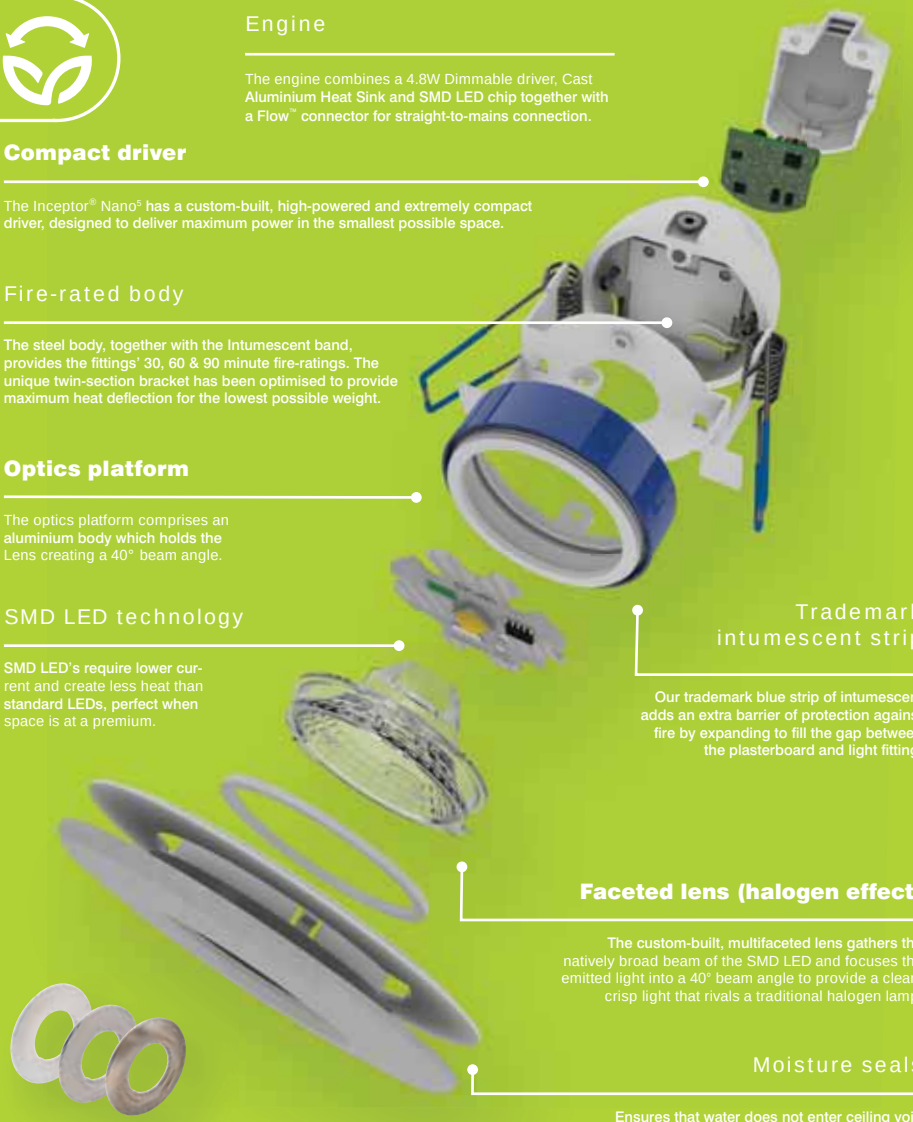
The steel body, together with the Intumescent band, provides the fittings' 30, 60 & 90 minute fire-ratings. The unique twin-section bracket has been optimised to provide maximum heat deflection for the lowest possible weight.

### Optics platform

The optics platform comprises an aluminium body which holds the Lens creating a 40° beam angle.

### SMD LED technology

SMD LED's require lower current and create less heat than standard LEDs, perfect when space is at a premium.



### Trademark intumescent strip

Our trademark blue strip of intumescent adds an extra barrier of protection against fire by expanding to fill the gap between the plasterboard and light fitting.

### Faceted lens (halogen effect)

The custom-built, multifaceted lens gathers the natively broad beam of the SMD LED and focuses the emitted light into a 40° beam angle to provide a clean, crisp light that rivals a traditional halogen lamp.

### Moisture seals

Ensures that water does not enter ceiling void through or around the fitting and seals the unit making it suitable for kitchens and bathrooms.



### Inceptor® converter plates

For use with Inceptor® Downlights, up to 120mm cut-out available in Satin Chrome, Chrome and White finishes.

Dimmable as Standard

30, 60 and 90 **Minute Fire-Rating**

40° Beam Angle

**25,000** Hour Lifetime

# DOWNLIGHTS | INCEPTOR® NANO⁵

## 4.8W Dimmable IP65 LED Fixed Downlights

IP65 | WARRANTY 3 YEAR | DIMMABLE | 30, 60 & 90 MIN FIRE-RATING | JOIST FIRE RATED

AVAILABLE FINISHES

WHITE | SATIN CHROME | CHROME

Pre-wired flow™ Connector

COLOUR TEMPERATURE

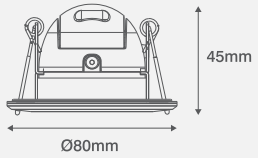
WARM WHITE | COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| **OV5400WH5WD** | Fixed Downlight - 2700K - White |
| **OV5400WH5CD** | Fixed Downlight - 4000K - White |
| **OV5400CH5WD** | Fixed Downlight - 2700K - Chrome |
| **OV5400CH5CD** | Fixed Downlight - 4000K - Chrome |
| **OV5400SC5WD** | Fixed Downlight - 2700K - Satin Chrome |
| **OV5400SC5CD** | Fixed Downlight - 4000K - Satin Chrome |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| **OVSP4120**** | 130mm Diameter (65mm Aperture) Converter Plate | See page 66 |
| **OVISC1020** | Insulation Support Bracket | **See page 67** |
| **OEP6501** | 3 Hour Universal Emergency Pack with prewired Flow™ Connectors | See page 68 |

60mm Cut-Out




PRODUCT INFO

| | | |
|---|---|---|
| Circuit Wattage (W) | 4.8 | |
| CCT (K) | 2700 | 4000 |
| Lumens (lm) | 400 | 450 |
| Efficacy (lm/W) | 71 | 81 |
| CRI | >80 | |
| Beam Angle (°) | 40 | |
| LED Lifetime (Hrs) | 25000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50/60 | |
| Dimmable | Yes | |
| Operating Temp (°C) | -5 to +40 | |

Complete with prewired Flow™ Connector

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 55015 BS EN 61547 BS EN 62493 BS EN 61000-3-2 BS EN 61000-3-3

Fire Rating 30 Minutes: 'I' Joists, Metal Web and Solid Timber Joists
60 Minutes: 'I' Joists, Metal Web and Solid Timber Joists
90 Minutes: Solid Timber Joists Acoustic Rating 0dB (zero impact on sound insulation) Air Flow™ BS 5250: 2011 compliant

## 5.5W Dimmable IP65 LED Fixed Downlights

IP65 | WARRANTY 2 YEAR | DIMMABLE

AVAILABLE FINISHES: BLACK, WHITE, SATIN CHROME, CHROME

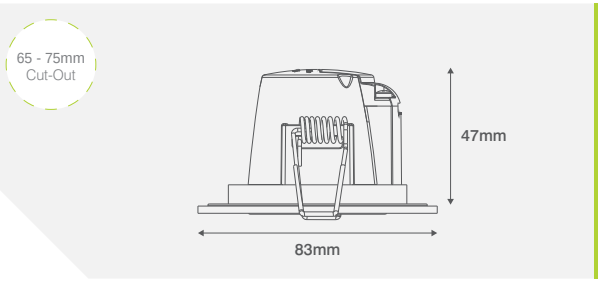
COLOUR TEMPERATURE: WARM WHITE, COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| **OV3500WH5WD** | Fixed Downlight - 2700K - White |
| **OV3500WH5CD** | Fixed Downlight - 4000K - White |
| **OV3500CH5WD** | Fixed Downlight - 2700K - Chrome |
| **OV3500CH5CD** | Fixed Downlight - 4000K - Chrome |
| **OV3500SC5WD** | Fixed Downlight - 2700K - Satin Chrome |
| **OV3500SC5CD** | Fixed Downlight - 4000K - Satin Chrome |
| **OV3500GBK5WD** | Fixed Downlight - 2700K - Gloss Black |
| **OV3500GBK5CD** | Fixed Downlight - 4000K - Gloss Black |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| **OVSP4120**** | 130mm Diameter (65mm Aperture) Converter Plates | See page 66 |
| **OEP6501** | 3 Hour Universal Emergency Pack with prewired Flow˜ Connectors | See page 68 |

| PRODUCT INFO | | |
|---|---|---|
| Circuit Wattage (W) | 5.5 | |
| CCT (K) | 2700 | 4000 |
| Lumens (lm) | 340 | 380 |
| Efficacy (lm/W) | 61 | 69 |
| CRI | >80 | |
| Beam Angle (°) | 90 | |
| LED Lifetime (Hrs) | 20000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50/60 | |
| Dimmable | Yes | |
| Operating Temp (°C) | -15 to +40 | |




With loop-in & out terminals

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-2 BS EN 62493





## 5.5W Fire Rated Dimmable IP65 LED Fixed Downlights

AVAILABLE FINISHES: CHROME, SATIN CHROME, WHITE

JOIST FIRE RATED | 30, 60 & 90 MIN FIRE-RATING | DIMMABLE | WARRANTY 2 YEAR | IP65

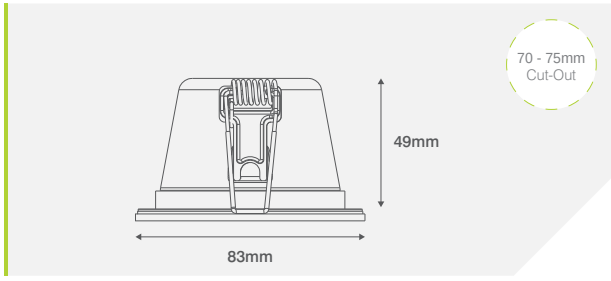
COLOUR TEMPERATURE: WARM WHITE, COOL WHITE

| PRODUCT INFO | | |
|---|---|---|
| Circuit Wattage (W) | 5.5 | |
| CCT (K) | 2700 | 4000 |
| Lumens (lm) | 340 | 380 |
| Efficacy (lm/W) | 61 | 69 |
| CRI | >80 | |
| Beam Angle (°) | 90 | |
| LED Lifetime (Hrs) | 20000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50/60 | |
| Dimmable | Yes | |
| Operating Temp (°C) | -15 to +40 | |

| CODE | DESCRIPTION |
|---|---|
| **OV3600WH5WD** | Fire Rated Fixed Downlight - 2700K - White |
| **OV3600WH5CD** | Fire Rated Fixed Downlight - 4000K - White |
| **OV3600CH5WD** | Fire Rated Fixed Downlight - 2700K - Chrome |
| **OV3600CH5CD** | Fire Rated Fixed Downlight - 4000K - Chrome |
| **OV3600SC5WD** | Fire Rated Fixed Downlight - 2700K - Satin Chrome |
| **OV3600SC5CD** | Fire Rated Fixed Downlight - 4000K - Satin Chrome |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| **OVSP3120**** | 130mm Diameter (75mm Aperture) Converter Plate | See page 66 |
| **OEP6501** | 3 Hour Universal Emergency Pack with prewired Flow˜ Connectors | See page 68 |
| **OVISC1020** | Insulation Support Bracket | See page 67 |




PRODUCT APPROVALS

Supplied with 300mm flylead

BS EN 60598-1 BS EN 60598-2-2 BS EN 61347-2-13

Fire Rating 30 Minutes: 'I' Joists, Metal Web and Solid Timber Joists 60 Minutes: 'I' Joists, Metal Web and Solid Timber Joists90 Minutes: Solid Timber Joists Acoustic Rating 0dB (zero impact on sound insulation) Air Flow™ BS 5250: 2011 compliant

## Accessories

IP20

WARRANTY 2 YEAR

AVAILABLE FINISHES: WHITE, SATIN CHROME, CHROME

### 130mm Diameter 65mm Aperture Converter Plate

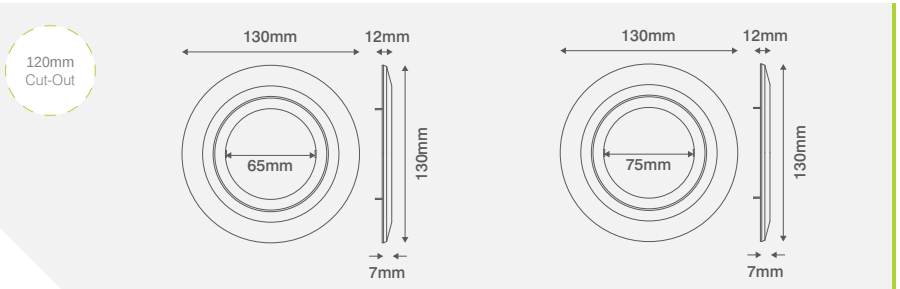
| CODE | DESCRIPTION |
|---|---|
| **OVSP4120WH** | Converter Plate - White |
| **OVSP4120CH** | Converter Plate - Chrome |
| **OVSP4120SC** | Converter Plate - Satin Chrome |

Suitable for Inceptor® **NanoV2 (fixed) and standard Inceptor® Pico downlights.**

### 130mm Diameter 75mm Aperture Converter Plate

| CODE | DESCRIPTION |
|---|---|
| **OVSP3120WH** | Converter Plate - White |
| **OVSP3120CH** | Converter Plate - Chrome |
| **OVSP3120SC** | Converter Plate - Satin Chrome |

Suitable for Inceptor® **OmniV2 (fixed & adjustable), Inceptor® NanoV2 (adjustable) & Inceptor® Pico FG Downlights**








## IP65 Downlight Cast Bezels

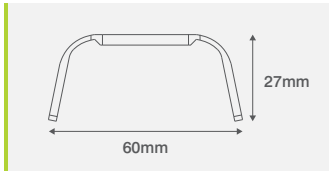
WARRANTY 5 YEAR

| CODE | DESCRIPTION | AVAILABLE FINISHES |
|---|---|---|
| **OVGF495WH** | IP65 Bezel - White | WHITE, SATIN CHROME, CHROME |
| **OVGF495CH** | IP65 Bezel - Chrome | |
| **OVGF495SC** | IP65 Bezel - Satin Chrome | |

**Suitable for OVGU395, GU795 & OVGZ096**

## Insulation Support Bracket

WARRANTY 2 YEAR

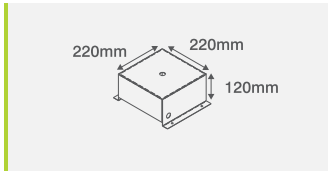



| CODE | DESCRIPTION | QTY | AVAILABLE FINISHES |
|---|---|---|---|
| **OVISC1020** | Clip On Bracket (PK 10) | 10 | BLUE |

**Suitable for Use with NanoV2, Nano[5] & Pico FG**

## Insulation Support Box

WARRANTY 5 YEAR




| CODE | DESCRIPTION |
|---|---|
| **OVGB400** | Insulation Support Box |

**Supplied Flatpacked**

## 3 Hour Universal Emergency Control Gear

IP20

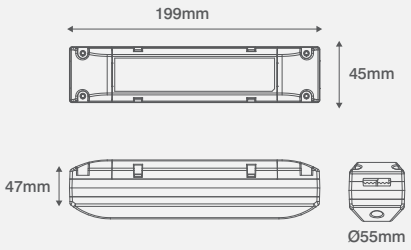
WARRANTY 4 YEAR

Pre-wired flow™ Connector

| CODE | DESCRIPTION |
|---|---|
| **OEP6501** | 6.5W Universal Emergency Pack |

Inceptor® Milli, Inceptor® Nano5, Inceptor® **Nano V2, Inceptor® Omni V2, Pico & Pico FG**

| PRODUCT INFO | |
|---|---|
| Circuit Wattage (W) | 6.5 |
| Voltage (AC) | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°C) | +5 to +60 |
| Duration (Hrs) | 3 |




Complete with prewired Flow™ Connectors

PRODUCT APPROVALS

BS EN 61347-2-7; BS EN 55015; BS EN 61547; BS EN 61000-3-2



# FLAMEGUARD®

5 YEAR WARRANTY

JOIST FIRE RATED

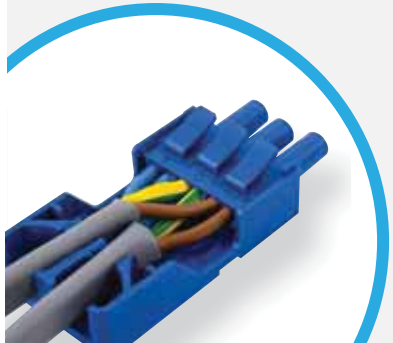
IP65 UP TO IP65 RATED

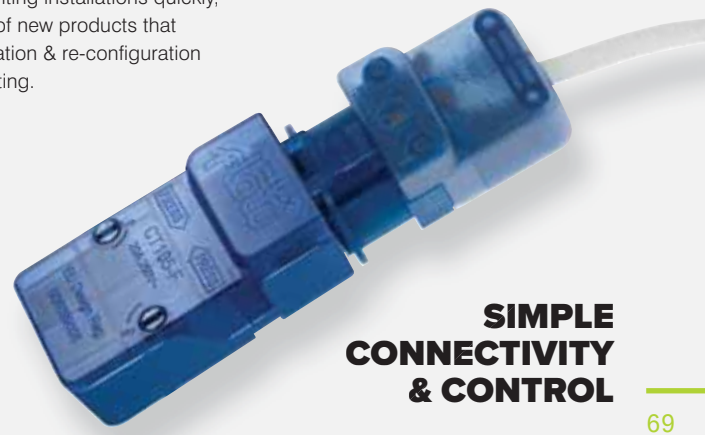
PRE-WIRED FLOW CONNECTOR

## PUSH-FIT CLICK FLOW CONNECTORS

PRE-WIRED flow CONNECTOR

The Click Flow range has been designed specifically to help contractors create more complex lighting installations quickly, easily & safely. It features a number of new products that allow the quick connection, configuration & re-configuration of circuits, primarily intended for lighting.





## SIMPLE CONNECTIVITY & CONTROL

## 50W Max. GU10 Cast Fixed Downlight

IP20 | WARRANTY 5 YEAR | JOIST FIRE RATED

AVAILABLE FINISHES: WHITE | SATIN CHROME | CHROME

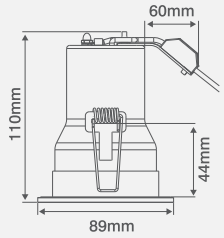
### OVGU700
COMPLETE WITH PREWIRED
PUSH-FIT FLOW™ CONNECTOR

| CODE | DESCRIPTION |
|---|---|
| **OVGU700WH** | GU10 Fixed Downlight - White |
| **OVGU700CH** | GU10 Fixed Downlight - Chrome |
| **OVGU700SC** | GU10 Fixed Downlight - Satin Chrome |

### OVGU300
COMPLETE WITH PREWIRED FLOW™
CONNECTOR WITH LOOP TERMINAL

| CODE | DESCRIPTION |
|---|---|
| **OVGU300WH** | GU10 Fixed Downlight - White |
| **OVGU300CH** | GU10 Fixed Downlight - Chrome |
| **OVGU300SC** | GU10 Fixed Downlight - Satin Chrome |

70mm Cut-Out




PRODUCT INFO

| | |
|---|---|
| Wattage (W) | 50 |
| Voltage (AC) | 220-240 |

Pre-wired flow™ Connector

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-2 BS 476: Part 21 BS EN 1365-2 BS EN ISO 10140-2 BS EN ISO 10140-3 BS 5250

Fire Rating 30 Minutes: 'I' Joists, Metal Web and Solid Timber Joists
60 Minutes: 'I' Joists, Metal Web and Solid Timber Joists
90 Minutes: Solid Timber Joists Acoustic Rating 0dB (zero impact on sound insulation) Air Flow™ BS 5250: 2011 compliant







## 50W Max. GU10 Fixed Downlight

AVAILABLE FINISHES: CHROME | SATIN CHROME | WHITE

JOIST FIRE RATED | WARRANTY 5 YEAR | IP20

### OVGU715
COMPLETE WITH PREWIRED
PUSH-FIT FLOW™ CONNECTOR

| CODE | DESCRIPTION |
|---|---|
| OVGU715WH | GU10 Fixed Downlight - White |
| OVGU715CH | GU10 Fixed Downlight - Chrome |
| OVGU715SC | GU10 Fixed Downlight - Satin Chrome |

### OVGU315
COMPLETE WITH PREWIRED FLOW™
CONNECTOR WITH LOOP TERMINAL

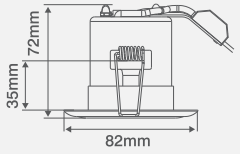
| CODE | DESCRIPTION |
|---|---|
| **OVGU315WH** | GU10 Fixed Downlight - White |
| **OVGU315CH** | GU10 Fixed Downlight - Chrome |
| **OVGU315SC** | GU10 Fixed Downlight - Satin Chrome |

PRODUCT INFO

| | |
|---|---|
| Wattage (W) | 50 |
| Voltage (AC) | 220-240 |

Pre-wired flow™ Connector

70mm Cut-Out




PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-2 BS 476: Part 21 BS EN 1365-2 BS EN ISO 10140-2 BS EN ISO 10140-3 BS 5250

Fire Rating 30 Minutes: 'I' Joists, Metal Web and Solid Timber Joists
60 Minutes: 'I' Joists, Metal Web and Solid Timber Joists
90 Minutes: Solid Timber Joists Acoustic Rating 0dB (zero impact on sound insulation) Air Flow™ BS 5250: 2011 compliant

## 50W Max. GU10 Cast Adjustable Downlight

IP20 | WARRANTY 5 YEAR | JOIST FIRE RATED

AVAILABLE FINISHES: WHITE | SATIN CHROME | CHROME

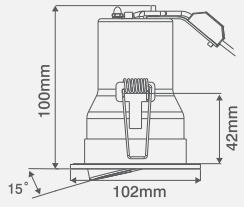
### OVGU705
COMPLETE WITH PREWIRED
PUSH-FIT FLOW™ CONNECTOR

| CODE | DESCRIPTION |
|---|---|
| **OVGU705WH** | GU10 Adjustable Downlight - White |
| **OVGU705CH** | GU10 Adjustable Downlight - Chrome |
| **OVGU705SC** | GU10 Adjustable Downlight - Satin Chrome |

### OVGU305
COMPLETE WITH PREWIRED
FLOW™ CONNECTOR WITH
LOOP TERMINAL

| CODE | DESCRIPTION |
|---|---|
| **OVGU305WH** | GU10 Adjustable Downlight - White |
| **OVGU305CH** | GU10 Adjustable Downlight - Chrome |
| **OVGU305SC** | GU10 Adjustable Downlight - Satin Chrome |

85mm Cut-Out




PRODUCT INFO

| | |
|---|---|
| Wattage (W) | 50 |
| Voltage (AC) | 220-240 |

Pre-wired flow™ Connector

15° Adjustable Angle

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-2 BS 476: Part 21 BS EN 1365-2 BS EN ISO 10140-2 BS EN ISO 10140-3 BS 5250

Fire Rating 30 Minutes: 'I' Joists, Metal Web and Solid Timber Joists
60 Minutes: 'I' Joists, Metal Web and Solid Timber Joists
90 Minutes: Solid Timber Joists Acoustic Rating 0dB (zero impact on sound insulation) BS 5250: 2011 compliant

CE UKCA





## 50W Max. GU10 Adjustable Downlight

AVAILABLE FINISHES: CHROME | SATIN CHROME | WHITE

JOIST FIRE RATED | WARRANTY 5 YEAR | IP20

### OVGU720
COMPLETE WITH PREWIRED
PUSH-FIT FLOW™ CONNECTOR

| CODE | DESCRIPTION |
|---|---|
| **OVGU720WH** | GU10 Adjustable Downlight - White |
| **OVGU720CH** | GU10 Adjustable Downlight - Chrome |
| **OVGU720SC** | GU10 Adjustable Downlight - Satin Chrome |

### OVGU320
COMPLETE WITH PREWIRED
FLOW™ CONNECTOR WITH
LOOP TERMINAL

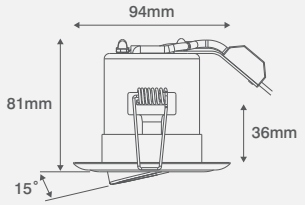
| CODE | DESCRIPTION |
|---|---|
| **OVGU320WH** | GU10 Adjustable Downlight - White |
| **OVGU320CH** | GU10 Adjustable Downlight - Chrome |
| **OVGU320SC** | GU10 Adjustable Downlight - Satin Chrome |

PRODUCT INFO

| | |
|---|---|
| Wattage (W) | 50 |
| Voltage (AC) | 220-240 |

Pre-wired flow™ Connector

80mm Cut-Out




PRODUCT APPROVALS

15° Adjustable Angle

BS EN 60598-1 BS EN 60598-2-2 BS 476: Part 21 BS EN 1365-2 BS EN ISO 10140-2 BS EN ISO 10140-3 BS 5250

Fire Rating 30 Minutes: 'I' Joists, Metal Web and Solid Timber Joists
60 Minutes: 'I' Joists, Metal Web and Solid Timber Joists
90 Minutes: Solid Timber Joists Acoustic Rating 0dB (zero impact on sound insulation) BS 5250: 2011 compliant

UKCA CE

## 50W Max. GU10 IP65 Downlight Housing

IP65 | WARRANTY 5 YEAR | JOIST FIRE RATED

### OVGU795
COMPLETE WITH PREWIRED PUSH-FIT FLOW™ CONNECTOR WITH LOOP TERMINAL

| CODE | DESCRIPTION |
|---|---|
| **OVGU795** | GU10 Downlight Housing |

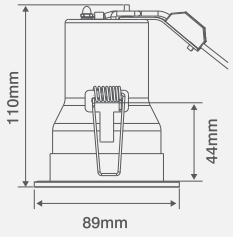
### OVGU395
COMPLETE WITH PREWIRED FLOW™ CONNECTOR WITH LOOP TERMINAL

| CODE | DESCRIPTION |
|---|---|
| **OVGU395** | GU10 Downlight Housing |

COMPATIBLE PRODUCTS See page 67

| | |
|---|---|
| **OVGF495WH** | Cast IP65 Bezel - White |
| **OVGF495CH** | Cast IP65 Bezel - Chrome |
| **OVGF495SC** | Cast IP65 Bezel - Satin Chrome |

70mm Cut-Out




PRODUCT INFO

| | |
|---|---|
| Wattage (W) | 50 |
| Voltage (AC) | 220-240 |

Pre-wired flow™ Connector

IP65 Rated When OVGF495 IP65 Bezel Fitted. Complete with prewired Flow™ Connector with loop terminal

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-2 BS 476: Part 21 BS EN 1365-2 BS EN ISO 10140-2 BS EN ISO 10140-3 BS 5250

Fire Rating 30 Minutes: 'I' Joists, Metal Web and Solid Timber Joists
60 Minutes: 'I' Joists, Metal Web and Solid Timber Joists
90 Minutes: Solid Timber Joists Acoustic Rating 0dB (zero impact on sound insulation) Air Flow™ BS 5250: 2011 compliant

CE UKCA





## 50W Max. GZ10/GU10 IP65 Downlight Frame

COMPATIBLE PRODUCTS:

WARRANTY 1 YEAR | IP65

Pre-wired flow™ Connector

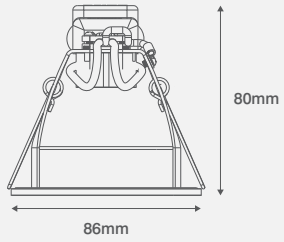
| PRODUCT INFO | |
|---|---|
| Wattage (W) | 50 |
| Voltage (AC) | 220-240 |

| CODE | DESCRIPTION |
|---|---|
| **OVGZ096** | GZ/GU10 Downlight Frame |

COMPATIBLE PRODUCTS See page 67

| | |
|---|---|
| **OVGF495WH** | Cast IP65 Bezel - White |
| **OVGF495CH** | Cast IP65 Bezel - Chrome |
| **OVGF495SC** | Cast IP65 Bezel - Satin Chrome |

75mm Cut-Out




PRODUCT APPROVALS

IP65 Rated When OVGF495 IP65 Bezel Fitted. Complete with prewired Flow™ Connector with loop terminal.

BS EN 60598-1 BS EN 60598-2-2

UKCA CE

## 50W Max. GZ10/GU10 Fixed Downlights

WARRANTY

IP20 | 1 YEAR

AVAILABLE FINISHES

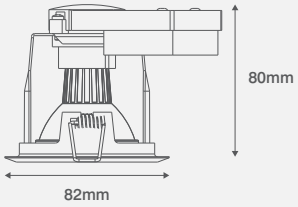
WHITE | SATIN CHROME

| CODE | DESCRIPTION |
|---|---|
| **OVGZ015WH** | GZ/GU10 Fixed Downlight - White |
| **OVGZ015SC** | GZ/GU10 Fixed Downlight - Satin Chrome |

PRODUCT INFO

| | |
|---|---|
| Wattage (W) | 50 |
| Voltage (AC) | 220-240 |

65-75mm Diameter Cut-Out




PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-2







## 50W Max. GZ10/GU10 Adjustable Downlight

AVAILABLE FINISHES

CHROME | SATIN CHROME

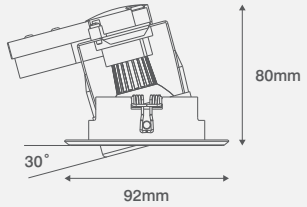
WARRANTY

1 YEAR | IP20

| PRODUCT INFO | |
|---|---|
| Wattage (W) | 50 |
| Voltage (AC) | 220-240 |

| CODE | DESCRIPTION |
|---|---|
| **OVGZ020CH** | GZ/GU10 Adjustable Downlight - Chrome |
| **OVGZ020SC** | GZ/GU10 Adjustable Downlight - Satin Chrome |

75 - 82mm Cut-Out




PRODUCT APPROVALS

30° Adjustable Angle

BS EN 60598-1 BS EN 60598-2-2

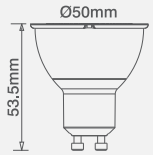
## 4.9W GU10 LED Lamps

WARRANTY 2 YEAR

WARM WHITE | COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| **OVLA1009W4** | 4.9W GU10 LED Lamp - 2700K |
| **OVLA1010C4** | 4.9W GU10 LED Lamp - 4000K |

| PRODUCT INFO | | |
|---|---|---|
| Circuit Wattage (W) | 4.9 | |
| CCT (K) | 2700 | 4000 |
| Lumens (lm) | 465 | 490 |
| Efficacy (lm/W) | 95 | 100 |
| CRI | >80 | |
| Beam Angle (°) | 38 | |
| LED Lifetime (Hrs) | 25000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50 | |
| Dimmable | No | |
| Operating Temp (°C) | -25 to +40 | |




PRODUCT APPROVALS

BS EN 62560 BS EN 62471 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2 BS EN 61000-3-3







## 4.9W GU10 Dimmable LED Lamps

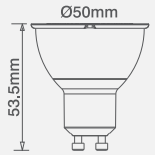
DIMMABLE WARRANTY 2 YEAR

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE

| PRODUCT INFO | | |
|---|---|---|
| Circuit Wattage (W) | 4.9 | |
| CCT (K) | 2700 | 4000 |
| Lumens (lm) | 408 | 465 |
| Efficacy (lm/W) | 85 | 95 |
| CRI | >80 | |
| Beam Angle (°) | 38 | |
| LED Lifetime (Hrs) | 25000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50 | |
| Dimmable | Yes | |
| Operating Temp (°C) | -25 to +40 | |

| CODE | DESCRIPTION |
|---|---|
| **OVLA1011W4D** | 4.9W GU10 LED Dimmable Lamp - 2700K |
| **OVLA1012C4D** | 4.9W GU10 LED Dimmable Lamp - 4000K |




PRODUCT APPROVALS

BS EN 62560; BS EN 62471; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2; BS EN 61000-3-3

# SHAVER LIGHT | NOVUS

## 7W LED Dual Voltage Shaver Luminaire - IP20

IP20

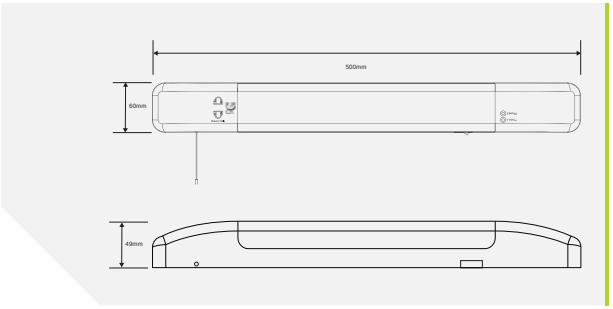
WARRANTY 3 YEAR

AVAILABLE FINISHES

CHROME WHITE

COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| ON7-W | 7W Shaver Luminaire - 4000K - White |
| ON7-CH | 7W Shaver Luminaire - 4000K - Chrome |

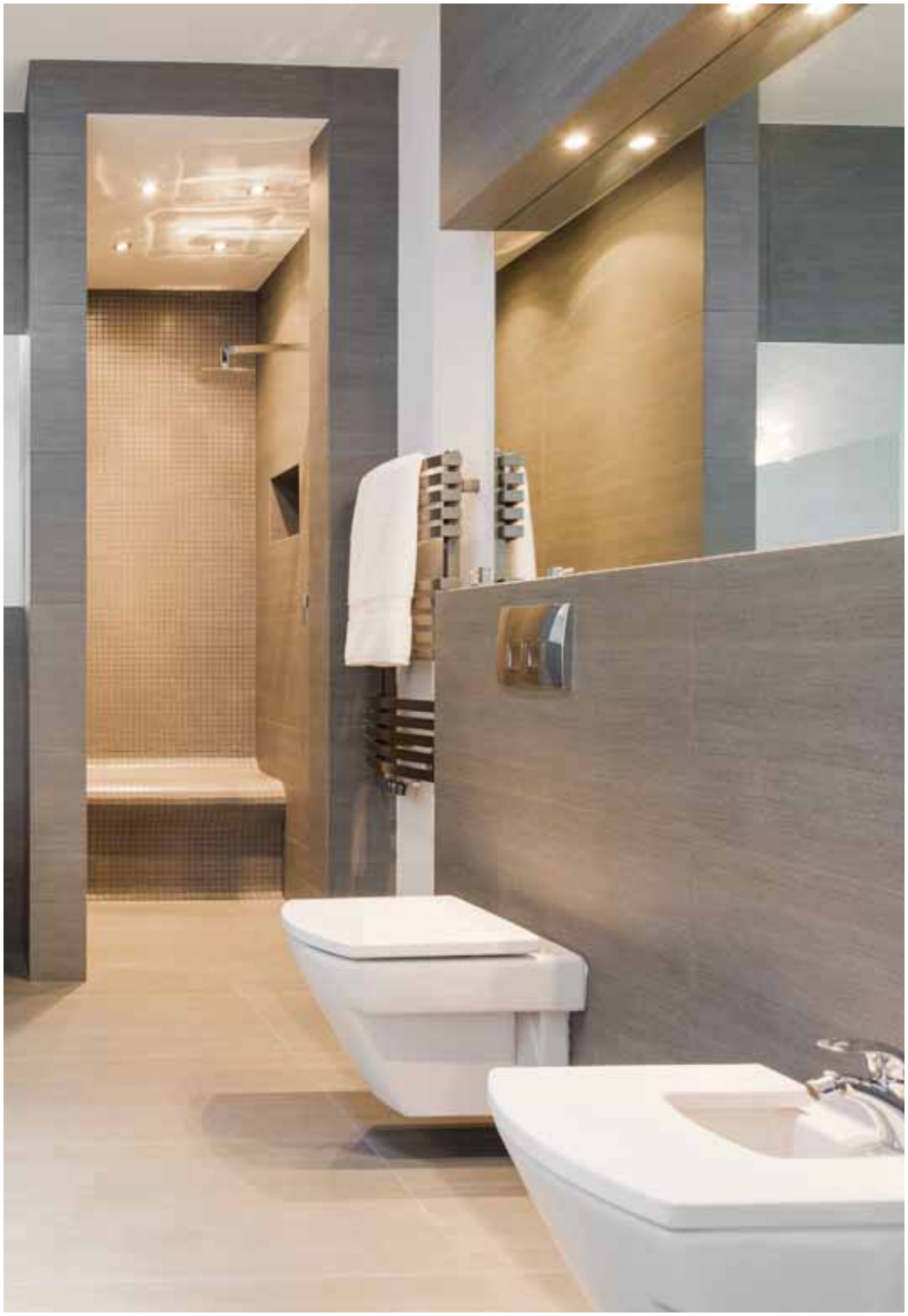



| PRODUCT INFO | |
|---|---|
| CCT (K) | 4000 |
| Lumens (lm) | 480 |
| Efficacy (lm/W) | 70 |
| Wattage (W) | 7 |
| CRI | 80 |
| Beam Angle (°) | 110 |
| LED Lifetime (Hrs) | 54000 |
| Voltage (V~) | 220-240 |
| Frequency (Hz) | 50/60 |
| Dimmable | No |
| Operating Temp (°C) | -20 to +40 |

Pull cord light switch. Switch between 115V and 230V shaver outputs

PRODUCT APPROVALS

BS EN 60598-2-22 BS EN 55015 BS EN 61000-3-2 BS EN 61000-3-3 BS EN 61547 BS EN 62031 BS EN 62493



## 0.8W 12V IP44 LED Plastic Starlight

WARRANTY

IP44 | 1 YEAR

AVAILABLE FINISHES

WHITE | SATIN CHROME | CHROME

COLOUR TEMPERATURE

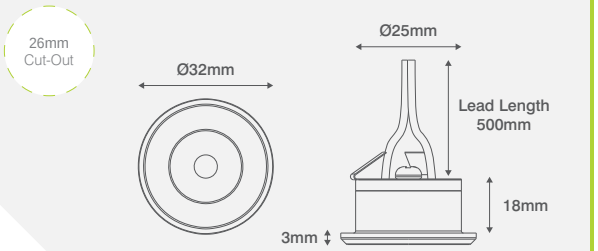
DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| **OV204DLWH** | Recessed Plastic Starlight - White |
| **OV204DLCH** | Recessed Plastic Starlight - Chrome |
| **OV204DLSC** | Recessed Plastic Starlight - Satin Chrome |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| **OVTR301** | 0.5-15Va 12V DC LED Driver (Non-dimmable) | See page 132 |

| PRODUCT INFO | |
|---|---|
| Circuit Wattage (W) | 0.8 |
| CCT (K) | 6000 |
| Lumens (lm) | 80 |
| Voltage (DC) | 12 |
| Lens Type | Clear |




Prewired with 0.5 metre flylead

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 55015 BS EN 61000-3-2 BS EN 61000-3-3 BS EN 61547







## 1.6W 12V IP44 LED Cast Starlight

AVAILABLE FINISHES

CHROME | SATIN CHROME | WHITE

WARRANTY

1 YEAR | IP44

COLOUR TEMPERATURE

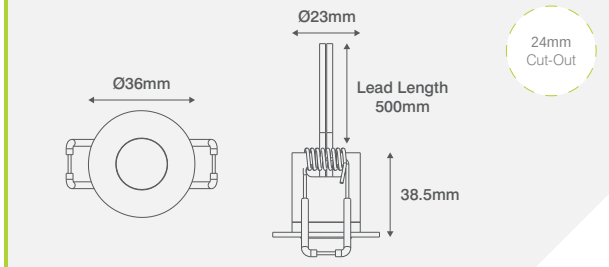
DAYLIGHT

| PRODUCT INFO | |
|---|---|
| Circuit Wattage (W) | 1.6 |
| CCT (K) | 6000 |
| Lumens (lm) | 100 |
| Voltage (DC) | 12 |
| Lens Type | Opal |

| CODE | DESCRIPTION |
|---|---|
| **OV203DLWH** | Recessed Cast Starlight - White |
| **OV203DLCH** | Recessed Cast Starlight - Chrome |
| **OV203DLSC** | Recessed Cast Starlight - Satin Chrome |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| **OVTR301** | 0.5-15Va 12V DC LED Driver (Non-dimmable) | See page 132 |




PRODUCT APPROVALS

Prewired with 0.5 metre flylead

BS EN 60598-1 BS EN 60598-2-1 BS EN 55015 BS EN 61000-3-2 BS EN 61000-3-3 BS EN 61547

# INCEPTOR® INTENSE

## 24V LED Strips

3YR WARRANTY | IP65 | IP20 | 3000K WARM WHITE | 4000K COOL WHITE | RGBW

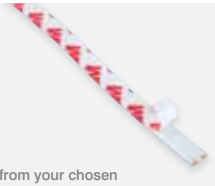
## Complete Customisation

Our LED Strips come in pre-cut lengths from 0.5m to 5m, offering complete versatility and ensuring a quick and easy installation.

This coupled with designated cutting points allows total flexibility for every installation.

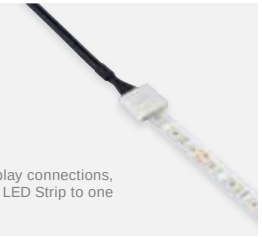
## Getting Set Up...

**STEP 1.**



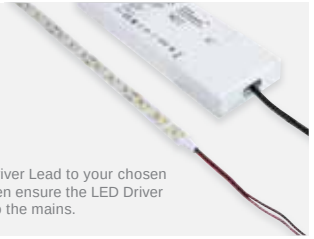
Peel the adhesive back from your chosen LED Strip and place down on a clean and even surface.

**STEP 2.**



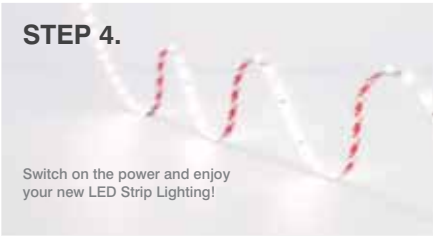
Utilising the plug and play connections, connect the end of the LED Strip to one of our Driver Leads.

**STEP 3.**



Connect the Driver Lead to your chosen LED Driver. Then ensure the LED Driver is connected to the mains.

**STEP 4.**



Switch on the power and enjoy your new LED Strip Lighting!



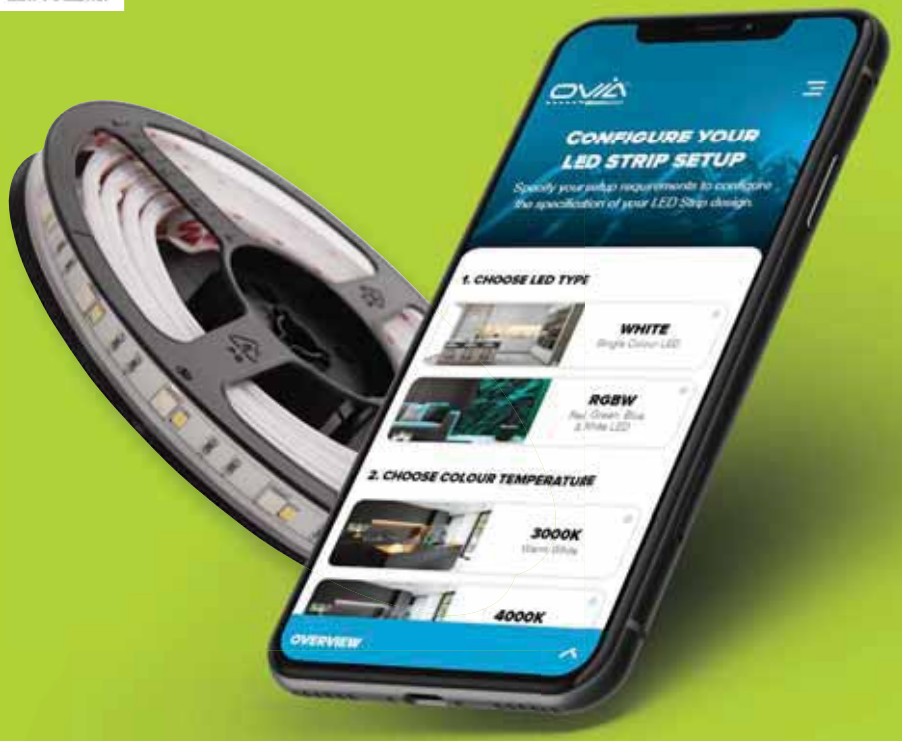
# CONFIGURE YOUR OWN LED STRIP

## Download the Scolmore® Group App!

**FOR OUR SIMPLE LED TAPE CONFIGURATOR**

Enabling you to create the perfect LED tape setup **with an easy step by step guide.**

Simply scan the QR code to download or search for the Scolmore® **Group app on the App Store or Google Play Store.**




Download on the App Store | GET IT ON Google Play

# COMPARING INCEPTOR® INTENSE

## LED Size and Density

**LED density has a direct impact on the total amount of light output; it also affects the** light distribution.

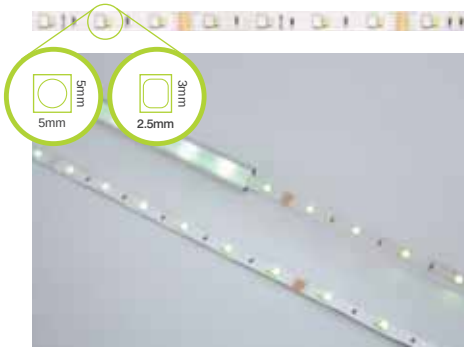
**The individual LEDs on a strip may create a 'dotted' effect or what is also sometimes called 'spotting.' A higher density LED strip will have a lower chance of 'spotting' as the individual** LEDs cannot be seen.

### 7.2W STANDARD LED STRIP

Our IP20 & IP65 standard 7.2W LED Strips have 60 LEDs per metre. These are available in Warm White (3000K) and Cool White (4000K).

### 7.2W RGBW LED STRIP

Our IP20 & IP65 RGBW 7.2W LED Strips have 48 LEDs per metre. Up to 16 million colour options, as well as warm and cool white.

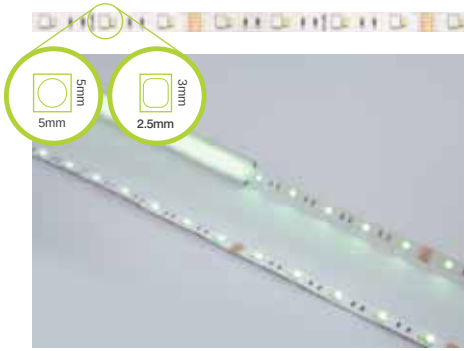



### 14.4W STANDARD LED STRIP

Our IP20 & IP65 standard 14.4W LED Strips have 120 LEDs per metre. These are available in Warm White (3000K) and Cool White (4000K).

### 14.4W RGBW LED STRIP

Our IP20 & IP65 RGBW 14.4W LED Strips have 60 LEDs per metre. Up to 16 million colour options, as well as warm and cool white.






## Lumen Output

Lumen is the measurement of brightness as perceived by the human eye. There are **requirements for a certain amount of brightness in order to achieve the desired aesthetic. Ovia offers a dedicated lighting design service to assist with choosing the right products and solutions to create a scheme that meets all the requirements and objectives of the project in question.**

### - LUMENS (LM)

### + LUMENS (LM)

| EXAMPLE APPLICATIONS | RECOMMENDED WATTAGE / IP RATING |
|---|---|
| Accent Lighting & Mood Lighting | 7.2W RGBW - IP20 |
| Under Cabinet Lighting | 7.2W Standard - IP20 |
| Indirect Lighting in a Bedroom / Hotel / Vehicle / Lobby | 14.4W Standard - IP20 |
| Outdoor Decking Lighting | 7.2W Standard - IP65 |
| Industrial Lighting / Signage / Tube Replacements | 14.4W RGBW - IP65 |

## Colour Temperature

CCT (Correlated Colour Temperature) refers to the colour temperature of light, measured in degrees Kelvin (K). The temperature rating directly affects what the white light will look like. Your choice of light colour will depend on the effect that is required for each project. We also offer RBGW LED Strip, this enables you to choose between 16 million colour variations.

### 3000K

### 4000K

### RGBW

# CHOOSING INCEPTOR® INTENSE

## 1. Pick your LED Strip:

All of our Inceptor® **Intense LED Strips come in 0.5, 1m, 2m and 5m length; there is also the option of IP20 and IP65.**

### 7.2W/24V (IP20)

3000K LED Strip — Cut Length = 100mm

4000K LED Strip — Cut Length = 100mm

RGB + 3000K LED Strip — Cut Length = 250mm

RGB + 4000K LED Strip — Cut Length = 250mm

### 14.4W/24V (IP20)

3000K LED Strip — Cut Length = 50mm

4000K LED Strip — Cut Length = 50mm

RGB + 3000K LED Strip — Cut Length = 166.7mm

RGB + 4000K LED Strip — Cut Length = 166.7mm

### 7.2W/24V (IP65)

3000K LED Strip — Cut Length = 100mm

4000K LED Strip — Cut Length = 100mm

RGB + 3000K LED Strip — Cut Length = 250mm

RGB + 4000K LED Strip — Cut Length = 250mm

### 14.4W/24V (IP65)

3000K LED Strip — Cut Length = 50mm

4000K LED Strip — Cut Length = 50mm

RGB + 3000K LED Strip — Cut Length = 166.7mm

RGB + 4000K LED Strip — Cut Length = 166.7mm



## 2. Choose a Driver:

Find your recommended Driver using your chosen LED Strip and the recommended maximum lengths:

LINEAR

| | | | | | | |
|---|---|---|---|---|---|---|
| **7.2W - IP20** | 4M | 8M | 12M | 30M | 8M | 16M |
| **14.4W - IP20** | 2M | 4M | 6M | 15M | 4M | 8M |
| **7.2W - IP65** | 4M | 8M | 12M | 30M | 8M | 16M |
| **14.4W - IP65** | 2M | 4M | 6M | 15M | 4M | 8M |
| RECOMMENDED DRIVER | **30W** OVCG24V30IP20L | **60W** OVCG24V60IP20L | **90W** OVCG24V90IP20L | **250W** OVCG24V250L | 75W OCG2475L-T | **150W** OCG24150L-T |
| | | | | | DIMMABLE | |

When used with IP65 LED strip, the IP20 linear LED driver must be located remotely.

COMPACT

| | | | | |
|---|---|---|---|---|
| **7.2W - IP20** | 4M | 8M | 12M | 15M |
| **14.4W - IP20** | 2M | 4M | 6M | 8M |
| **7.2W - IP65** | 4M | 8M | 12M | 15M |
| **14.4W - IP65** | 2M | 4M | 6M | 8M |
| RECOMMENDED DRIVER | **30W** OVCG24V30IP20 | **60W** OVCG24V60IP20 | **90W** OVCG24V90IP20 | **120W** OVCG24V120IP20 |

When used with IP65 LED strip, the IP20 linear LED driver must be located remotely.

**COMPACT - IP67**

| | | | |
|---|---|---|---|
| **7.2W - IP20** | 13M | 20M | 27M |
| **14.4W - IP20** | 6M | 10M | 13M |
| **7.2W - IP65** | 13M | 20M | 27M |
| **14.4W - IP65** | 6M | 10M | 13M |
| RECOMMENDED DRIVER | **100W** OVCG24V100IP67 | **150W** OVCG24V150IP67 | **200W** OVCG24V200IP67 |

# CHOOSING INCEPTOR® INTENSE

## 3. Choose your Driver Starter Lead:

All of our Driver Leads are available in 0.5m, 1m, 2m and 5m in length; along with IP20 or IP65 options. A 100mm flylead is supplied with each LED strip as standard.

### 7.2W (2 PIN)

For use with 8mm wide 3000K & 4000K Standard LED Strips

### 14.4W (2 PIN)

For use with 10mm wide 3000K & 4000K Standard LED Strips

### 7.2W & 14.4W (5 PIN)

For use with 12mm wide RGBW LED Strips

## 4. Optional Accessories:

### 7.2W JOINER LEAD (IP20 & IP65)

100mm Length (2 Pin). For use with 8mm wide LED Strip.

### 14.4W JOINER LEAD (IP20 & IP65)

100mm Length (2 Pin). For use with 10mm wide LED Strip.

### 7.2W & 14.4W JOINER LEAD (IP20 & IP65)

100mm Length (5 Pin). For use with 12mm wide LED Strip.

### L, X & T CONNECTORS (IP20)

| 7.2W | 14.4W | 7.2W & 14.4W |
|---|---|---|
| | | |
| (2 Pin) For 8mm wide LED Strip. | (2 Pin) For 10mm wide LED Strip. | (5 Pin) For 12mm wide LED Strip. |

### JOINER CONNECTORS (IP20 & IP65)

| 7.2W | 14.4W | 7.2W & 14.4W |
|---|---|---|
| |  | |
| (2 Pin) For 8mm wide LED Strip. | (2 Pin) For 10mm wide LED Strip. | (5 Pin) For 12mm wide LED Strip. |



## 5. LED Controllers:

Our touch sensitive LED Controllers are required when operating the RGBW LED Strips.

### PANEL CONTROLLER

OVRGBWDP

### REMOTE CONTROLLER

OVRGBWC

### RGBW RECEIVER

**The RGBW Receiver is included with the RGBW Remote Controller. Simply connect** your chosen LED Strip to the receiver, then **connect the receiver to your driver, allowing** you full control of your LED Strips.

## 6. Aluminium Profiles

### 2M - CORNER PROFILE (IP20)

Available in both Clear & Opal Finishes.

Standard Options Available.

### 2M - RECESSED PROFILE (IP20 & IP65)

Available in both Clear & Opal Finishes.

Standard & Narrow Options Available.

### 2M - SURFACE MOUNTED PROFILE (IP20)



Available in both Clear & Opal Finishes.

Standard & Narrow Options Available.

## 7.2W/M 24V IP20 LED Strip Reels

IP20

WARRANTY 3 YEAR

WARM WHITE | COOL WHITE | RGBW

| CODE | DESCRIPTION |
|---|---|
| **OV18705WW20** | 7.2W/M 8mm LED Strip 0.5M Reel - 3000K |
| **OV18705CW20** | 7.2W/M 8mm LED Strip 0.5M Reel - 4000K |
| **OV18705RGBWW20** | 7.2W/M 12mm LED Strip 0.5M Reel - RGB+3000K |
| **OV18705RGBCW20** | 7.2W/M 12mm LED Strip 0.5M Reel - RGB+4000K |

| CODE | DESCRIPTION |
|---|---|
| **OV1871WW20** | 7.2W/M 8mm LED Strip 1M Reel - 3000K |
| **OV1871CW20** | 7.2W/M 8mm LED Strip 1M Reel - 4000K |
| **OV1871RGBWW20** | 7.2W/M 12mm LED Strip 1M Reel - RGB+3000K |
| **OV1871RGBCW20** | 7.2W/M 12mm LED Strip 1M Reel - RGB+4000K |

| CODE | DESCRIPTION |
|---|---|
| **OV1872WW20** | 7.2W/M 8mm LED Strip 2M Reel - 3000K |
| **OV1872CW20** | 7.2W/M 8mm LED Strip 2M Reel - 4000K |
| **OV1872RGBWW20** | 7.2W/M 12mm LED Strip 2M Reel - RGB+3000K |
| **OV1872RGBCW20** | 7.2W/M 12mm LED Strip 2M Reel - RGB+4000K |

| CODE | DESCRIPTION |
|---|---|
| **OV1875WW20** | 7.2W/M 8mm LED Strip 5M Reel - 3000K |
| **OV1875CW20** | 7.2W/M 8mm LED Strip 5M Reel - 4000K |
| **OV1875RGBWW20** | 7.2W/M 12mm LED Strip 5M Reel - RGB+3000K |
| **OV1875RGBCW20** | 7.2W/M 12mm LED Strip 5M Reel - RGB+4000K |

### PRODUCT INFO

| | | | | |
|---|---|---|---|---|
| Circuit Wattage (W) | 7.2 | | | |
| Beam Angle (°) | 120 | | | |
| CCT (K) | 3000 | 4000 | RGB+3000 | RGB+4000 |
| Lumens (lm) (1M) | 680 | 750 | 380 (White) | 400 (White) |
| Efficacy (lm/W) | 95 | 105 | 53 | 56 |
| Cut Lengths (mm) | Every 100 | Every 100 | Every 250 | Every 250 |

| | |
|---|---|
| LED Lifetime (Hrs) | 36000 |
| Voltage (DC) | 24 |
| CRI | >80 (White) |
| Operating Temp (°C) | -20 to +45 |
| IP Rating | IP20 |

Supplied with 100mm stripped end flylead

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-20 BS EN 62031 BS EN 62471 BS EN 62493 BS EN 55015







## 7.2W IP20 LED Strip Accessories

WARRANTY 3 YEAR

| CODE | DESCRIPTION |
|---|---|
| **24V LED STRIP FLEXIBLE DRIVER STARTER LEADS - IP20** | |
| **OVSSL2805** | 0.5M Starter Lead - 7.2W/M 2 Pin 8mm IP20 |
| OVSSL281 | 1M Starter Lead - 7.2W/M 2 Pin 8mm IP20 |
| OVSSL282 | 2M Starter Lead - 7.2W/M 2 Pin 8mm IP20 |
| OVSSL285 | 5M Starter Lead - 7.2W/M 2 Pin 8mm IP20 |
| **OVSSL51205** | 0.5M Starter Lead - 7.2W & 14.4W 5 Pin 12mm IP20 |
| OVSSL5121 | 1M Starter Lead - 7.2W & 14.4W 5 Pin 12mm IP20 |
| OVSSL5122 | 2M Starter Lead - 7.2W & 14.4W 5 Pin 12mm IP20 |
| OVSSL5125 | 5M Starter Lead - 7.2W & 14.4W 5 Pin 12mm IP20 |
| **24V LED STRIP FLEXIBLE JOINER LEADS - IP20** | |
| **OVSJL2801** | 100mm Joiner Lead - 7.2W/M 2 Pin 8mm IP20 |
| **OVSJL51201** | 100mm Joiner Lead - 7.2W & 14.4W 5 Pin 12mm IP20 |
| **24V LED STRIP JOINING CONNECTORS – IP20** | |
| OVSJC28 | 7.2W/M 2 Pin 8mm IP20 Joining Connector (5 Pack) |
| OVSJC512 | 7.2W & 14.4W 5 Pin 12mm IP20 Joining Connector (5 Pack) |
| **24V LED STRIP MOUNTING SUPPORT CLIPS - IP20** | |
| OVSMC28 | 7.2W/M 2 Pin 8mm IP20 Mounting Clips (5 Pack) |
| OVSMC512 | 7.2W & 14.4W 5 Pin 12mm IP20 Mounting Clips (5 Pack) |
| **24V LED STRIP SHAPE CONNECTORS – IP20** | |
| OVSLC28 | L Shape Connector - 7.2W/M 2 Pin 8mm IP20 (5 Pack) |
| OVSXC28 | X Shape Connector - 7.2W/M 2 Pin 8mm IP20 (5 Pack) |
| OVSTC28 | T Shape Connector - 7.2W/M 2 Pin 8mm IP20 (5 Pack) |
| OVSLC512 | L Shape Connector - 7.2W & 14.4W 5 Pin 12mm IP20 (5 Pack) |
| OVSXC512 | X Shape Connector - 7.2W & 14.4W 5 Pin 12mm IP20 (5 Pack) |
| OVSTC512 | T Shape Connector - 7.2W & 14.4W 5 Pin 12mm IP20 (5 Pack) |

PRODUCT APPROVALS

BS EN 60598-1

2 pin suitable for CW and WW, 5 pin for RGBW

## 14.4W/M 24V IP20 LED Strip Reels

IP20

WARRANTY 3 YEAR

WARM WHITE | COOL WHITE | RGBW

| CODE | DESCRIPTION |
|---|---|
| **OV181405WW20** | 14.4W/M 10mm LED Strip 0.5M Reel - 3000K |
| **OV181405CW20** | 14.4W/M 10mm LED Strip 0.5M Reel - 4000K |
| **OV181405RGBWW20** | 14.4W/M 12mm LED Strip 0.5M Reel - RGB+3000K |
| **OV181405RGBCW20** | 14.4W/M 12mm LED Strip 0.5M Reel - RGB+4000K |

| CODE | DESCRIPTION |
|---|---|
| **OV18141WW20** | 14.4W/M 10mm LED Strip 1M Reel - 3000K |
| **OV18141CW20** | 14.4W/M 10mm LED Strip 1M Reel - 4000K |
| **OV18141RGBWW20** | 14.4W/M 12mm LED Strip 1M Reel - RGB+3000K |
| **OV18141RGBCW20** | 14.4W/M 12mm LED Strip 1M Reel - RGB+4000K |

| CODE | DESCRIPTION |
|---|---|
| **OV18142WW20** | 14.4W/M 10mm LED Strip 2M Reel - 3000K |
| **OV18142CW20** | 14.4W/M 10mm LED Strip 2M Reel - 4000K |
| **OV18142RGBWW20** | 14.4W/M 12mm LED Strip 2M Reel - RGB+3000K |
| **OV18142RGBCW20** | 14.4W/M 12mm LED Strip 2M Reel - RGB+4000K |

| CODE | DESCRIPTION |
|---|---|
| **OV18145WW20** | 14.4W/M 10mm LED Strip 5M Reel - 3000K |
| **OV18145CW20** | 14.4W/M 10mm LED Strip 5M Reel - 4000K |
| **OV18145RGBWW20** | 14.4W/M 12mm LED Strip 5M Reel - RGB+3000K |
| **OV18145RGBCW20** | 14.4W/M 12mm LED Strip 5M Reel - RGB+4000K |

### PRODUCT INFO

| | | | | |
|---|---|---|---|---|
| Circuit Wattage (W) | 14.4 | | | |
| Beam Angle (°) | 120 | | | |
| CCT (K) | 3000 | 4000 | RGB+3000 | RGB+4000 |
| Lumens (lm) (1M) | 1340 | 1400 | 685 (White) | 720 (White) |
| Efficacy (lm/W) | 93 | 97 | 47 | 50 |
| Cut Lengths (mm) | Every 50 | Every 50 | Every 166.7 | Every 166.7 |

| | |
|---|---|
| LED Lifetime (Hrs) | 36000 |
| Voltage (DC) | 24 |
| CRI | >80 (White) |
| Operating Temp (°C) | -20 to +45 |
| IP Rating | IP20 |

Supplied with 100mm stripped end flylead

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-20 BS EN 62031 BS EN 62471 BS EN 62493 BS EN 55015

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## 14.4W IP20 LED Strip Accessories

WARRANTY 3 YEAR

| CODE | DESCRIPTION |
|---|---|
| **24V LED STRIP FLEXIBLE DRIVER STARTER LEADS - IP20** | |
| **OVSSL21005** | 0.5M Starter Lead - 14.4W/M 2 Pin 10mm IP20 |
| **OVSSL2101** | 1M Starter Lead - 14.4W/M 2 Pin 10mm IP20 |
| **OVSSL2102** | 2M Starter Lead - 14.4W/M 2 Pin 10mm IP20 |
| **OVSSL2105** | 5M Starter Lead - 14.4W/M 2 Pin 10mm IP20 |
| **OVSSL51205** | 0.5M Starter Lead - 7.2W & 14.4W 5 Pin 12mm IP20 |
| OVSSL5121 | 1M Starter Lead - 7.2W & 14.4W 5 Pin 12mm IP20 |
| OVSSL5122 | 2M Starter Lead - 7.2W & 14.4W 5 Pin 12mm IP20 |
| OVSSL5125 | 5M Starter Lead - 7.2W & 14.4W 5 Pin 12mm IP20 |

| | |
|---|---|
| **24V LED STRIP FLEXIBLE JOINER LEADS - IP20** | |
| **OVSJL21001** | 100mm Joiner Lead - 14.4W/M 2 Pin 10mm IP20 |
| **OVSJL51201** | 100mm Joiner Lead - 7.2W & 14.4W 5 Pin 12mm IP20 |

| | |
|---|---|
| **24V LED STRIP JOINING CONNECTORS – IP20** | |
| **OVSJC210** | 14.4W/M 2 Pin 10mm IP20 Joining Connector (5 Pack) |
| OVSJC512 | 7.2W & 14.4W 5 Pin 12mm IP20 Joining Connector (5 Pack) |

| | |
|---|---|
| **24V LED STRIP MOUNTING SUPPORT CLIPS - IP20** | |
| **OVSMC210** | 14.4W/M 2 Pin 10mm IP20 Mounting Clips (5 Pack) |
| OVSMC512 | 7.2W & 14.4W 5 Pin 12mm IP20 Mounting Clips (5 Pack) |

| | |
|---|---|
| **24V LED STRIP SHAPE CONNECTORS – IP20** | |
| **OVSLC210** | L Shape Connector - 14.4W/M 2 Pin 10mm IP20 (5 Pack) |
| **OVSXC210** | X Shape Connector - 14.4W/M 2 Pin 10mm IP20 (5 Pack) |
| **OVSTC210** | T Shape Connector - 14.4W/M 2 Pin 10mm IP20 (5 Pack) |
| OVSLC512 | L Shape Connector - 7.2W & 14.4W 5 Pin 12mm IP20 (5 Pack) |
| OVSXC512 | X Shape Connector - 7.2W & 14.4W 5 Pin 12mm IP20 (5 Pack) |
| OVSTC512 | T Shape Connector - 7.2W & 14.4W 5 Pin 12mm IP20 (5 Pack) |

PRODUCT APPROVALS

2 pin suitable for CW and WW, 5 pin for RGBW

BS EN 60598-1

UKCA CE

## 7.2W/M 24V IP65 LED Strip Reels

IP65

WARRANTY 3 YEAR

WARM WHITE | COOL WHITE | RGBW

| CODE | DESCRIPTION |
|---|---|
| **OV18705WW65** | 7.2W/M 8mm LED Strip 0.5M Reel - 3000K |
| **OV18705CW65** | 7.2W/M 8mm LED Strip 0.5M Reel - 4000K |
| **OV18705RGBWW65** | 7.2W/M 12mm LED Strip 0.5M Reel - RGB+3000K |
| **OV18705RGBCW65** | 7.2W/M 12mm LED Strip 0.5M Reel - RGB+4000K |

| CODE | DESCRIPTION |
|---|---|
| **OV1871WW65** | 7.2W/M 8mm LED Strip 1M Reel - 3000K |
| **OV1871CW65** | 7.2W/M 8mm LED Strip 1M Reel - 4000K |
| **OV1871RGBWW65** | 7.2W/M 12mm LED Strip 1M Reel - RGB+3000K |
| **OV1871RGBCW65** | 7.2W/M 12mm LED Strip 1M Reel - RGB+4000K |

| CODE | DESCRIPTION |
|---|---|
| **OV1872WW65** | 7.2W/M 8mm LED Strip 2M Reel - 3000K |
| **OV1872CW65** | 7.2W/M 8mm LED Strip 2M Reel - 4000K |
| **OV1872RGBWW65** | 7.2W/M 12mm LED Strip 2M Reel - RGB+3000K |
| **OV1872RGBCW65** | 7.2W/M 12mm LED Strip 2M Reel - RGB+4000K |

| CODE | DESCRIPTION |
|---|---|
| **OV1875WW65** | 7.2W/M 8mm LED Strip 5M Reel - 3000K |
| **OV1875CW65** | 7.2W/M 8mm LED Strip 5M Reel - 4000K |
| **OV1875RGBWW65** | 7.2W/M 12mm LED Strip 5M Reel - RGB+3000K |
| **OV1875RGBCW65** | 7.2W/M 12mm LED Strip 5M Reel - RGB+4000K |

### PRODUCT INFO

| | | | | |
|---|---|---|---|---|
| Circuit Wattage (W) | 7.2 | | | |
| Beam Angle (°) | 120 | | | |
| CCT (K) | 3000 | 4000 | RGB+3000 | RGB+4000 |
| Lumens (lm) (1M) | 650 | 720 | 375 (White) | 395 (White) |
| Efficacy (lm/W) | 90 | 100 | 52 | 55 |
| Cut Lengths (mm) | Every 100 | Every 100 | Every 250 | Every 250 |

| | |
|---|---|
| LED Lifetime (Hrs) | 36000 |
| Voltage (DC) | 24 |
| CRI | >80 (White) |
| Operating Temp (°C) | -20 to +45 |
| IP Rating | IP65 |

Supplied with 100mm stripped end flylead

### PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-20 BS EN 62031 BS EN 62471 BS EN 62493 BS EN 55015

CE UKCA







## 7.2W IP65 LED Strip Accessories

WARRANTY 3 YEAR

| CODE | DESCRIPTION |
|---|---|
| **24V LED STRIP FLEXIBLE DRIVER STARTER LEADS - IP65** | |
| **OVSSL280565** | 0.5M Starter Lead - 7.2W/M 2 Pin 8mm IP65 |
| **OVSSL28165** | 1M Starter Lead - 7.2W/M 2 Pin 8mm IP65 |
| **OVSSL28265** | 2M Starter Lead - 7.2W/M 2 Pin 8mm IP65 |
| **OVSSL28565** | 5M Starter Lead - 7.2W/M 2 Pin 8mm IP65 |
| **OVSSL5120565** | 0.5M Starter Lead - 7.2W & 14.4W 5 Pin 12mm IP65 |
| **OVSSL512165** | 1M Starter Lead - 7.2W & 14.4W 5 Pin 12mm IP65 |
| **OVSSL512265** | 2M Starter Lead - 7.2W & 14.4W 5 Pin 12mm IP65 |
| **OVSSL512565** | 5M Starter Lead - 7.2W & 14.4W 5 Pin 12mm IP65 |

Supplied with heatshrink

| | |
|---|---|
| **24V LED STRIP FLEXIBLE JOINER LEADS - IP65** | |
| **OVSJL280165** | 100mm Joiner Lead - 7.2W/M 2 Pin 8mm IP65 |
| **OVSJL5120165** | 100mm Joiner Lead - 7.2W & 14.4W 5 Pin 12mm IP65 |

Supplied with heatshrink

| | |
|---|---|
| **24V LED STRIP JOINING CONNECTORS – IP65** | |
| **OVSJC2865** | 7.2W/M 2 Pin 8mm IP65 Joining Connector (5 Pack) |
| **OVSJC51265** | 7.2W & 14.4W 5 Pin 12mm IP65 Joining Connector (5 Pack) |

| | |
|---|---|
| **24V LED STRIP MOUNTING SUPPORT CLIPS - IP65** | |
| **OVSMC2865** | 7.2W/M 2 Pin 8mm IP65 Mounting Clips (5 Pack) |
| **OVSMC51265** | 7.2W & 14.4W 5 Pin 12mm IP65 Mounting Clips (5 Pack) |

| | |
|---|---|
| **24V LED STRIP SEALED END CAPS - IP65** | |
| **OVSEC2865** | 7.2W/M 2 Pin 8mm IP65 End Caps (5 Pack) |
| **OVSEC51265** | 7.2W & 14.4W 5 Pin 12mm IP65 End Caps (5 Pack) |

| | |
|---|---|
| **HEAT SHRINK SLEEVING FOR IP65 LED STRIP** | |
| **OVSHSC200** | 12mmØ x 200mm Clear (White LED strips) |
| **OVSHSC201** | 16mmØ x 200mm Clear (RGBW LED strips) |

| | |
|---|---|
| SILICONE SEALANT GEL | |
| OVSSGC | Transparent Silicone Sealant Gel (10g) |

### PRODUCT APPROVALS

BS EN 60598-1

UKCA CE

## 14.4W/M 24V IP65 LED Strip Reels

IP65 | WARRANTY 3 YEAR

WARM WHITE | COOL WHITE | RGBW

| CODE | DESCRIPTION |
|---|---|
| **OV181405WW65** | 14.4W/M 10mm LED Strip 0.5M Reel - 3000K |
| **OV181405CW65** | 14.4W/M 10mm LED Strip 0.5M Reel - 4000K |
| **OV181405RGBWW65** | 14.4W/M 12mm LED Strip 0.5M Reel - RGB+3000K |
| **OV181405RGBCW65** | 14.4W/M 12mm LED Strip 0.5M Reel - RGB+4000K |

| CODE | DESCRIPTION |
|---|---|
| **OV18141WW65** | 14.4W/M 10mm LED Strip 1M Reel - 3000K |
| **OV18141CW65** | 14.4W/M 10mm LED Strip 1M Reel - 4000K |
| **OV18141RGBWW65** | 14.4W/M 12mm LED Strip 1M Reel - RGB+3000K |
| **OV18141RGBCW65** | 14.4W/M 12mm LED Strip 1M Reel - RGB+4000K |

| CODE | DESCRIPTION |
|---|---|
| **OV18142WW65** | 14.4W/M 10mm LED Strip 2M Reel - 3000K |
| **OV18142CW65** | 14.4W/M 10mm LED Strip 2M Reel - 4000K |
| **OV18142RGBWW65** | 14.4W/M 12mm LED Strip 2M Reel - RGB+3000K |
| **OV18142RGBCW65** | 14.4W/M 12mm LED Strip 2M Reel - RGB+4000K |

| CODE | DESCRIPTION |
|---|---|
| **OV18145WW65** | 14.4W/M 10mm LED Strip 5M Reel - 3000K |
| **OV18145CW65** | 14.4W/M 10mm LED Strip 5M Reel - 4000K |
| **OV18145RGBWW65** | 14.4W/M 12mm LED Strip 5M Reel - RGB+3000K |
| **OV18145RGBCW65** | 14.4W/M 12mm LED Strip 5M Reel - RGB+4000K |

### PRODUCT INFO

| | | | | |
|---|---|---|---|---|
| Circuit Wattage (W) | 14.4 | | | |
| Beam Angle (°) | 120 | | | |
| CCT (K) | 3000 | 4000 | RGB+3000 | RGB+4000 |
| Lumens (lm) (1M) | 1250 | 1310 | 655 (White) | 690 (White) |
| Efficacy (lm/W) | 87 | 91 | 45 | 48 |
| Cut Lengths (mm) | Every 50 | Every 50 | Every 166.7 | Every 166.7 |

| | |
|---|---|
| LED Lifetime (Hrs) | 36000 |
| Voltage (DC) | 24 |
| CRI | >80 (White) |
| Operating Temp (°C) | -20 to +45 |
| IP Rating | IP65 |

Supplied with 100mm stripped end flylead

### PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-20 BS EN 62031 BS EN 62471 BS EN 62493 BS EN 55015

CE UKCA







## 14.4W IP65 LED Strip Accessories

WARRANTY 3 YEAR

| CODE | DESCRIPTION |
|---|---|
| **24V LED STRIP FLEXIBLE DRIVER STARTER LEADS - IP65** | |
| **OVSSL2100565** | 0.5M Starter Lead - 14.4W/M 2 Pin 10mm IP65 |
| **OVSSL210165** | 1M Starter Lead - 14.4W/M 2 Pin 10mm IP65 |
| **OVSSL210265** | 2M Starter Lead - 14.4W/M 2 Pin 10mm IP65 |
| **OVSSL210565** | 5M Starter Lead - 14.4W/M 2 Pin 10mm IP65 |
| **OVSSL5120565** | 0.5M Starter Lead - 7.2W & 14.4W 5 Pin 12mm IP65 |
| **OVSSL512165** | 1M Starter Lead - 7.2W & 14.4W 5 Pin 12mm IP65 |
| **OVSSL512265** | 2M Starter Lead - 7.2W & 14.4W 5 Pin 12mm IP65 |
| **OVSSL512565** | 5M Starter Lead - 7.2W & 14.4W 5 Pin 12mm IP65 |
| Supplied with heatshrink | |
| **24V LED STRIP FLEXIBLE JOINER LEADS - IP65** | |
| **OVSJL2100165** | 100mm Joiner Lead - 14.4W/M 2 Pin 10mm IP65 |
| **OVSJL5120165** | 100mm Joiner Lead - 7.2W & 14.4W 5 Pin 12mm IP65 |
| Supplied with heatshrink | |
| **24V LED STRIP JOINING CONNECTORS – IP65** | |
| **OVSJC21065** | 14.4W/M 2 Pin 10mm IP65 Joining Connector (5 Pack) |
| **OVSJC51265** | 7.2W & 14.4W 5 Pin 12mm IP65 Joining Connector (5 Pack) |
| **24V LED STRIP MOUNTING SUPPORT CLIPS - IP65** | |
| **OVSMC21065** | 14.4W/M 2 Pin 10mm IP65 Mounting Clips (5 Pack) |
| **OVSMC51265** | 7.2W & 14.4W 5 Pin 12mm IP65 Mounting Clips (5 Pack) |
| **24V LED STRIP SEALED END CAPS - IP65** | |
| **OVSEC21065** | 14.4W/M 2 Pin 10mm IP65 End Caps (5 Pack) |
| **OVSEC51265** | 7.2W & 14.4W 5 Pin 12mm IP65 End Caps (5 Pack) |
| **HEAT SHRINK SLEEVING FOR IP65 LED STRIP** | |
| **OVSHSC200** | 12mmØ x 200mm Clear (White LED strips) |
| **OVSHSC201** | 16mmØ x 200mm Clear (RGBW LED strips) |
| SILICONE SEALANT GEL | |
| OVSSGC | Transparent Silicone Sealant Gel (10g) |

### PRODUCT APPROVALS

BS EN 60598-1

UKCA CE

## LED Strip Controllers

IP20

WARRANTY 3 YEAR

| CODE | DESCRIPTION |
|---|---|
| OVRGBWC | Handheld RGBW Remote Controller |

- Colour change and dim control
- Cycle preset colours automatically
- 15 preprogrammed modes
- Wireless range of 50 metres (open air)
- One remote can control endless receivers (within range)

| PRODUCT INFO | |
|---|---|
| Total Output | 10A (6A per channel) |
| Voltage (V DC) | 12-24 |
| Operating Temp (°C) | -20 to +60 |

Supplied with RGBW Receiver

| CODE | DESCRIPTION |
|---|---|
| OVRGBWDP | Touch Screen RGBW Panel Controller |

- Colour change and dim control
- Cycle preset colours automatically
- 5 preprogrammed static modes
- 8 preprogrammed dynamic modes

| PRODUCT INFO | |
|---|---|
| Total Output | 10A (5A per channel) |
| Voltage (AC) | 12 - 24 |
| Operating Temp (°C) | -20 to +60 |

| CODE | DESCRIPTION |
|---|---|
| OVCGAMPF | 12-24V 4 Channel Performance Amplifier |

- Suitable for both white and RGBW LED strips
- Extends the control of additional LED strips added
- Additional LED driver will be required at each amplifier when extending the LED strip run.

| PRODUCT INFO | |
|---|---|
| Total Output | 15A (6A per channel) |
| Voltage (AC) | 12 - 24 |
| Operating Temp (°C) | -20 to +60 |

Suitable for single colour and RGBW LED strip









## Aluminium Profiles

AVAILABLE FINISHES

ALUMINIUM

WARRANTY 3 YEAR

IP20

| CODE | DESCRIPTION |
|---|---|
| **OVSCE001** | 2M Corner Surface Mounted – IP20 – Clear Diffuser |
| **OVSCE002** | 2M Corner Surface Mounted – IP20 – Opal Diffuser |

**Suitable for IP20 8mm (7.2W/M), 10mm (14.4W/M), 12mm (RGBW) LED Tapes**
**2 x End Caps, 4 x Mounting Clips, 4 x Mounting Fixing Screws Supplied**

| CODE | DESCRIPTION |
|---|---|
| **OVSRE001** | 2M Recessed – IP20 – Clear Diffuser |
| **OVSRE002** | 2M Recessed – IP20 – Opal Diffuser |
| **OVSRE003** | 2M Narrow Recessed – IP20 – Clear Diffuser |
| **OVSRE004** | 2M Narrow Recessed – IP20 – Opal Diffuser |

**Suitable for IP20 8mm (7.2W/M), 10mm (14.4W/M), 12mm (RGBW) LED Tapes**
**2 x End Caps, 4 x Mounting Clips, 4 x Mounting Fixing Screws Supplied**

| | |
|---|---|
| **OVSRE005** | 2M Recessed Mounted For IP65 LED Strip – Clear Diffuser |
| **OVSRE006** | 2M Recessed Mounted For IP65 LED Strip – Opal Diffuser |

**Suitable for IP65 8mm (7.2W/M) LED Tape**
**2 x End Caps, 4 x Mounting Clips, 4 x Mounting Fixing Screws Supplied**

| CODE | DESCRIPTION |
|---|---|
| **OVSSE001** | 2M Surface Mounted – IP20 – Clear Diffuser |
| **OVSSE002** | 2M Surface Mounted – IP20 – Opal Diffuser |
| **OVSSE003** | 2M Narrow Surface Mounted – IP20 – Clear Diffuser |
| **OVSSE004** | 2M Narrow Surface Mounted – IP20 – Opal Diffuser |

**Suitable for IP20 8mm (7.2W/M), 10mm (14.4W/M), 12mm (RGBW) LED Tapes**
**2 x End Caps, 4 x Mounting Clips, 4 x Mounting Fixing Screws Supplied**

## Constant Voltage (AC) LED Drivers

**15M LENGTH**
**on 250W version when using 14.4W/M LED Strip**

### CONSTANT VOLTAGE LED DRIVERS - IP20, NON DIMMABLE

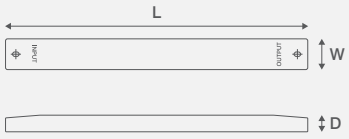
IP20

| CODE | DESCRIPTION |
|---|---|
| **OVCG24V30IP20L** | 30W 24V Constant Voltage LED Driver – Linear |
| **OVCG24V60IP20L** | 60W 24V Constant Voltage LED Driver – Linear |
| **OVCG24V90IP20L** | 90W 24V Constant Voltage LED Driver – Linear |
| **OVCG24V250L** | 250W 24V Constant Voltage LED Driver – Linear |

### CONSTANT VOLTAGE DIMMABLE LED DRIVERS - IP20

IP20

| CODE | DESCRIPTION |
|---|---|
| OCG2475L-T | 75W 24V Triac Dimmable LED Driver – Linear |
| **OCG24150L-T** | 150W 24V Triac Dimmable LED Driver – Linear |




**LINEAR - DIMENSIONS (L / W / D))**
30W & 60W = 300mm x 30mm x 16mm
90W = 350mm x 30mm x 18mm
250W = 400mm x 40mm x 22.5mm
75W = 300mm x 42mm x 30mm
150W = 361mm x 42mm x 30mm

PRODUCT INFO

| | |
|---|---|
| Finish | White |
| Voltage (AC) | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°C) | -25 to +45 |

Screw Terminals & Covers

PRODUCT APPROVALS

BS EN 61347-1 BS EN 61347-2-13 BS EN 55015 BS EN 61547 BS EN 61000-3-2 BS EN 61000-3-3 BS EN 62493







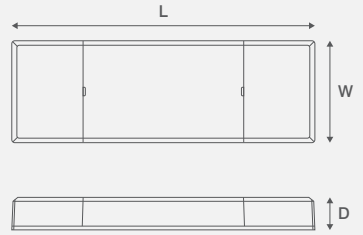
## Constant Voltage LED Drivers - IP20, Non Dimmable

IP20

PRODUCT INFO

| | |
|---|---|
| Finish | White |
| Voltage (AC) | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°C) | -25 to +45 |

| CODE | DESCRIPTION |
|---|---|
| **OVCG24V30IP20** | 30W 24V Constant Voltage LED Driver – Compact |
| **OVCG24V60IP20** | 60W 24V Constant Voltage LED Driver – Compact |
| **OVCG24V90IP20** | 90W 24V Constant Voltage LED Driver – Compact |
| **OVCG24V120IP20** | 120W 24V Constant Voltage LED Driver – Compact |




**COMPACT - DIMENSIONS (L / W / D))**
30W & 60W = 170mm x 57mm x 18mm
90W & 120W = 190mm x 65mm x 22mm

PRODUCT APPROVALS

BS EN 61347-1 BS EN 61347-2-13 BS EN 55015 BS EN 61547 BS EN 61000-3-2 BS EN 61000-3-3 BS EN 62493

## Constant Voltage LED Drivers - IP67, Non Dimmable

IP67

| CODE | DESCRIPTION |
|---|---|
| **OVCG24V100IP67** | 100W 24V Constant Voltage LED Driver – IP67 - Compact |
| **OVCG24V150IP67** | 150W 24V Constant Voltage LED Driver – IP67 - Compact |
| **OVCG24V200IP67** | 200W 24V Constant Voltage LED Driver – IP67 - Compact |

PRODUCT INFO

| | |
|---|---|
| Finish | Aluminium |
| Voltage (AC) | 100-277 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°C) | -25 to +50 |

**DIMENSIONS (L)**
100W = 201mm
150W = 216mm
200W = 240.8mm

Pre-wired Input & Output Cables

PRODUCT APPROVALS

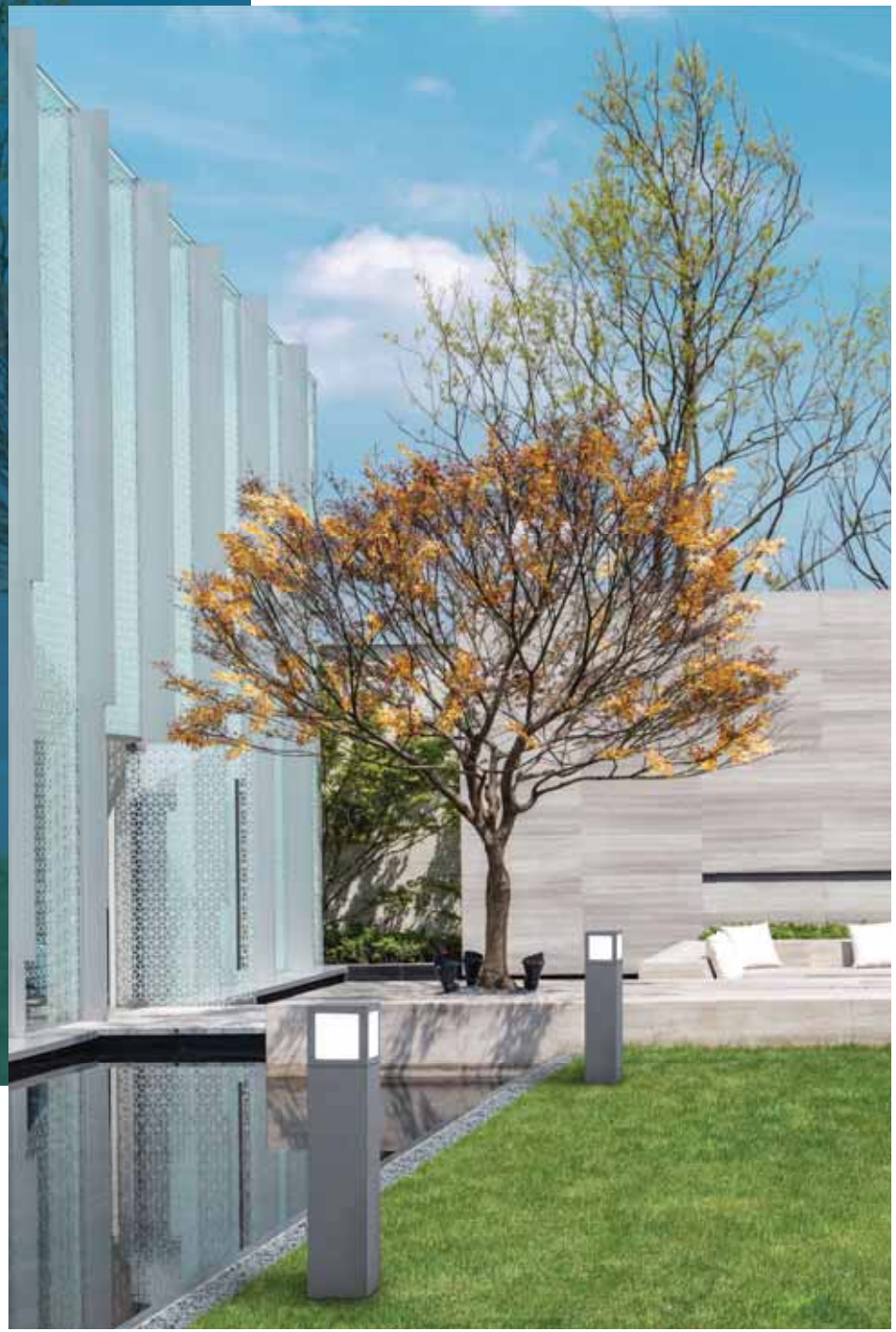
BS EN 61347-1 BS EN 61347-2-13 BS EN 55015 BS EN 61547 BS EN 61000-3-2 BS EN 61000-3-3 BS EN 62493

CE UKCA

# AMENITY LIGHTING

# AMENITY LIGHTING

Safety and security were the main consideration for the creation of the Amenity range of lighting products with an emphasis on the aesthetics of the product portfolio. The range covers many applications, ranging from LED star lights through to external bollards and wall lights.



## Contents


Wall Light ..... **109**

Ground ..... **121**

Internal ..... **129**

# AMENITY

## Wall Lights

A selection of our new wall lights are available in standard and PIR versions for automatic activation.

## Ground Lights

A large selection of bollards to suit any application and the addition of a new spike light, ideal for adding ambience to your outdoor space.





11W IP65 Up & Down LED Wall Fittings

AVAILABLE FINISHES

GREY

50000 LIFETIME | 60 (Top & Bottom) BEAM ANGLE | WARRANTY 3 YEAR | IP65

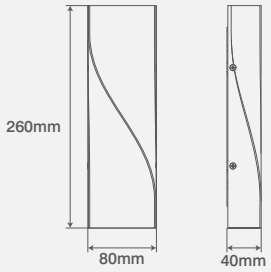
COLOUR TEMPERATURE

WARM WHITE | COOL WHITE

PRODUCT INFO

| | | |
|---|---|---|
| CCT (K) | 3000 | 4000 |
| Lumens (Lm) | 2 x 350lm | |
| Efficacy (Lm/W) | 63 | |
| Wattage (W) | 2 x 5.5 (11) | |
| CRI | >80 | |
| Beam Angle (°) | 60 (Top & Bottom) | |
| LED Lifetime (Hrs) | 50000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50/60 | |
| Dimmable | No | |
| Operating Temp (°C) | -20 to +50 | |

| CODE | DESCRIPTION |
|---|---|
| OV2002W11GY | 11W Up & Down LED Wall Fitting - IP65 - 3000K - Grey |
| OV2002C11GY | 11W Up & Down LED Wall Fitting - IP65 - 4000K - Grey |




PRODUCT APPROVALS

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2 & BS EN 61000-3-3

UK CA | CE

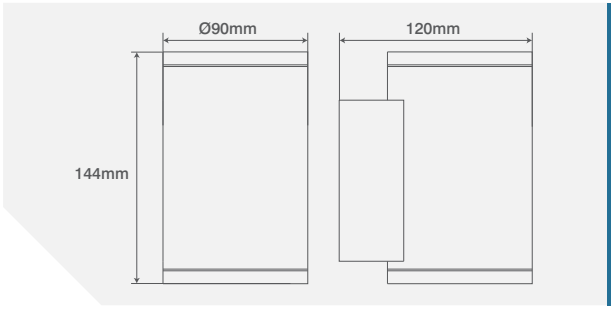
## 6W IP54 Cylindrical Up or Down LED Wall Fittings

IP54 | WARRANTY 3 YEAR | 60 BEAM ANGLE | 50000 LIFETIME

AVAILABLE FINISHES: GREY, BLACK

COLOUR TEMPERATURE: WARM WHITE, COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OV2028W6BK | 6W Up or Down LED Wall Fitting - IP54 - 3000K - Black |
| OV2028C6BK | 6W Up or Down LED Wall Fitting - IP54 - 4000K - Black |
| OV2028W6GY | 6W Up or Down LED Wall Fitting - IP54 - 4000K - Grey |
| OV2028C6GY | 6W Up or Down LED Wall Fitting - IP54 - 3000K - Grey |




| PRODUCT INFO | | |
|---|---|---|
| CCT (K) | 3000 | 4000 |
| Lumens (Lm) | 515 | |
| Efficacy (Lm/W) | 86 | |
| Wattage (W) | 6 | |
| CRI | >80 | |
| Beam Angle (°) | 60 | |
| LED Lifetime (Hrs) | 50000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50/60 | |
| Dimmable | No | |
| Operating Temp (°C) | -20 to +40 | |

PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-2; BS EN 55015; BS EN 62471; BS EN 62493; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547

CE | UKCA









## 12W IP54 Cylindrical Up & Down LED Wall Fittings

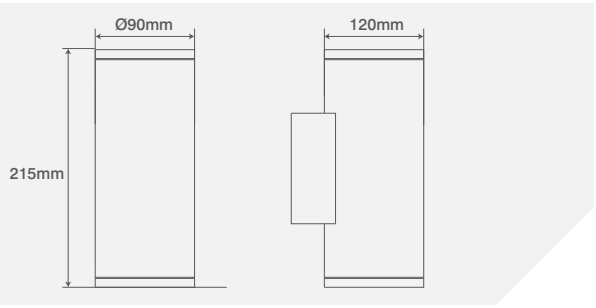
AVAILABLE FINISHES: BLACK, GREY

50000 LIFETIME | 60 (Top & Bottom) BEAM ANGLE | WARRANTY 3 YEAR | IP54

COLOUR TEMPERATURE: WARM WHITE, COOL WHITE

| PRODUCT INFO | | |
|---|---|---|
| CCT (K) | 4000 | 3000 |
| Lumens (Lm) | 2 x 436 (872) | |
| Efficacy (Lm/W) | 73 | |
| Wattage (W) | 2 x 6 (12) | |
| CRI | >80 | |
| Beam Angle (°) | 60 (Top & Bottom) | |
| LED Lifetime (Hrs) | 50000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50/60 | |
| Dimmable | No | |
| Operating Temp (°C) | -20 to +40 | |

| CODE | DESCRIPTION |
|---|---|
| OV2022W6BK | 12W Up & Down LED Wall Fitting - IP54 - 4000K - Black |
| OV2022C6BK | 12W Up & Down LED Wall Fitting - IP54 - 3000K - Black |
| OV2022W6GY | 12W Up & Down LED Wall Fitting - IP54 - 4000K - Grey |
| OV2022C6GY | 12W Up & Down LED Wall Fitting - IP54 - 3000K - Grey |




PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-2; BS EN 55015; BS EN 62471; BS EN 62493; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547

UKCA | CE

## IP54 Boxed Wall Fittings - 15W Max. E27

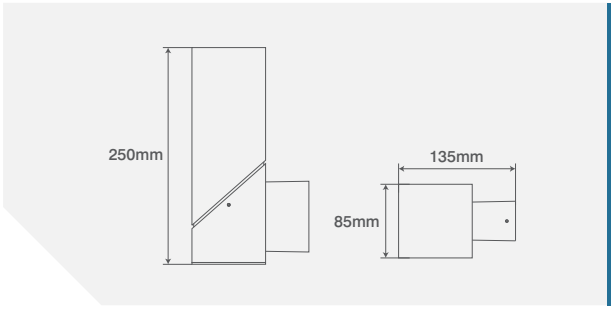
IP54 | WARRANTY 3 YEAR | LAMP TYPE E27 NOT SUPPLIED

AVAILABLE FINISHES

GREY

| CODE | DESCRIPTION |
|---|---|
| OV205127GY | E27 Boxed Wall Fitting - Grey |

| PRODUCT INFO | |
|---|---|
| Wattage (W) | 15 |
| Voltage (AC) | 220-240 |
| Lampholder Type | E27 / ES |
| Lamp Quantity | 1 |




With clear lens

PRODUCT APPROVALS

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2 & BS EN 61000-3-3







## IP44 Boxed Wall Fittings With PIR - 15W Max. E27

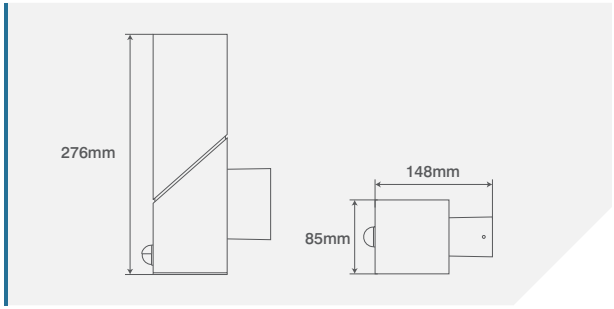
AVAILABLE FINISHES

GREY

LAMP TYPE E27 NOT SUPPLIED | PIR | WARRANTY 3 YEAR | IP44

| PRODUCT INFO | |
|---|---|
| Wattage (W) | 15 |
| Voltage (AC) | 220-240 |
| Dimmable | No |
| Lampholder Type | E27 / ES |
| Lamp Quantity | 1 |
| Installation Height (M) | 1.5 - 2 |
| Detection Angle (°) | 110 |
| Detection Distance (M) | 10 |
| Time Delay | 10 Secs to 5 Mins |
| Lux Level | 2 to 2000 |

| CODE | DESCRIPTION |
|---|---|
| OV205127GYPIR | E27 Boxed Wall Fitting With PIR - Grey |




PRODUCT APPROVALS

With clear lens | PIR offers override facility

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2 & BS EN 61000-3-3

## 7W IP54 Boxed LED Wall Fittings

IP54 | WARRANTY 3 YEAR | 150 BEAM ANGLE | 50000 LIFETIME

AVAILABLE FINISHES

GREY

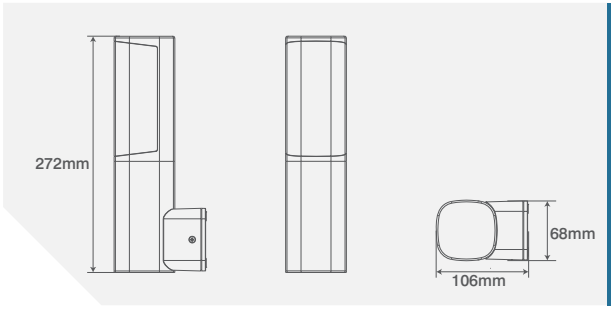
COLOUR TEMPERATURE

WARM WHITE | COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OV2053W7GY | 7W Boxed LED Wall Fitting With Opal Lens - IP54 - 3000K - Grey |
| OV2053C7GY | 7W Boxed LED Wall Fitting With Opal Lens - IP54 - 4000K - Grey |

PRODUCT INFO

| CCT (K) | 3000 | 4000 |
|---|---|---|
| Lumens (Lm) | 360 | |
| Efficacy (Lm/W) | 51 | |
| Wattage (W) | 7 | |
| CRI | >80 | |
| Beam Angle (°) | 150 | |
| LED Lifetime (Hrs) | 50000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50/60 | |
| Dimmable | No | |
| Operating Temp (°C) | -20 to +50 | |




With opal lens

PRODUCT APPROVALS

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2; BS EN 61000-3-3

CE | UKCA







## 7W IP44 Boxed LED Wall Fittings With PIR

AVAILABLE FINISHES

GREY

50000 LIFETIME | 150 BEAM ANGLE | WARRANTY 3 YEAR | IP44

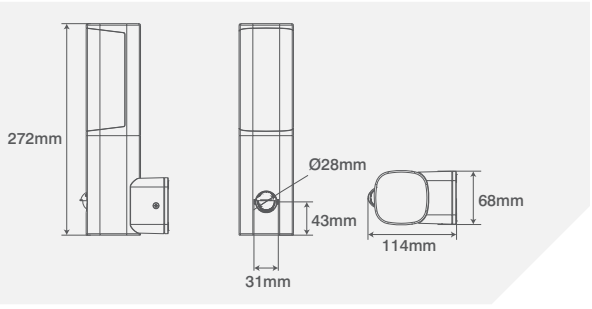
COLOUR TEMPERATURE

WARM WHITE | COOL WHITE

PRODUCT INFO

| CCT (K) | 3000 | 4000 |
|---|---|---|
| Lumens (Lm) | 370 | |
| Efficacy (Lm/W) | 53 | |
| Wattage (W) | 7 | |
| CRI | >80 | |
| Beam Angle (°) | 150 | |
| LED Lifetime (Hrs) | 50000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50/60 | |
| Dimmable | No | |
| Operating Temp (°C) | -20 to +50 | |
| Installation Height (M) | 1.5 - 2 | |
| Detection Angle (°) | 110 | |
| Detection Distance (M) | 10 | |
| Time Delay | 10 Secs to 5 Mins | |
| Lux Level | 2 to 2000 | |

| CODE | DESCRIPTION |
|---|---|
| OV2053W7GYPIR | 7W Boxed LED Wall Fitting With Opal Lens & PIR - IP44 - 3000K - Grey |
| OV2053C7GYPIR | 7W Boxed LED Wall Fitting With Opal Lens & PIR - IP44 - 4000K - Grey |




PRODUCT APPROVALS

With opal lens |

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2; BS EN 61000-3-3

UKCA | CE

## IP54 Circular Wall Lantern - E27 15W Max.

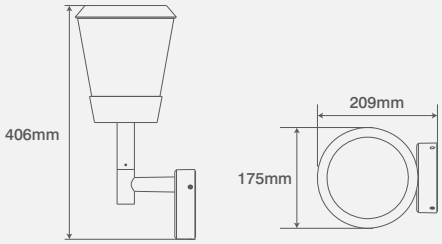
IP54 | WARRANTY 3 YEAR | LAMP TYPE E27 NOT SUPPLIED

AVAILABLE FINISHES

GREY

| CODE | DESCRIPTION |
|---|---|
| OV209127GY | E27 Circular Wall Lantern - Grey |

| PRODUCT INFO | |
|---|---|
| Wattage (W) | 15 |
| Voltage (AC) | 220-240 |
| Lampholder Type | E27 / ES |
| Lamp Quantity | 1 |




With clear lens

PRODUCT APPROVALS

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2 & BS EN 61000-3-3







## IP44 Circular Wall Lantern With PIR - E27 15W Max.

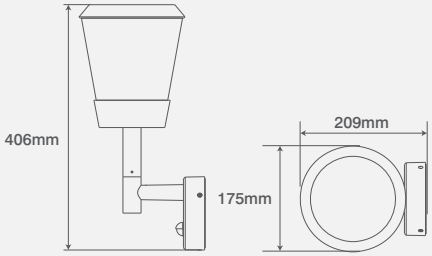
AVAILABLE FINISHES

GREY

LAMP TYPE E27 NOT SUPPLIED | PIR | WARRANTY 3 YEAR | IP44

| PRODUCT INFO | |
|---|---|
| Wattage (W) | 15 |
| Voltage (AC) | 220-240 |
| Dimmable | No |
| Lampholder Type | E27 / ES |
| Lamp Quantity | 1 |
| Installation Height (M) | 1.5 - 2 |
| Detection Angle (°) | 110 |
| Detection Distance (M) | 10 |
| Time Delay | 10 Secs to 5 Mins |
| Lux Level | 2 to 2000 |

| CODE | DESCRIPTION |
|---|---|
| OV209127GYPIR | E27 Circular Wall Lantern With PIR - Grey |




PRODUCT APPROVALS

With clear lens

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2 & BS EN 61000-3-3

## 7W IP54 Square Up & Down LED Wall Fittings

IP54 | WARRANTY 3 YEAR | 30 (Top & Bottom) BEAM ANGLE | 50000 LIFETIME

AVAILABLE FINISHES

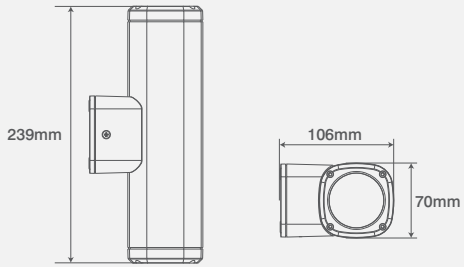
GREY

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OV2012W7GY | 7W Square Up & Down LED Wall Fitting - IP54 - 3000K - Grey |
| OV2012C7GY | 7W Square Up & Down LED Wall Fitting - IP54 - 4000K - Grey |

| PRODUCT INFO | | |
|---|---|---|
| CCT (K) | 3000 | 4000 |
| Lumens (Lm) | 2 x 300lm | |
| Efficacy (Lm/W) | 85 | |
| Wattage (W) | 2 x 3.5 (7) | |
| CRI | >80 | |
| Beam Angle (°) | 30 (Top & Bottom) | |
| LED Lifetime (Hrs) | 50000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50/60 | |
| Dimmable | No | |
| Operating Temp (°C) | -20 to +50 | |




PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-2; BS EN 55015; BS EN 62471; BS EN 62493; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547





## 10W IP54 Rectangular LED Backlit Wall Fittings

AVAILABLE FINISHES

GREY

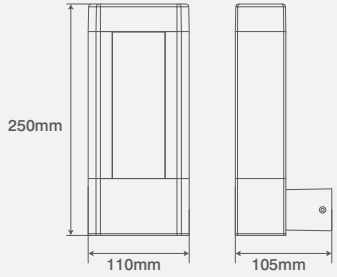
50000 LIFETIME | 120 BEAM ANGLE | WARRANTY 3 YEAR | IP54

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE

| PRODUCT INFO | | |
|---|---|---|
| CCT (K) | 3000 | 4000 |
| Lumens (Lm) | 620 | |
| Efficacy (Lm/W) | 62 | |
| Wattage (W) | 10 | |
| CRI | >80 | |
| Beam Angle (°) | 120 | |
| LED Lifetime (Hrs) | 50000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50/60 | |
| Dimmable | No | |
| Operating Temp (°C) | -20 to +50 | |

| CODE | DESCRIPTION |
|---|---|
| OV2156W10GY | 10W Rectangular LED Wall Fitting - IP54 - 3000K - Grey |
| OV2156C10GY | 10W Rectangular LED Wall Fitting - IP54 - 4000K - Grey |




PRODUCT APPROVALS

Backlit luminaire with opal lens

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2 & BS EN 61000-3-3

# WALL LIGHT | **DURUS**

## 3W IP54 LED ‘Up or Downlight’ - 3000K

IP54

WARRANTY 1 YEAR

AVAILABLE FINISHES

ANTHRACITE GREY

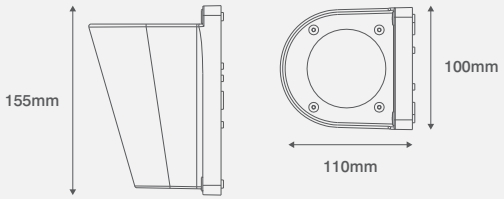
COLOUR TEMPERATURE

WARM WHITE

| CODE | DESCRIPTION |
|---|---|
| OV502WWAG | Wall Fitting - Anthracite Grey |

PRODUCT INFO

| | |
|---|---|
| Circuit Wattage (W) | 3 |
| CCT (K) | 3000 |
| Voltage (AC) | 220-240 |
| Frequency (Hz) | 50/60 |
| Dimmable | No |




PRODUCT APPROVALS

BS EN 60598-1; BS EN IEC 60598-2-1



# **SPEAR** | GROUND

## 7W IP65 LED Spike Fittings - IP65

AVAILABLE FINISHES

GREY

50000 LIFETIME

24 BEAM ANGLE

WARRANTY 3 YEAR

IP65

COLOUR TEMPERATURE

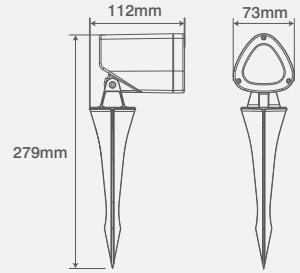
WARM WHITE

COOL WHITE

PRODUCT INFO

| | 3000 | 4000 |
|---|---|---|
| CCT (K) | | |
| Lumens (Lm) | 630 | |
| Efficacy (Lm/W) | 90 | |
| Wattage (W) | 7 | |
| CRI | >80 | |
| Beam Angle (°) | 24 | |
| LED Lifetime (Hrs) | 50000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50/60 | |
| Dimmable | No | |
| Operating Temp (°C) | -20 to +50 | |

| CODE | DESCRIPTION |
|---|---|
| OV2811W7GY | 7W LED Spike Fitting - IP65 - 3000K - Grey |
| OV2811C7GY | 7W LED Spike Fitting - IP65 - 4000K - Grey |




PRODUCT APPROVALS

Prewired with 1 metre flylead

BS EN 60598-1; BS EN 60598-2-2; BS EN 55015; BS EN 62471; BS EN 62493; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547

## 7W IP54 Triangular Mini LED Bollard

IP54 | 352 BEAM ANGLE | 50000 LIFETIME

AVAILABLE FINISHES

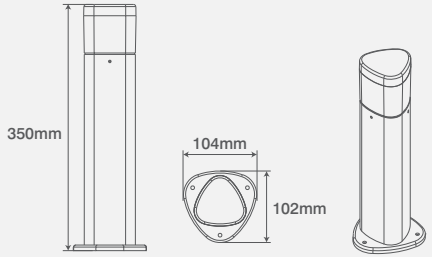
GREY

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OV2713W7GY | 7W Triangular Mini LED Bollard - IP54 - 3000K - Grey |
| OV2713C7GY | 7W Triangular Mini LED Bollard - IP54 - 4000K - Grey |

| PRODUCT INFO | | |
|---|---|---|
| CCT (K) | 3000 | 4000 |
| Lumens (Lm) | 600 | |
| Efficacy (Lm/W) | 86 | |
| Wattage (W) | 7 | |
| CRI | >80 | |
| Beam Angle (°) | 352 | |
| LED Lifetime (Hrs) | 50000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50/60 | |
| Dimmable | No | |
| Operating Temp (°C) | -20 to +50 | |




PRODUCT APPROVALS

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 55015; BS EN 61547; BS EN 61000-3-2; BS EN 61000-3-3





## 7W IP54 Triangular Maxi LED Bollard

AVAILABLE FINISHES

GREY

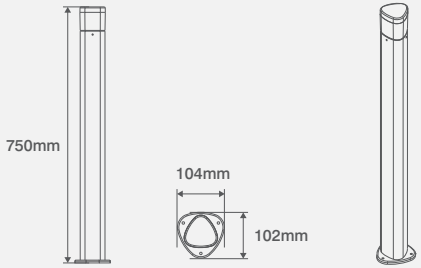
50000 LIFETIME | 352 BEAM ANGLE | IP54

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE

| PRODUCT INFO | | |
|---|---|---|
| CCT (K) | 3000 | 4000 |
| Lumens (Lm) | 600 | |
| Efficacy (Lm/W) | 86 | |
| Wattage (W) | 7 | |
| CRI | >80 | |
| Beam Angle (°) | 352 | |
| LED Lifetime (Hrs) | 50000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50/60 | |
| Dimmable | No | |
| Operating Temp (°C) | -20 to +50 | |

| CODE | DESCRIPTION |
|---|---|
| OV2714W7GY | 7W Triangular Maxi LED Bollard - IP54 - 3000K - Grey |
| OV2714C7GY | 7W Triangular Maxi LED Bollard - IP54 - 4000K - Grey |




PRODUCT APPROVALS

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 55015; BS EN 61547; BS EN 61000-3-2; BS EN 61000-3-3

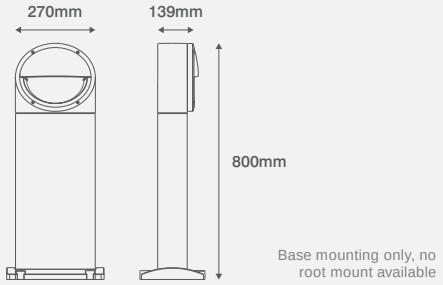
## IP54 Holborn Bollard Single Sided - E27 20W Max.

IP54 | WARRANTY 1 YEAR | LAMP TYPE E27 NOT SUPPLIED

AVAILABLE FINISHES

GREY

| CODE | DESCRIPTION |
|---|---|
| OVOL650GY | Single Sided - Grey |




| PRODUCT INFO | |
|---|---|
| Wattage (W) | 20 |
| Voltage (AC) | 220-240 |
| Lampholder Type | E27 / ES |
| Lamp Quantity | 1 |

Prewired with 1 metre flylead

PRODUCT APPROVALS

BS EN 60598-1; BS EN IEC 60598-2-1

CE UKCA







## IP54 Holborn Bollard Double Sided - E27 20W Max.

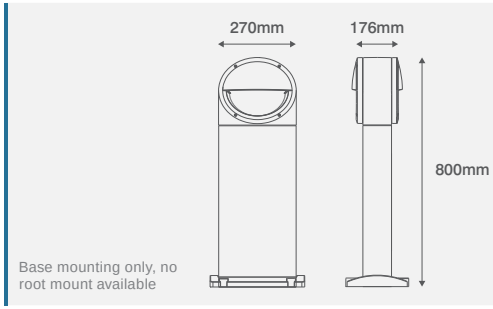
AVAILABLE FINISHES

BLACK GREY

LAMP TYPE E27 NOT SUPPLIED | WARRANTY 1 YEAR | IP54

| PRODUCT INFO | |
|---|---|
| Wattage (W) | 20 |
| Voltage (AC) | 220-240 |
| Lampholder Type | E27 / ES |
| Lamp Quantity | 1 |

| CODE | DESCRIPTION |
|---|---|
| OVOL655BK | Double Sided - Black |
| OVOL655GY | Double Sided - Grey |




PRODUCT APPROVALS

Prewired with 1 metre flylead

BS EN 60598-1; BS EN IEC 60598-2-1

UKCA CE

## IP54 Trinity Bollard - E27 11W Max.

IP54

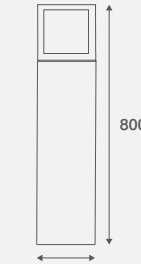
WARRANTY 1 YEAR

LAMP TYPE E27 NOT SUPPLIED

AVAILABLE FINISHES

GREY

| CODE | DESCRIPTION |
|---|---|
| OVOL640GY | E27 Opal Framed - Grey |



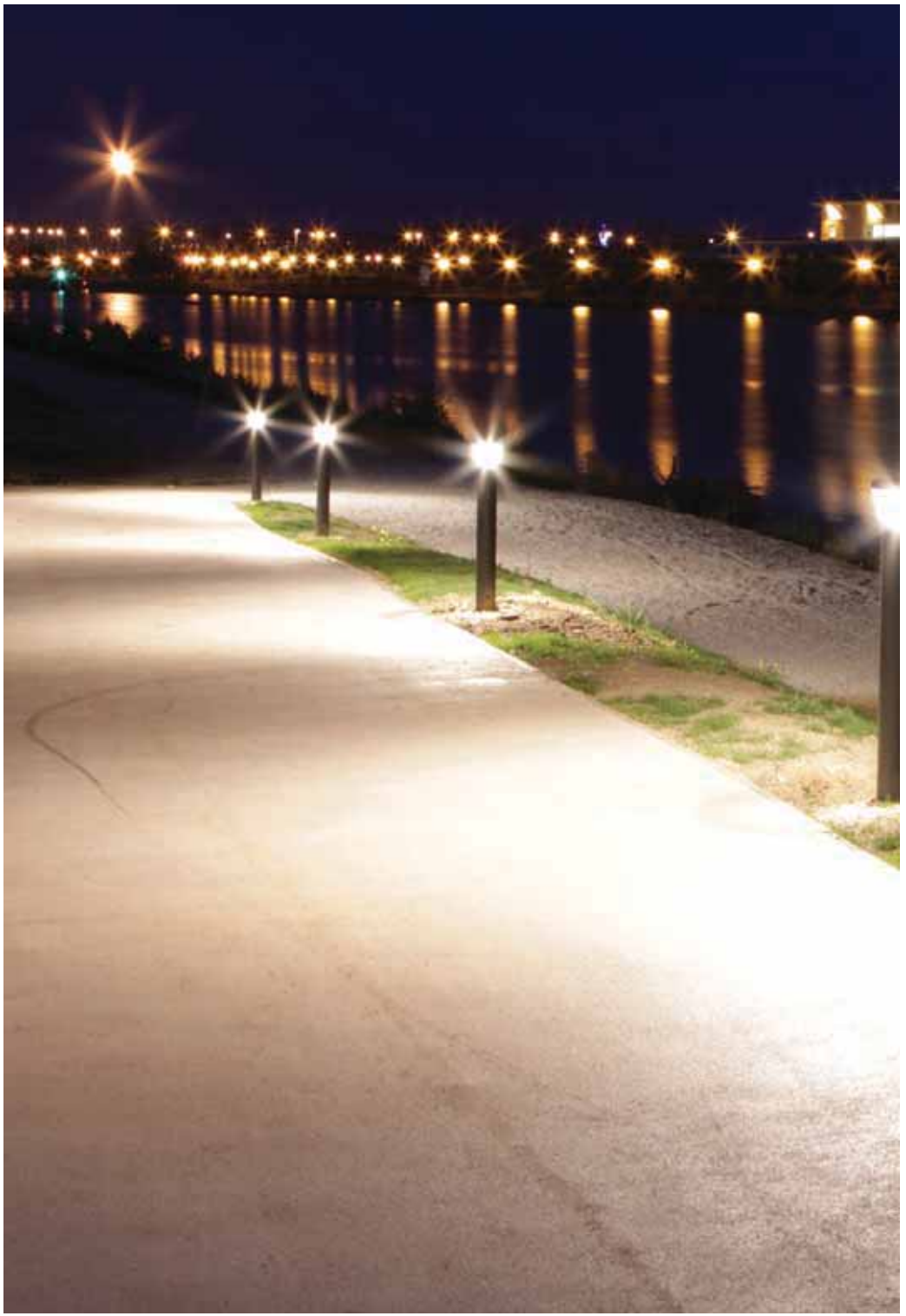

Base mounting only, no root mount available

| PRODUCT INFO | |
|---|---|
| Wattage (W) | 11 |
| Voltage (AC) | 220-240 |
| Lampholder Type | E27 / ES |
| Lamp Quantity | 1 |

Prewired with 1 metre flylead

PRODUCT APPROVALS

BS EN 60598-1; BS EN IEC 60598-2-1



# GROUND | NEO

## IP65 Neo Bollard - 13W Max. GX53

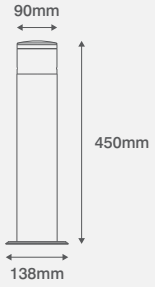
IP65 | WARRANTY 1 YEAR | LAMP TYPE GX53 NOT SUPPLIED

AVAILABLE FINISHES

GREY

| CODE | DESCRIPTION |
|---|---|
| OVOL200GY | GX53 Reflector Bollard - Grey |

| PRODUCT INFO | |
|---|---|
| Wattage (W) | 13 |
| Voltage (AC) | 220-240 |
| Lamp Holder Type | GX53 |
| Lamp Quantity | 1 |




Base mounting only, no root mount available

Prewired with 550mm flylead

PRODUCT APPROVALS

BS EN 60598-1; BS EN IEC 60598-2-1



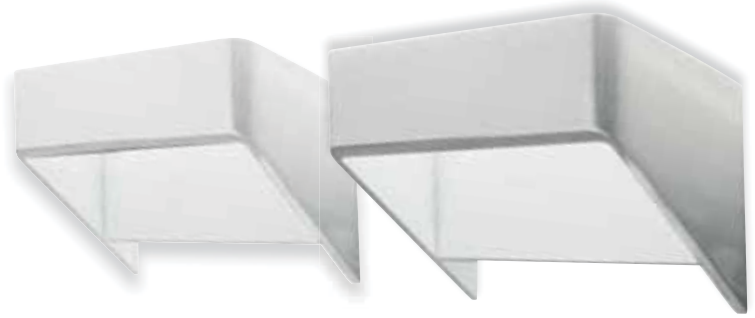
# ADORNA | WALL LIGHT

## 5W LED Wall Fittings - 4000K

AVAILABLE FINISHES

WHITE ALUMINIUM

WARRANTY 1 YEAR | IP20

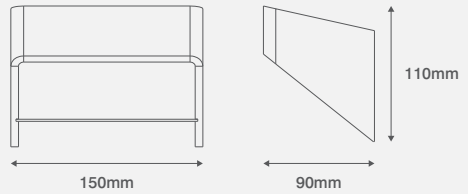


COLOUR TEMPERATURE

COOL WHITE

| PRODUCT INFO | |
|---|---|
| Circuit Wattage (W) | 5 |
| CCT (K) | 4000 |
| Voltage (AC) | 220-240 |
| Frequency (Hz) | 50/60 |
| Dimmable | No |

| CODE | DESCRIPTION |
|---|---|
| OV310CWWH | Wall Light - White |
| OV310CWAL | Wall Light - Aluminium |




PRODUCT APPROVALS

BS EN 60598-1; BS EN IEC 60598-2-1

## 0.8W 12V IP44 LED Plastic Starlight

IP44

WARRANTY 1 YEAR

AVAILABLE FINISHES

WHITE | SATIN CHROME | CHROME

COLOUR TEMPERATURE

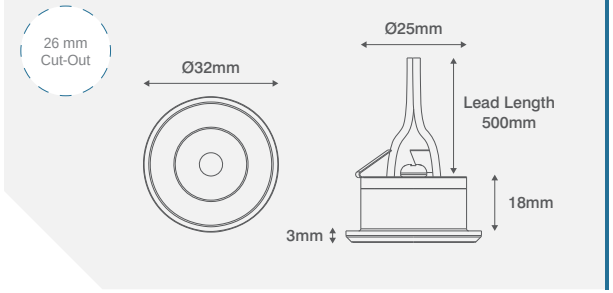
DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV204DLWH | Recessed Plastic Starlight - White |
| OV204DLCH | Recessed Plastic Starlight - Chrome |
| OV204DLSC | Recessed Plastic Starlight - Satin Chrome |

| PRODUCT INFO | |
|---|---|
| Circuit Wattage (W) | 0.8 |
| CCT (K) | 6000 |
| Lumens (Lm) | 80 |
| Voltage (AC) | 12 |
| Lens Type | Clear |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVTR301 | 0.5-15Va 12V DC LED Driver (Non-dimmable) | See page 132 |




Prewired with 0.5 metre flylead

PRODUCT APPROVALS

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547





## 1.6W 12V IP44 LED Cast Starlight

AVAILABLE FINISHES

CHROME | SATIN CHROME | WHITE

WARRANTY 1 YEAR

IP44

COLOUR TEMPERATURE

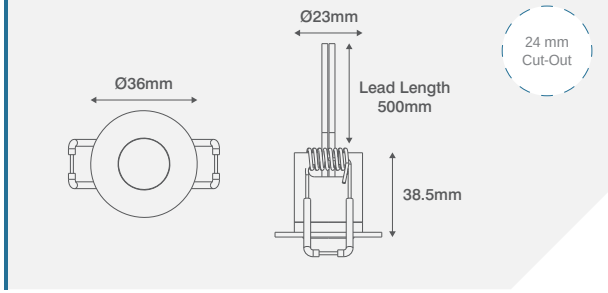
DAYLIGHT

| PRODUCT INFO | |
|---|---|
| Circuit Wattage (W) | 1.6 |
| CCT (K) | 6000 |
| Lumens (Lm) | 100 |
| Voltage (AC) | 12 |
| Lens Type | Opal |

| CODE | DESCRIPTION |
|---|---|
| OV203DLWH | Recessed Cast Starlight - White |
| OV203DLCH | Recessed Cast Starlight - Chrome |
| OV203DLSC | Recessed Cast Starlight - Satin Chrome |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVTR301 | 0.5-15Va 12V DC LED Driver (Non-dimmable) | See page 132 |




PRODUCT APPROVALS

Prewired with 0.5 metre flylead

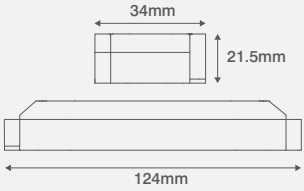
BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547

## 12V DC LED Driver

IP20

WARRANTY 1 YEAR

| CODE | DESCRIPTION |
|---|---|
| OVTR301 | 0.5-15Va LED Driver (Non-dimmable) |




PRODUCT INFO

| | |
|---|---|
| Circuit Wattage (W) | 0.5-15 |
| Input Voltage (AC) | 220-240 |
| Output Voltage (V DC) | 12 |
| Frequency (Hz) | 50/60 |
| Dimmable | No |
| Operating Temp (°C) | -5 to +45 |
| Driver Type | Constant Current |
| Current Rating (A) | 1.25 |
| Cable Size Max. | 0.75mm² |

PRODUCT APPROVALS

BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547

CONTROL

# CONTROL

Achieving optimum lighting levels is a key consideration for any project involving lighting **along with energy efficiency, cost effectiveness** and the well being of any occupants.

Ovia® **offer domestic, commercial and industrial** solutions ideally suited for all modern-day **lighting applications, which work seamlessly** with new and existing lighting.

**Designed to help improve security, save energy and money, our range of sensors will automate** lighting with the help of linked microwave sensor installations.

## Contents


Recessed ..... **138**

Surface ..... **140**

Wall ..... **146**

Luminaire ..... **150**

Photocell ..... **153**

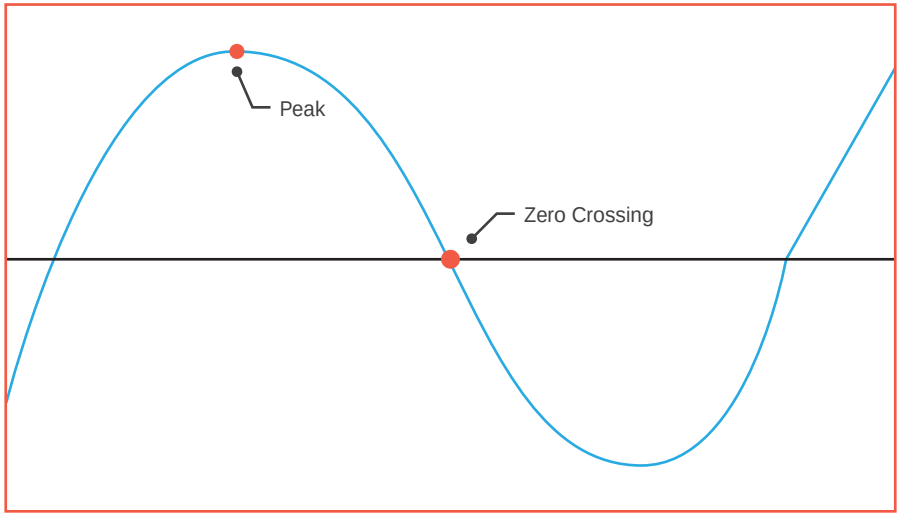
# ZERO CROSS TECHNOLOGY

## Minimise the effects of high inrush currents using Zero Cross Technology, found in our range of Control Sensors.

### How it works?

Zero Crossing refers to the relay switching technology designed into switching relays to assist in managing the high inrush current **emitted by LED's, reducing the impact on the switching contacts whilst prolonging the lifespan of the switch or sensor.**

**Generally when an AC (alternating current) load is switched on, it turns on near the 'Peak' of the AC cycle. Zero Cross Technology** has been designed to trigger the load switching when the AC voltage passes the zero mark thus minimising the effects of high inrush currents.



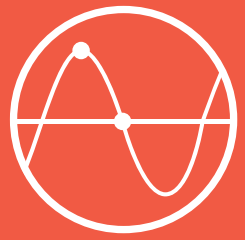

### High Inrush Current

**Today's modern LED light source offers a host of features and benefits with energy saving being the major factor. The implications when installing an LED light source is the high inrush current on start-up, especially with LED outputs and inrush currents increasing** as technology improves.

**The high inrush current can have a detrimental effect on any in-line control (switch, PIR, microwave sensor etc.) with inrush currents being as high as 100 times the recommended operating level, e.g. a 20W LED fitting could have an inrush current equivalent to 2000W. If the Load Rating (W) of the in-line control is incorrect could lead to it eventually breaking down over time with a replacement product then required, increasing maintenance costs.**



# WHAT TO LOOK OUT FOR...



## A comprehensive range of PIR and Microwave sensors featuring Zero Cross Technology.

### OVPIR008WH

360° Recessed Flush PIR

- 5 Year Warranty
- Infrared Sensor
- Indoor Use
- Zero Cross Technology
- Time and Lux Adjustable

### OVPIR009WH

360° Recessed Flush PIR With Override

- 5 Year Warranty
- Infrared Sensor
- Indoor Use
- Zero Cross Technology
- Time and Lux Adjustable

### OVMS001WH

**360° Low Profile Surface Microwave Sensor**

- 5 Year Warranty
- Microwave Sensor
- Indoor Use
- Zero Cross Technology
- Range, time and Lux Adjustable

### OVMS002WHD

**360° 1-10V Dimmable IP65 Microwave Sensor**

- 5 Year Warranty
- IP65 Rated
- Microwave Sensor
- Zero Cross Technology
- Range, Time and Lux Adjustable

### OVPIR005WH / BK

360° Compact IP44 PIR - White

- 5 Year Warranty
- IP44 Rated
- Infrared Sensor
- Zero Cross Technology
- Time and Lux Adjustable

### OVPIR006WH / BK

360° Surface IP44 PIR

- 5 Year Warranty
- IP44 Rated
- Infrared Sensor
- Zero Cross Technology
- Time and Lux Adjustable

### OVPIR007WH

**360° Low Profile Surface PIR**

- 5 Year Warranty
- Infrared Sensor
- Indoor Use
- Zero Cross Technology
- Time and Lux Adjustable

### OVPIR003WH / BK

180° Rotatable IP44 PIR - White

- 5 Year Warranty
- IP44 Rated
- Infrared Sensor
- Zero Cross Technology
- Time and Lux Adjustable

### OVPIR004WH / BK

**180° Multi-Directional IP65 PIR - White**

- 5 Year Warranty
- IP65 Rated
- Infrared Sensor
- Zero Cross Technology
- Time and Lux Adjustable

### OVPIR010WH

**360° Luminaire Mountable IP65 PIR**

- 5 Year Warranty
- IP65 Rated
- Infrared Sensor
- Zero Cross Technology
- Range, Time and Lux Adjustable

### OVPIR011WHD

**360° Luminaire Mountable 1-10V Dimmable** IP65 PIR With Remote

- 5 Year Warranty
- IP65 Rated
- Zero Cross Technology
- Range, Time and Lux Adjustable

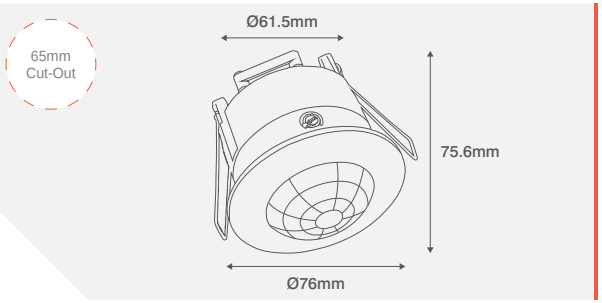
## Recessed Flush Passive Infrared Sensor

WARRANTY: 5 YEAR | INFRARED SENSOR | INDOOR USE | ZERO CROSS TECHNOLOGY | DETECTION RANGE AT 4M: 6M DIAMETER | IP20

AVAILABLE FINISHES

WHITE

| CODE | DESCRIPTION |
|---|---|
| OVPIR008WH | 360° Recessed Flush PIR |




| PRODUCT INFO | |
|---|---|
| Voltage | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°) | -20 to +40 |
| Load Rating (W) | 300 (LED) 1200 (Incan.) |
| Detection Angle (°) | 360 |
| Detection Range | Ø6m at 4m |
| Adjustable Time | 10 (Sec) to 15 (Mins) |
| Daylight Sensitivity (Lux) | 3 to 2000 |
| IP Rating | IP20 |

Zero Cross Technology

PRODUCT APPROVALS

BS EN 60669-1 **BS EN 60669-2-1** BS EN 61547 BS EN 55015 **BS EN 61000-3-2** BS EN 61000-3-3

CE UKCA







## Recessed Flush Passive Infrared Sensor

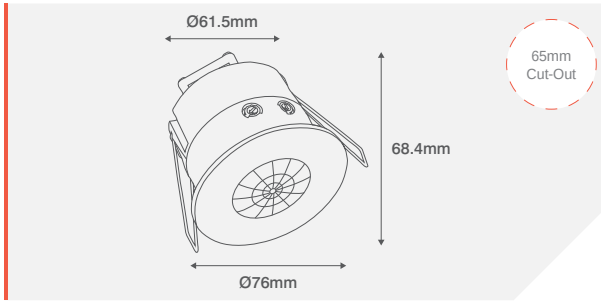
AVAILABLE FINISHES

WHITE

DETECTION RANGE AT 4M: 8M DIAMETER | ZERO CROSS TECHNOLOGY | INDOOR USE | INFRARED SENSOR | WARRANTY: 5 YEAR | IP20

| PRODUCT INFO | |
|---|---|
| Voltage | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°) | -20 to +40 |
| Load Rating (W) | 600 (LED) 1200 (Incan.) |
| Detection Angle (°) | 360 |
| Detection Range | Ø8m at 4m |
| Adjustable Time | 10 (Sec) to 15(Mins) |
| Daylight Sensitivity (Lux) | 3 to 2000 |
| IP Rating | IP20 |

| CODE | DESCRIPTION |
|---|---|
| OVPIR009WH | 360° Recessed Flush PIR With Override |




PRODUCT APPROVALS

Zero Cross Technology

BS EN 60669-1 **BS EN 60669-2-1** BS EN 61547 BS EN 55015 **BS EN 61000-3-2** BS EN 61000-3-3

UKCA CE

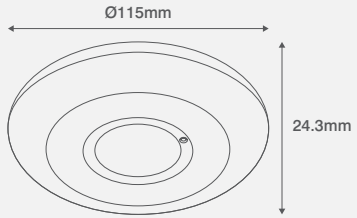
## Surface Mounted Microwave Sensor

IP20 | WARRANTY 5 YEAR | MICROWAVE SENSOR | INDOOR USE | ZERO CROSS TECHNOLOGY | DETECTION RANGE AT 6M 16M DIAMETER

AVAILABLE FINISHES

WHITE

| CODE | DESCRIPTION |
|---|---|
| OVMS001WH | 360° Low Profile Surface Microwave Sensor |




| PRODUCT INFO | |
|---|---|
| Voltage | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°) | -20 to +40 |
| Load Rating (W) | 1000 (LED) 2000 (Incan.) |
| Detection Angle (°) | 360 |
| Detection Range (M) | Ø16m at 6m |
| Adjustable Time | 10 (Sec) to 12 (Mins) |
| Daylight Sensitivity (Lux) | 3 to 2000 |
| Sensitivity | 4 - 16 Metre Diameter |
| IP Rating | IP20 |

Zero Cross Technology

PRODUCT APPROVALS

BS EN 60669-1 **BS EN 60669-2-1** BS EN 61547 BS EN 55015 **BS EN 61000-3-2** BS EN 61000-3-3

CE UKCA







## Surface Mounted Microwave Sensor

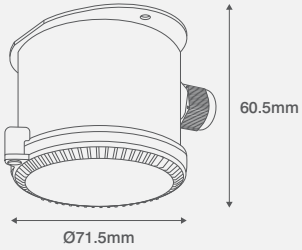
AVAILABLE FINISHES

WHITE

DETECTION RANGE AT 15M 20M DIAMETER | ZERO CROSS TECHNOLOGY | MICROWAVE SENSOR | DIMMABLE | WARRANTY 5 YEAR | IP65

| PRODUCT INFO | |
|---|---|
| Voltage | 220-240 |
| Frequency (Hz) | 50/60 |
| Dimmable | 1-10V |
| Operating Temp (°) | -20 to +40 |
| Load Rating (W) | 1000 (LED) 2000(Incan.) |
| Detection Angle (°) | 360 |
| Detection Range | Ø20m at 15m |
| Adjustable Range (%) | 50, 100 |
| Stand-by Period | 5s, 30s, 90s, 3min., 5min.,10min., 20min. & 30min. |
| Stand-by Dimmed Level (%) | 10, 20, 30, 50 |
| Daylight Sensitivity (Lux) | 2, 10, 50, 2000 |
| IP Rating | IP65 |

| CODE | DESCRIPTION |
|---|---|
| OVMS002WHD | 360° 1-10V Dimmable IP65 Microwave Sensor |




PRODUCT APPROVALS

Zero Cross Technology

BS EN 61058-1 BS EN 61547 BS EN 55015 **BS EN 61000-3-2** BS EN 61000-3-3

UKCA CE

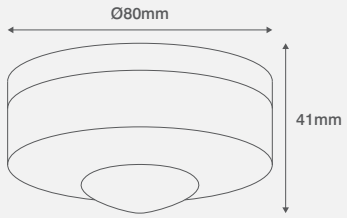
## Surface Mounted Passive Infrared Sensor

IP44 | WARRANTY 5 YEAR | INFRARED SENSOR | INDOOR & OUTDOOR USE | ZERO CROSS TECHNOLOGY | DETECTION RANGE AT 4M 6M DIAMETER

AVAILABLE FINISHES

BLACK WHITE

| CODE | DESCRIPTION |
|---|---|
| OVPIR005WH | 360° Compact IP44 PIR - White |
| OVPIR005BK | 360° Compact IP44 PIR - Black |




| PRODUCT INFO | |
|---|---|
| Voltage | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°) | -20 to +40 |
| Load Rating (W) | 300 (LED) 1200 (Incan.) |
| Detection Angle (°) | 360 |
| Detection Range | Ø6m at 4m |
| Adjustable Time | 10 (Sec) to 15 (Mins) |
| Daylight Sensitivity (Lux) | 3 to 2000 |
| IP Rating | IP44 |

Zero Cross Technology

PRODUCT APPROVALS

BS EN 60669-1 **BS EN 60669-2-1** BS EN 61547 BS EN 55015 **BS EN 61000-3-2** BS EN 61000-3-3

CE UKCA







## Surface Mounted Passive Infrared Sensor

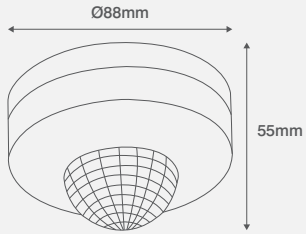
AVAILABLE FINISHES

WHITE BLACK

DETECTION RANGE AT 4M 12M DIAMETER | INDOOR & OUTDOOR USE | INFRARED SENSOR | WARRANTY 5 YEAR | IP44

| PRODUCT INFO | |
|---|---|
| Voltage | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°) | -20 to +40 |
| Load Rating (W) | 300 (LED) 1200 (Incan.) |
| Detection Angle (°) | 360 |
| Detection Range | Ø12m at 4m |
| Adjustable Time | 10 (Sec) to 15 (Mins) |
| Daylight Sensitivity (Lux) | 3 to 2000 |
| IP Rating | IP44 |

| CODE | DESCRIPTION |
|---|---|
| OVPIR006WH | 360° Surface IP44 PIR - White |
| OVPIR006BK | 360° Surface IP44 PIR - Black |




PRODUCT APPROVALS

Zero Cross Technology

BS EN 61058-1 BS EN 61547 BS EN 55015 **BS EN 61000-3-2** BS EN 61000-3-3

UKCA CE

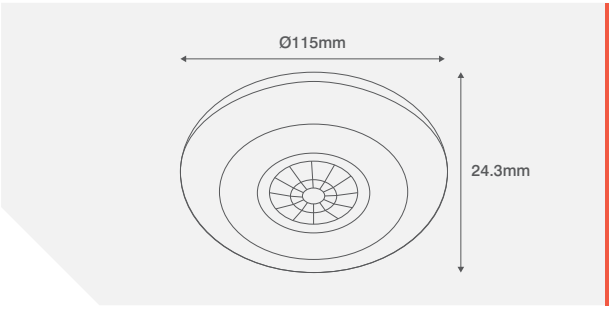
## Surface Mounted Passive Infrared Sensor

WARRANTY 5 YEAR | INFRARED SENSOR | INDOOR USE | ZERO CROSS TECHNOLOGY | DETECTION RANGE AT 4M 8M DIAMETER | IP20

AVAILABLE FINISHES

WHITE

| CODE | DESCRIPTION |
|---|---|
| OVPIR007WH | 360° Low Profile Surface PIR |




Zero Cross Technology

| PRODUCT INFO | |
|---|---|
| Voltage | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°) | -20 to +40 |
| Load Rating (W) | 1000 (LED) 2000 (Incan.) |
| Detection Angle (°) | 360 |
| Detection Range | Ø8m at 4m |
| Adjustable Time | 10 (Sec) to 15 (Mins) |
| Daylight Sensitivity (Lux) | 3 to 2000 |
| IP Rating | IP20 |

PRODUCT APPROVALS

BS EN 60669-1 **BS EN 60669-2-1** BS EN 61547 BS EN 55015 **BS EN 61000-3-2** BS EN 61000-3-3

CE UKCA





sales@oviaUK.com | Call: 01827 300640 | oviaUK.com

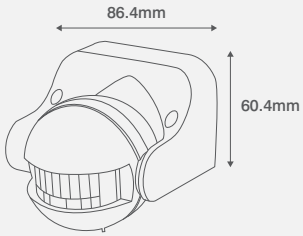
## Wall Mounted Passive Infrared Sensor

IP44 | WARRANTY 3 YEAR | INFRARED SENSOR | INDOOR & OUTDOOR USE | DETECTION RANGE UP TO 12M

AVAILABLE FINISHES

BLACK WHITE

| CODE | DESCRIPTION |
|---|---|
| OVPIR001WH | 180° Tiltable IP44 PIR - White |
| OVPIR001BK | 180° Tiltable IP44 PIR - Black |




| PRODUCT INFO | |
|---|---|
| Voltage | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°) | -20 to +40 |
| Load Rating (W) | 300 (LED) 1200 (Incan.) |
| Detection Angle (°) | 180 |
| Detection Range | Upto 12m Max. |
| Adjustable Time | 10 (Sec) to 7 (Mins) |
| Daylight Sensitivity (Lux) | 3 to 2000 |
| IP Rating | IP44 |

PRODUCT APPROVALS

BS EN 60669-1 **BS EN 60669-2-1** BS EN 61058-1 BS EN 61547 BS EN 55015 **BS EN 61000-3-2** BS EN 61000-3-3

CE UKCA







## Wall Mounted Passive Infrared Sensor

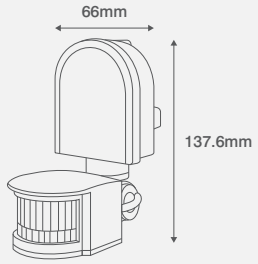
AVAILABLE FINISHES

WHITE BLACK

DETECTION RANGE 5-12M | INDOOR & OUTDOOR USE | INFRARED SENSOR | WARRANTY 3 YEAR | IP44

| PRODUCT INFO | |
|---|---|
| Voltage | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°) | -20 to +40 |
| Load Rating (W) | 300 (LED) 1200 (Incan.) |
| Detection Angle (°) | 180 |
| Detection Range | 5m to 12m |
| Adjustable Time | 10 (Sec) to 7 (Mins) |
| Daylight Sensitivity (Lux) | 3 to 2000 |
| IP Rating | IP44 |

| CODE | DESCRIPTION |
|---|---|
| OVPIR002WH | 180° Multi-Directional IP44 PIR - White |
| OVPIR002BK | 180° Multi-Directional IP44 PIR - Black |




PRODUCT APPROVALS

BS EN 61058-1 BS EN 61547 BS EN 55015 **BS EN 61000-3-2** BS EN 61000-3-3

UKCA CE

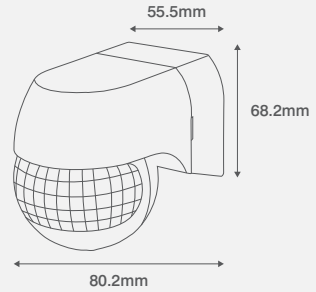
## Wall Mounted Passive Infrared Sensor

IP44 | WARRANTY 5 YEAR | INFRARED SENSOR | INDOOR & OUTDOOR USE | ZERO CROSS TECHNOLOGY | DETECTION RANGE UP TO 12M

AVAILABLE FINISHES

BLACK | WHITE

| CODE | DESCRIPTION |
|---|---|
| OVPIR003WH | 180° Rotatable IP44 PIR - White |
| OVPIR003BK | 180° Rotatable IP44 PIR - Black |




| PRODUCT INFO | |
|---|---|
| Voltage | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°) | -20 to +40 |
| Load Rating (W) | 400 (LED) 800 (Incan.) |
| Detection Angle (°) | 180 |
| Detection Range | Upto 12m Max. |
| Adjustable Time | 10 (Sec) to 15 (Mins) |
| Daylight Sensitivity (Lux) | 3 to 2000 |
| IP Rating | IP44 |

Zero Cross Technology

PRODUCT APPROVALS

BS EN 60669-1 **BS EN 60669-2-1** BS EN 61058-1 BS EN 61547 BS EN 55015 **BS EN 61000-3-2** BS EN 61000-3-3

CE UKCA







## Wall Mounted Passive Infrared Sensor

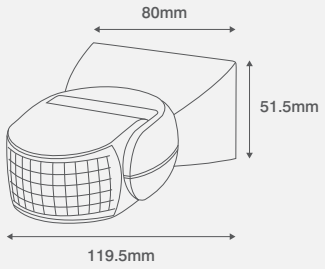
AVAILABLE FINISHES

WHITE | BLACK

DETECTION RANGE UP TO 12M | ZERO CROSS TECHNOLOGY | INDOOR & OUTDOOR USE | INFRARED SENSOR | WARRANTY 5 YEAR | IP65

| PRODUCT INFO | |
|---|---|
| Voltage | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°) | -20 to +40 |
| Load Rating (W) | 300 (LED) 1200 (Incan.) |
| Detection Angle (°) | 180 |
| Detection Range | Upto 12m Max. |
| Adjustable Time | 10 (Sec) to 15 (Mins) |
| Daylight Sensitivity (Lux) | 3 to 2000 |
| IP Rating | IP65 |

| CODE | DESCRIPTION |
|---|---|
| OVPIR004WH | 180° Multi-Directional IP65 PIR - White |
| OVPIR004BK | 180° Multi-Directional IP65 PIR - Black |




PRODUCT APPROVALS

Zero Cross Technology

BS EN 60669-1 **BS EN 60669-2-1** BS EN 61547 BS EN 55015 **BS EN 61000-3-2** BS EN 61000-3-3

UKCA CE

## Luminaire Mounted Passive Infrared Sensor

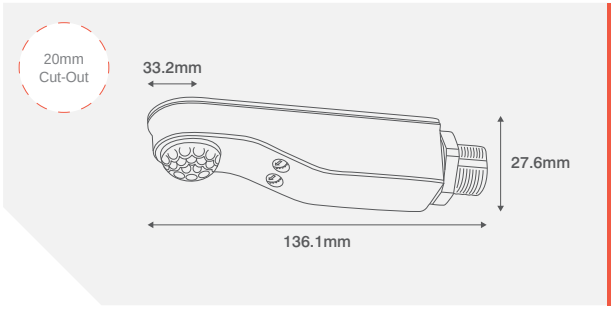
WARRANTY 5 YEAR | INFRARED SENSOR | INDOOR & OUTDOOR USE | ZERO CROSS TECHNOLOGY | DETECTION RANGE AT 6M 10M DIAMETER | IP65

AVAILABLE FINISHES

WHITE

| CODE | DESCRIPTION |
|---|---|
| OVPIR010WH | 360° Luminaire Mountable IP65 PIR |

| PRODUCT INFO | |
|---|---|
| Voltage | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°) | -20 to +40 |
| Load Rating (W) | 500 (LED) 1200(Incan.) |
| Detection Angle (°) | 360 |
| Detection Range | Ø10m at 6m |
| Adjustable Time | 10 (Sec) to 30 (Mins) |
| Daylight Sensitivity (Lux) | 3 to 2000 |
| IP Rating | IP65 |




Zero Cross Technology

PRODUCT APPROVALS

BS EN 61058-1 BS EN 61547 BS EN 55015 **BS EN 61000-3-2** BS EN 61000-3-3







## Luminaire Mounted Passive Infrared Sensor

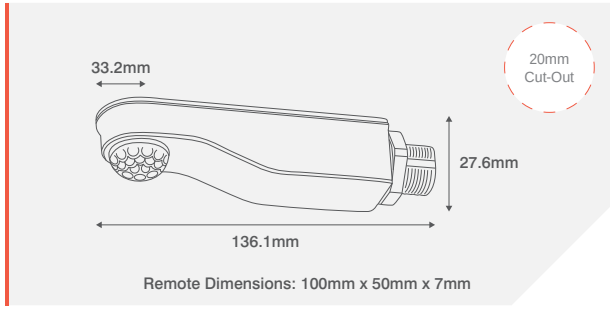
AVAILABLE FINISHES

WHITE

DETECTION RANGE AT 6M 10M DIAMETER | ZERO CROSS TECHNOLOGY | INFRARED SENSOR | WARRANTY 5 YEAR | DIMMABLE | IP65

| PRODUCT INFO | |
|---|---|
| Voltage | 220-240 |
| Frequency (Hz) | 50/60 |
| Dimmable | 1-10V |
| Operating Temp (°) | -20 to +40 |
| Load Rating (W) | 500 (LED) 1200 (Incan.) |
| Detection Angle (°) | 360 |
| Detection Range | Ø10m at 6m |
| Adjustable Range (%) | 50, 75, 100 |
| Stand-by Period | 10s, 1min., 3min.,7min., 15min. & 30min. |
| Stand-by Dimmed Level (%) | OFF, 10, 20, 30 (OFF disabled dimming period) |
| Daylight Sensitivity (Lux) | 10, 50, 150, 2000 |
| IP Rating | IP65 |

| CODE | DESCRIPTION |
|---|---|
| OVPIR011WHD | 360° Luminaire Mountable 1-10V Dimmable IP65 PIR With Remote |




Remote Dimensions: 100mm x 50mm x 7mm

PRODUCT APPROVALS

Zero Cross Technology

BS EN 61058-1 BS EN 61547 BS EN 55015 **BS EN 61000-3-2** BS EN 61000-3-3

## Wall Mounted Photocell

AVAILABLE FINISHES

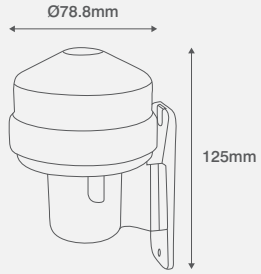
BLACK

INDOOR & OUTDOOR USE | LIGHT CONTROL SENSOR | WARRANTY 3 YEAR | IP44

### PRODUCT INFO

| | |
|---|---|
| Voltage | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°) | -20 to +40 |
| Load Rating (W) | 300 (LED) 1200(Incan.) |
| Detection Angle (°) | 360 |
| Lux Level | 5-15 (Not Adjustable) |
| IP Rating | IP44 |

| CODE | DESCRIPTION |
|---|---|
| OVPC001BK | IP44 Photocell |




### PRODUCT APPROVALS

BS EN 61058-1 BS EN 61547 BS EN 55015 **BS EN 61000-3-2** BS EN 61000-3-3

CE

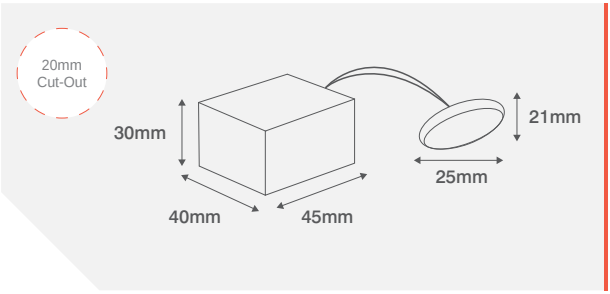
## Luminaire Mounted Photocell

IP65 | WARRANTY 1 YEAR | LIGHT CONTROL SENSOR | INDOOR & OUTDOOR USE

| CODE | DESCRIPTION |
|---|---|
| OVPC002 | IP65 Remote Photocell |

PRODUCT INFO

| | |
|---|---|
| Voltage | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°) | -40 to +70 |
| Load Rating (W) | 400 |
| Lux Level | 70 (automatic dusk/dawn) |
| IP Rating | IP65 |




PRODUCT APPROVALS

BS EN 61058-1 BS EN 61547 BS EN 55015 **BS EN 61000-3-2** BS EN 61000-3-3

# UTILITY LIGHTING

# UTILITY LIGHTING

Meeting with contractor approvals our Utility range has been designed and developed utilising some of the fastest methods to assist with speed and ease of installation.

**A complete range of fluorescent equivalent** products provides a solution for a wide range of **retrofit and new installations. This range offers** a multitude of features and a modern design including a pre-installed microwave option for automated control whilst saving energy.

Emergency battery backup options are also available to assist with meeting compliance of BS 5266-1 code of practice for the emergency lighting of premises.

## Contents


Bulkhead ..... 158

Linear ..... 198

INCEPTOR® PRODUCTS TO LOOK OUT FOR IN THIS SECTION...

EVO



DUO



RIO

A-LITE



B-LITE

U-LITE

Switch 2 Inceptor

# INCEPTOR® EVO

## LED BULKHEAD

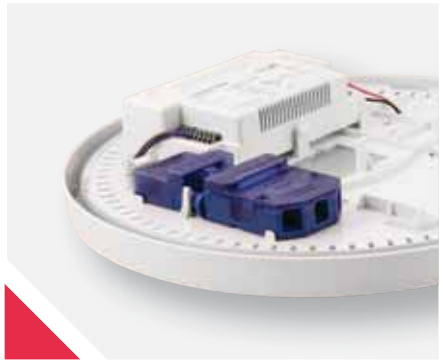
IP65 | 5YR WARRANTY | 4200K | 50,000 HRS (L70)

### Circular

### Eyelid

## Integrated Flow™ Connector

**An integrated 4 Pole Flow™** connector allows for **quick and simple connection & disconnection for** initial and periodic testing to be carried out.



## Fast-fit Twist and Lock Installation

**The twist and lock process saves time during the installation which simplifies the maintenance and servicing of the luminaire.**

### Microwave Sensor Version

**Photocell - dusk till dawn switching**
**Adjustable time delay Up to 20 minutes**
**Adjustable detection range (1m - 10m).**

### Emergency Version

3 hour maintained emergency
**No need for emergency conversion**
**LED indicator.**

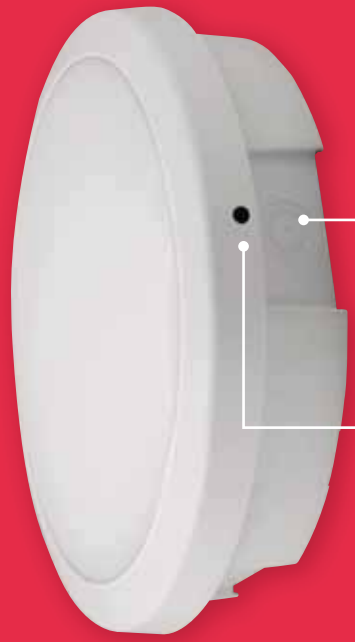
### Corridor Function Version

**Reduce energy consumption**
Simple switch activates corridor function.

### Self Test Version

**Self-Test emergency lighting checks itself** automatically to ensure that the battery and lamp in each emergency light are fully operational.

ON SITE WARRANTY



### One rear and four side entry points

**Rear cable access can be achieved** via the rubber grommet located in the **centre. Suitable for use with 20mm and 25mm conduit fixings.**

### Anti-tamper screw (PC housing)

**Prevent unauthorised access, theft or removal of the luminaire. This** makes the Evo particularly suitable for public areas such as schools and shopping malls.

### Metal enclosures

**The robust polycarbonate construction (IK08) can be** enhanced further by encasing the body in an additional metal enclosure, providing excellent vandal resistant **protection (IK10).**

***METAL HOUSING SOLD SEPARATELY**

### Steel base plate with rear access

A steel base plate with access to rear and 4 side entry points making it secure and easy to install.

### Die-cast aluminium body

**The Inceptor®** Evo metal bulkhead housing consist of a die-cast aluminium body with tamper proof screws.

# INCEPTOR® EVO

## Driver

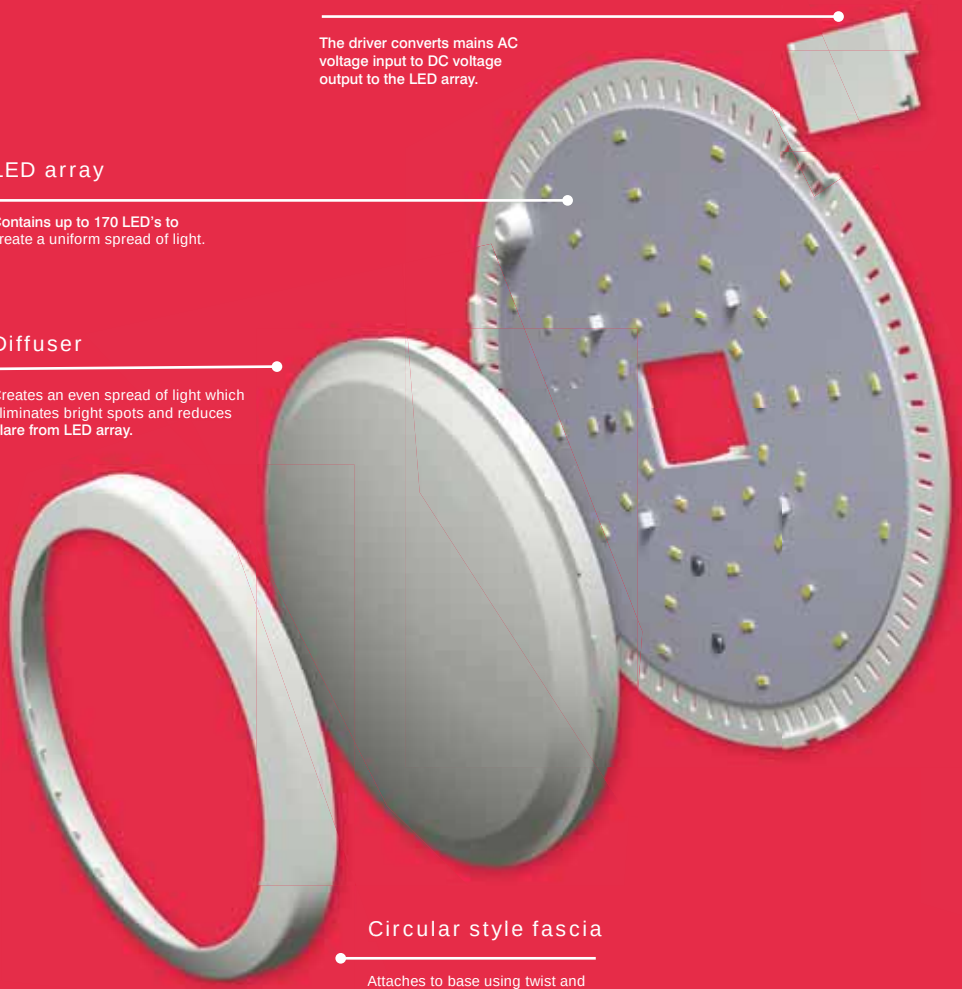
The driver converts mains AC voltage input to DC voltage output to the LED array.

## LED array

Contains up to 170 LED's to create a uniform spread of light.

## Diffuser

Creates an even spread of light which eliminates bright spots and reduces glare from LED array.



## Circular style fascia

Attaches to base using twist and lock mechanism. Secures diffuser in position.

## Base

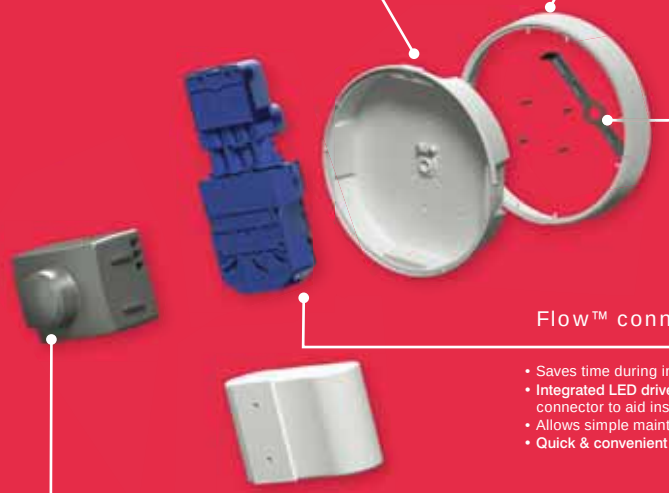
- Multiple base mounting options allow for flexibility of install.
- 4 side entry points & 1 rear entry point.
- Side entries suitable for 10mm & 25mm conduit.
- Includes moisture seal to achieve IP65 rating.

## Surface mount adaptor ring

Removable to enable the fitting to be semi-recess mounted or for installing within the metal enclosure.

## Recess bracket

Allows the fitting to be secured into place for semi-recess mount installations.



## Flow™ connectors

- Saves time during install.
- Integrated LED driver prewired to a 4 pole Flow™ connector to aid installation and future maintenance.
- Allows simple maintenance/ servicing of the luminaire.
- Quick & convenient wiring.

## Battery - 3 hour emergency operation

- Provision for over 3 hours reduced light output in the event of mains power failure.
- Also allows for consistency throughout installation i.e. the emergency luminaire looks the same as that of the mains only luminaires.

## Microwave sensor

- Switches bulkhead on when presence is detected.
- Reduces unnecessary energy use.
- Time adjustment between 8 secs to 20 minutes.
- Daylight sensor adjustment between 2 – 2000 lux.
- Detection adjustment between 1 to 10 meters.
- Suitable for switching loads of up to 1000W.
- Microwave sensor controls orientated to allow easy adjustment during installation.

# INCEPTOR® EVO HOUSING

## Distinct aluminium designs

IK10

The Inceptor® Evo is manufactured using high-quality, UV stabilised Polycarbonate with a design that reaches IK08; making it suitable for installations within harsh environments including in direct sunlight.

With removal of the PC rear "skirt", the Evo can be fitted inside our range of metal enclosures increasing robustness to IK Level 10. Four Hex-Head bolts seal the product shut for additional security.

### Circular

A Circular fascia allows light to be distributed at an optimum beam angle of 120°.

### Eyelid

The Eyelid fascia reduces upward glare, providing greater direction and emphasis of illumination.

### Grille

For architectural & design settings the Grille is a perfect fascia which also reduces glare.

### Die-cast aluminium body

A die cast aluminium body ensures a high grade surface finish and a solid body to keep the bulkhead protected from any damage that may occur, especially in commercial areas.

### Four side entry points

Offering the same cable entry locations as the Evo's polycarbonate main body; with the four side entries sealed with removable inserts.

### Robust metal base plate with access to rear.

Having a robust base plate at the back of the enclosure keeps the luminaire as secure as possible whilst keeping any damage to a minimum.

The PC cover can be locked using the tamper-proof screw. The metal enclosure is also supplied with four cover retaining screws.

## IK10 Metal Housings For Inceptor® Evo

AVAILABLE FINISHES

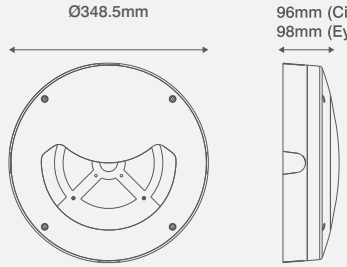
WHITE BLACK

WARRANTY

IK10 5 YEAR

ON SITE WARRANTY

| CODE | DESCRIPTION |
|---|---|
| OV9001BK | IK10 Circular Housing - Black |
| OV9002BK | IK10 Eyelid Housing - Black |
| OV9003BK | IK10 Grille Housing - Black |
| OV9001WH | IK10 Circular Housing - White |
| OV9002WH | IK10 Eyelid Housing - White |
| OV9003WH | IK10 Grille Housing - White |




PRODUCT APPROVALS

Suitable for use with standard range of Inceptor® Evo bulkheads (Not Supplied)

BS EN 62262

UK CA CE

## 10W IP65 LED Bulkhead

IP65 | WARRANTY 5 YEAR | EMERGENCY AVAILABLE | SELF TEST AVAILABLE | BATTERY WARRANTY 4 YEAR

AVAILABLE FINISHES

WHITE

ON SITE WARRANTY

Pre-wired flow™ Connector

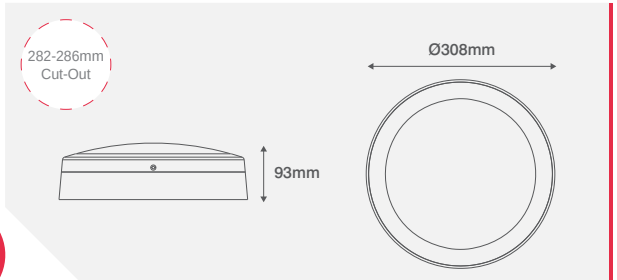
COLOUR TEMPERATURE

COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OV9500WH9 | Bulkhead - White |
| OV9500WH93EM | Bulkhead With Emergency - White |
| OV9500WH93EMST | Bulkhead With Emergency Self-Test - White |

COMPATIBLE PRODUCTS See page 163

| | |
|---|---|
| OV9001BK/WH | Circular Metal Housing For Inceptor® EVO - Black or White |
| OV9002BK/WH | Eyelid Metal Housing For Inceptor® EVO - Black or White |
| OV9003BK/WH | Grille Metal Housing For Inceptor® EVO - Black or White |




PRODUCT INFO

| | Mains | Emergency |
|---|---|---|
| Circuit Wattage (W) | 10 | 12 |
| Lumens (lm) | 1210 | 1210 |
| Lumens (lm) (Emergency) | N/A | 349 |
| Efficacy (lm/W) | 121 | 101 |
| CCT (K) | 4200 | |
| CRI | 68.4 | |
| Beam Angle (°) | 120 | |
| LED Lifetime (Hrs) | 50000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50/60 | |
| Operating Temp (°C) | -5 to +45 | +5 to +45 |

Complete with prewired Flow™ Connector

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-22 BS EN 60598-2-1 BS EN 61347-1 BS EN 61347-2-13 BS EN 61347-2-7 BS EN 55015 BS EN 61000-3-2 BS EN 61000-3-3

CE UKCA





## 10W IP65 LED Bulkhead

AVAILABLE FINISHES

WHITE

BATTERY WARRANTY 4 YEAR | SELF TEST AVAILABLE | EMERGENCY AVAILABLE | MICROWAVE SENSOR | CORRIDOR FUNCTION | WARRANTY 5 YEAR | IP65

Pre-wired flow™ Connector

ON SITE WARRANTY

COLOUR TEMPERATURE

COOL WHITE

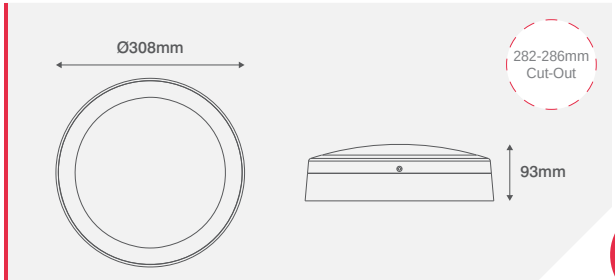
PRODUCT INFO

| | Mains | Emergency |
|---|---|---|
| Circuit Wattage (W) | 13 | 18 |
| Lumens (lm) | 1380 | 1560 |
| Lumens (lm) (Standby) | 200 | 275 |
| Lumens (lm) (Emergency) | N/A | 349 |
| Efficacy (lm/W) | 154 | 89 |
| CCT (K) | 4200 | |
| CRI | 68.4 | |
| Beam Angle (°) | 120 | |
| LED Lifetime (Hrs) | 50000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50/60 | |
| Operating Temp (°C) | -5 to +45 | +5 to +45 |

| CODE | DESCRIPTION |
|---|---|
| OV9500WH9MS | Bulkhead With Microwave Sensor - White |
| OV9500WH9MS3EM | Bulkhead With Microwave Sensor & Emergency - White |
| OV9500WH9MS3EMST | Bulkhead With Microwave Sensor & Emergency Self-Test - White |

COMPATIBLE PRODUCTS See page 163

| | |
|---|---|
| OV9001BK/WH | Circular Metal Housing For Inceptor® EVO - Black or White |
| OV9002BK/WH | Eyelid Metal Housing For Inceptor® EVO - Black or White |
| OV9003BK/WH | Grille Metal Housing For Inceptor® EVO - Black or White |




PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-22 BS EN 60598-2-1 BS EN 61347-1 BS EN 61347-2-13 BS EN 61347-2-7 BS EN 55015 BS EN 61000-3-2 BS EN 61000-3-3

Complete with prewired Flow™ Connector

UKCA CE

## 10W Eyelid IP65 LED Bulkhead

IP65 | WARRANTY 5 YEAR | EMERGENCY AVAILABLE | SELF TEST AVAILABLE | BATTERY WARRANTY 4 YEAR

AVAILABLE FINISHES

WHITE

ON SITE WARRANTY

Pre-wired flow™ Connector

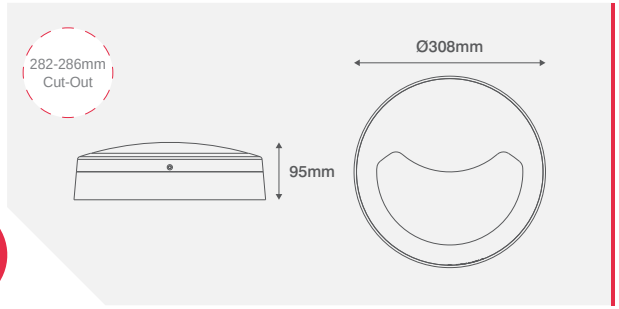
COLOUR TEMPERATURE

COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OV9505WH9 | Bulkhead - White |
| OV9505WH93EM | Bulkhead With Emergency - White |
| OV9505WH93EMST | Bulkhead With Emergency Self-Test - White |

COMPATIBLE PRODUCTS See page 163

| | |
|---|---|
| OV9001BK/WH | Circular Metal Housing For Inceptor® EVO - Black or White |
| OV9002BK/WH | Eyelid Metal Housing For Inceptor® EVO - Black or White |
| OV9003BK/WH | Grille Metal Housing For Inceptor® EVO - Black or White |




PRODUCT INFO

| | Mains | Emergency |
|---|---|---|
| Circuit Wattage (W) | 10 | 12 |
| Lumens (lm) | 543 | 543 |
| Lumens (lm) (Emergency) | N/A | 141 |
| Efficacy (lm/W) | 54 | 45 |
| CCT (K) | 4200 | |
| CRI | 68.4 | |
| Beam Angle (°) | 120 | |
| LED Lifetime (Hrs) | 50000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50/60 | |
| Operating Temp (°C) | -5 to +45 | +5 to +45 |

Complete with prewired Flow™ Connector

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-22 BS EN 60598-2-1 BS EN 61347-1 BS EN 61347-2-13 BS EN 61347-2-7 BS EN 55015 BS EN 61000-3-2 BS EN 61000-3-3

CE UKCA







## 10W Eyelid IP65 LED Bulkhead

AVAILABLE FINISHES

WHITE

BATTERY WARRANTY 4 YEAR | SELF TEST AVAILABLE | EMERGENCY AVAILABLE | MICROWAVE SENSOR | CORRIDOR FUNCTION | WARRANTY 5 YEAR | IP65

Pre-wired flow™ Connector

ON SITE WARRANTY

COLOUR TEMPERATURE

COOL WHITE

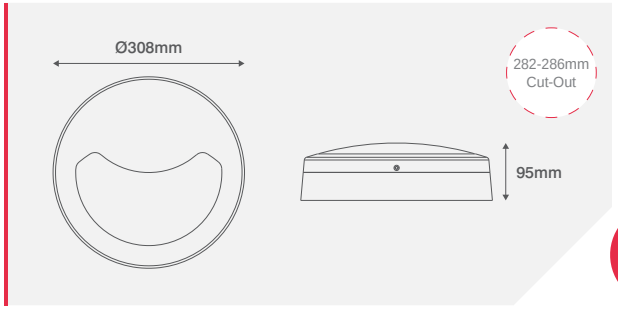
PRODUCT INFO

| | Mains | Emergency |
|---|---|---|
| Circuit Wattage (W) | 13 | 18 |
| Lumens (lm) | 543 | 607 |
| Lumens (lm) (Corridor) | 100 | 130 |
| Lumens (lm) (Emergency) | N/A | 141 |
| Efficacy (lm/W) | 42 | 33 |
| CCT (K) | 4200 | |
| CRI | 68.4 | |
| Beam Angle (°) | 120 | |
| LED Lifetime (Hrs) | 50000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50/60 | |
| Operating Temp (°C) | -5 to +45 | +5 to +45 |

| CODE | DESCRIPTION |
|---|---|
| OV9505WH9MS | Bulkhead With Microwave Sensor - White |
| OV9505WH9MS3EM | Bulkhead With Microwave Sensor & Emergency - White |
| OV9505WH9MS3EMST | Bulkhead With Microwave Sensor & Emergency Self-Test - White |

COMPATIBLE PRODUCTS See page 163

| | |
|---|---|
| OV9001BK/WH | Circular Metal Housing For Inceptor® EVO - Black or White |
| OV9002BK/WH | Eyelid Metal Housing For Inceptor® EVO - Black or White |
| OV9003BK/WH | Grille Metal Housing For Inceptor® EVO - Black or White |




PRODUCT APPROVALS

Complete with prewired Flow™ Connector

BS EN 60598-1 BS EN 60598-2-22 BS EN 60598-2-1 BS EN 61347-1 BS EN 61347-2-13 BS EN 61347-2-7 BS EN 55015 BS EN 61000-3-2 BS EN 61000-3-3

UKCA CE

## 12W IP65 LED Bulkhead - CCT

IP65 | WARRANTY 5 YEAR | CORRIDOR FUNCTION | MICROWAVE SENSOR

AVAILABLE FINISHES

BLACK | WHITE

CCT

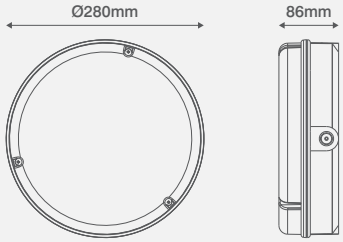
COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV9300WH12 | Bulkhead - Standard - White |
| OV9300BK12 | Bulkhead - Standard - Black |
| OV9300WH12MW | Bulkhead - Microwave Sensor - White |
| OV9300BK12MW | Bulkhead - Microwave Sensor - Black |

PRODUCT INFO

| | | | |
|---|---|---|---|
| Circuit Wattage (W) | | 12 | |
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 1200 | 1300 | 1200 |
| Lumens (lm) (Corridor) | 120 | 130 | 120 |
| Efficacy (lm/W) | 93 | 105 | 95 |
| CRI | | >80 | |
| Beam Angle (°) | | 114 | |
| LED Lifetime (Hrs) | | 30000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Operating Temp (°C) | | -15 to +50 | |




Complete with 4 knockouts and push-fit terminals

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2

CE | UKCA







## 12W IP65 LED Bulkhead - CCT

AVAILABLE FINISHES

WHITE | BLACK

SELF TEST AVAILABLE | LI-ION | BATTERY WARRANTY 4 YEAR | EMERGENCY AVAILABLE | MICROWAVE SENSOR | CORRIDOR FUNCTION | WARRANTY 5 YEAR | IP65

COLOUR TEMPERATURE

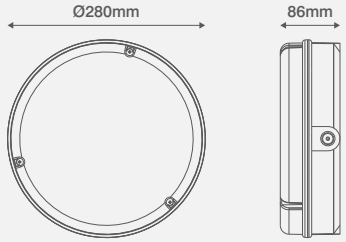
WARM WHITE | COOL WHITE | DAYLIGHT

CCT

PRODUCT INFO

| | | | |
|---|---|---|---|
| Circuit Wattage (W) | | 14 | |
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 1200 | 1300 | 1200 |
| Lumens (lm) (Corridor) | 120 | 130 | 120 |
| Lumens (lm) (Emergency) | | 122 | |
| Efficacy (lm/W) | 85 | 92 | 85 |
| CRI | | >80 | |
| Beam Angle (°) | | 114 | |
| LED Lifetime (Hrs) | | 30000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Operating Temp (°C) | | 0 to +50 | |

| CODE | DESCRIPTION |
|---|---|
| OV9300WH12EM | Bulkhead - Emergency - White |
| OV9300BK12EM | Bulkhead - Emergency - Black |
| OV9300WH12EMST | Bulkhead - Self-Test Emergency - White |
| OV9300BK12EMST | Bulkhead - Self-Test Emergency - Black |
| OV9300WH12MWEM | Bulkhead - Microwave Sensor & Emergency - White |
| OV9300BK12MWEM | Bulkhead - Microwave Sensor & Emergency - Black |
| OV9300WH12MWEMST | Bulkhead - Microwave Sensor & Self-Test Emergency - White |
| OV9300BK12MWEMST | Bulkhead - Microwave Sensor & Self-Test Emergency - Black |




Complete with 4 knockouts and push-fit terminals

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2

UKCA | CE

## 12W IP65 LED Bulkhead With Photocell - CCT

IP65 | WARRANTY 5 YEAR | 114 BEAM ANGLE | 30000 LIFETIME | LIGHT CONTROL SENSOR

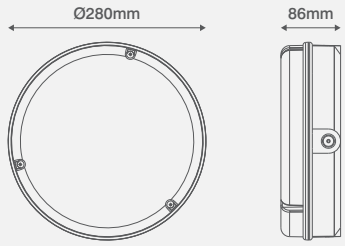
AVAILABLE FINISHES: BLACK, WHITE

CCT

COLOUR TEMPERATURE: WARM WHITE, COOL WHITE, DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV9300WH12PC | Bulkhead - Standard - White |
| OV9300BK12PC | Bulkhead - Standard - Black |

| PRODUCT INFO | | | |
|---|---|---|---|
| Circuit Wattage (W) | | 12 | |
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 1200 | 1300 | 1200 |
| Efficacy (lm/W) | 93 | 105 | 95 |
| CRI | | >80 | |
| Beam Angle (°) | | 114 | |
| LED Lifetime (Hrs) | | 30000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Operating Temp (°C) | | -15 to +50 | |
| Ambient Light On & Off | | 70 Lux | |




Complete with 4 knockouts and push-fit terminals

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2

CE UKCA







## 12W IP65 LED Bulkhead With Photocell - CCT

AVAILABLE FINISHES: WHITE, BLACK

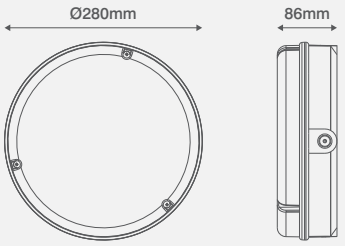
LI-ION | LIGHT CONTROL SENSOR | EMERGENCY AVAILABLE | BATTERY WARRANTY 4 YEAR | MICROWAVE SENSOR | CORRIDOR FUNCTION | WARRANTY 5 YEAR | IP65

COLOUR TEMPERATURE: WARM WHITE, COOL WHITE, DAYLIGHT

CCT

| PRODUCT INFO | | | |
|---|---|---|---|
| Circuit Wattage (W) | | 14 | |
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 1200 | 1300 | 1200 |
| Lumens (lm) (Corridor) | 120 | 130 | 120 |
| Lumens (lm) (Emergency) | | 122 | |
| Efficacy (lm/W) | 85 | 92 | 85 |
| CRI | | >80 | |
| Beam Angle (°) | | 114 | |
| LED Lifetime (Hrs) | | 30000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Operating Temp (°C) | | 0 to +50 | |
| Ambient Light On & Off | | 70 Lux | |

| CODE | DESCRIPTION |
|---|---|
| OV9300WH12EMPC | Bulkhead - Emergency - White |
| OV9300BK12EMPC | Bulkhead - Emergency - Black |
| OV9300WH12MWEMPC | Bulkhead - Microwave Sensor & Emergency - White |
| OV9300BK12MWEMPC | Bulkhead - Microwave Sensor & Emergency - Black |




Complete with 4 knockouts and push-fit terminals

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 60598-2-22 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547

UKCA CE

## 16W IP65 LED Bulkhead - CCT

IP65 | WARRANTY 5 YEAR | CORRIDOR FUNCTION | MICROWAVE SENSOR

AVAILABLE FINISHES

BLACK | WHITE

CCT

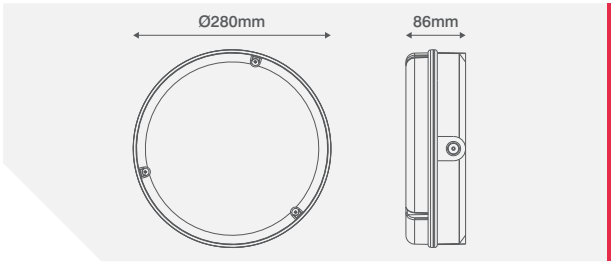
COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV9300WH16 | Bulkhead - Standard - White |
| OV9300BK16 | Bulkhead - Standard - Black |
| OV9300WH16MW | Bulkhead - Microwave Sensor - White |
| OV9300BK16MW | Bulkhead - Microwave Sensor - Black |

PRODUCT INFO

| | | | |
|---|---|---|---|
| Circuit Wattage (W) | | 16 | |
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 1500 | 1650 | 1550 |
| Lumens (lm) (Corridor) | 150 | 165 | 155 |
| Efficacy (lm/W) | 86 | 100 | 93 |
| CRI | | >80 | |
| Beam Angle (°) | | 114 | |
| LED Lifetime (Hrs) | | 30000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Operating Temp (°C) | | -15 to +50 | |




Complete with 4 knockouts and push-fit terminals

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2

CE | UKCA







## 16W IP65 LED Bulkhead - CCT

AVAILABLE FINISHES

WHITE | BLACK

SELF TEST AVAILABLE | LI-ION | BATTERY WARRANTY 4 YEAR | EMERGENCY AVAILABLE | MICROWAVE SENSOR | CORRIDOR FUNCTION | WARRANTY 5 YEAR | IP65

COLOUR TEMPERATURE

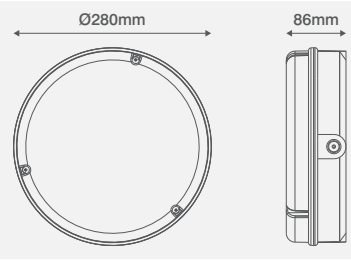
WARM WHITE | COOL WHITE | DAYLIGHT

CCT

PRODUCT INFO

| | | | |
|---|---|---|---|
| Circuit Wattage (W) | | 18 | |
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 1500 | 1650 | 1550 |
| Lumens (lm) (Corridor) | 150 | 165 | 155 |
| Lumens (lm) (Emergency) | | 122 | |
| Efficacy (lm/W) | 83 | 91 | 86 |
| CRI | | >80 | |
| Beam Angle (°) | | 114 | |
| LED Lifetime (Hrs) | | 30000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Operating Temp (°C) | | 0 to +50 | |

| CODE | DESCRIPTION |
|---|---|
| OV9300WH16EM | Bulkhead - Emergency - White |
| OV9300BK16EM | Bulkhead - Emergency - Black |
| OV9300WH16EMST | Bulkhead - Self-Test Emergency - White |
| OV9300BK16EMST | Bulkhead - Self-Test Emergency - Black |
| OV9300WH16MWEM | Bulkhead - Microwave Sensor & Emergency - White |
| OV9300BK16MWEM | Bulkhead - Microwave Sensor & Emergency - Black |
| OV9300WH16MWEMST | Bulkhead - Microwave Sensor & Self-Test Emergency - White |
| OV9300BK16MWEMST | Bulkhead - Microwave Sensor & Self-Test Emergency - Black |




PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2

Complete with 4 knockouts and push-fit terminals

UKCA | CE

## 16W IP65 LED Bulkhead With Photocell - CCT

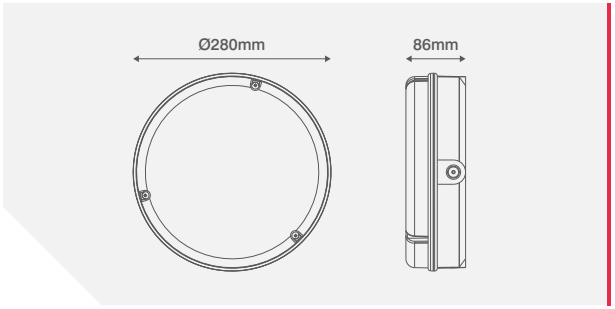
IP65 | WARRANTY 5 YEAR | 114 BEAM ANGLE | 30000 LIFETIME | LIGHT CONTROL SENSOR

AVAILABLE FINISHES: BLACK | WHITE

CCT

COLOUR TEMPERATURE: WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV9300BK16PC | Bulkhead - Standard - Black |
| OV9300WH16PC | Bulkhead - Standard - White |




| PRODUCT INFO | | | |
|---|---|---|---|
| Circuit Wattage (W) | | 12 | |
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 1500 | 1650 | 1550 |
| Efficacy (lm/W) | 86 | 100 | 93 |
| CRI | | >80 | |
| Beam Angle (°) | | 114 | |
| LED Lifetime (Hrs) | | 30000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Operating Temp (°C) | | -15 to +50 | |
| Ambient Light On & Off | | 70 Lux | |

Complete with 4 knockouts and push-fit terminals

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2

CE UKCA







## 16W IP65 LED Bulkhead With Photocell - CCT

AVAILABLE FINISHES: WHITE | BLACK

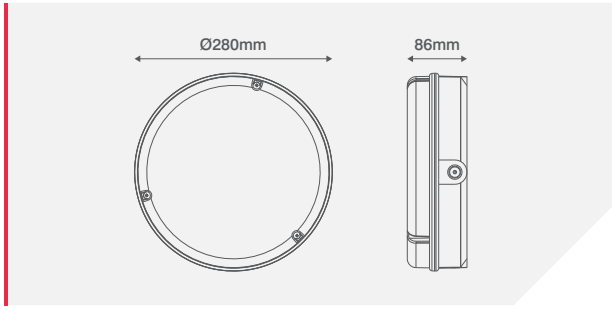
LI-ION | LIGHT CONTROL SENSOR | EMERGENCY AVAILABLE | BATTERY WARRANTY 4 YEAR | MICROWAVE SENSOR | CORRIDOR FUNCTION | WARRANTY 5 YEAR | IP65

COLOUR TEMPERATURE: WARM WHITE | COOL WHITE | DAYLIGHT

CCT

| PRODUCT INFO | | | |
|---|---|---|---|
| Circuit Wattage (W) | | 14 | |
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 1500 | 1650 | 1550 |
| Lumens (lm) (Corridor) | 150 | 165 | 155 |
| Lumens (lm) (Emergency) | | 122 | |
| Efficacy (lm/W) | 83 | 91 | 86 |
| CRI | | >80 | |
| Beam Angle (°) | | 114 | |
| LED Lifetime (Hrs) | | 30000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Operating Temp (°C) | | 0 to +50 | |
| Ambient Light On & Off | | 70 Lux | |

| CODE | DESCRIPTION |
|---|---|
| OV9300BK16EMPC | Bulkhead - Emergency - Black |
| OV9300WH16EMPC | Bulkhead - Emergency - White |
| OV9300BK16MWEMPC | Bulkhead - Microwave Sensor & Emergency - Black |
| OV9300WH16MWEMPC | Bulkhead - Microwave Sensor & Emergency - White |




Complete with 4 knockouts and push-fit terminals

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 60598-2-22 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547

UKCA CE

# EVO ORB DECORATIVE BEZELS

**Black finish as standard, Plain Ring also available in Chrome.**

IK08

IP65

5 YR WARRANTY

Decorative

Half Louvre

Eyelid

Plain Ring

**Skirts fit flush to wall.**

Perfect for coastal environments.

## Bezels for Evo Orb

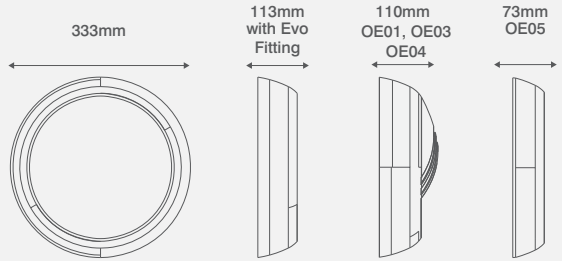
AVAILABLE FINISHES

CHROME BLACK

WARRANTY

IK08 5 YEAR

| CODE | DESCRIPTION |
|---|---|
| OEO1BK | Decorative Bezel - Matt Black |
| OEO3BK | Half Louvre Bezel - Matt Black |
| OEO4BK | Eyelid Bezel - Matt Black |
| OEO5BK | Plain Ring Bezel - Black |
| OEO5CH | Plain Ring Bezel - Chrome |




Suitable for use with the range of Evo Orb bulkheads

UK CA CE

## 12W IP65 LED Bulkhead - CCT

IP65 | WARRANTY 5 YEAR | CORRIDOR FUNCTION | MICROWAVE SENSOR

AVAILABLE FINISHES

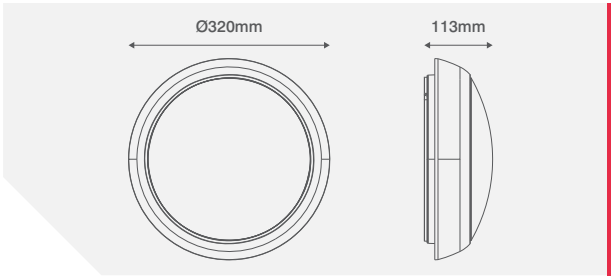
WHITE

CCT

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV9700WH12 | Bulkhead - Standard - White |
| OV9700WH12MW | Bulkhead - Microwave Sensor - White |




| PRODUCT INFO | | | |
|---|---|---|---|
| Circuit Wattage (W) | | 12 | |
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 950 | 1100 | 1050 |
| Lumens (lm) (Corridor) | 95 | 110 | 105 |
| Efficacy (lm/W) | 79 | 91 | 87 |
| CRI | | >80 | |
| Beam Angle (°) | | 107 | |
| LED Lifetime (Hrs) | | 30000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Operating Temp (°C) | | -15 to +50 | |

Complete push-fit terminals

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2

CE UKCA







## 12W IP65 LED Bulkhead - CCT

AVAILABLE FINISHES

WHITE

SELF TEST AVAILABLE | LI-ION | BATTERY WARRANTY 4 YEAR | EMERGENCY AVAILABLE | MICROWAVE SENSOR | CORRIDOR FUNCTION | WARRANTY 5 YEAR | IP65

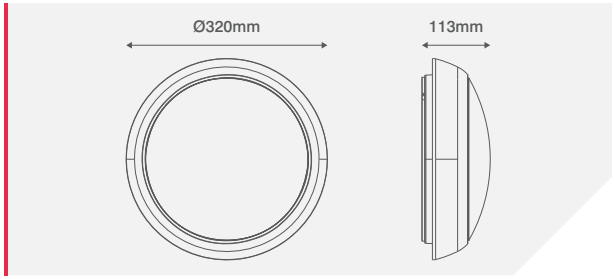
COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

CCT

| PRODUCT INFO | | | |
|---|---|---|---|
| Circuit Wattage (W) | | 14 | |
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 950 | 1100 | 1050 |
| Lumens (lm) (Corridor) | 95 | 110 | 105 |
| Lumens (lm) (Emergency) | | 98 | |
| Efficacy (lm/W) | 67 | 78 | 75 |
| CRI | | >80 | |
| Beam Angle (°) | | 107 | |
| LED Lifetime (Hrs) | | 30000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Operating Temp (°C) | | 0 to +50 | |

| CODE | DESCRIPTION |
|---|---|
| OV9700WH12EM | Bulkhead - Emergency - White |
| OV9700WH12EMMW | Bulkhead - Microwave Sensor & Emergency - White |
| OV9700WH12EMST | Bulkhead - Self-Test Emergency - White |
| OV9700WH12EMMWST | Bulkhead - Microwave Sensor & Self-Test Emergency - White |




Complete push-fit terminals

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 60598-2-22 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547

UKCA CE

## 16W IP65 LED Bulkhead - CCT

IP65 | WARRANTY 5 YEAR | CORRIDOR FUNCTION | MICROWAVE SENSOR

AVAILABLE FINISHES

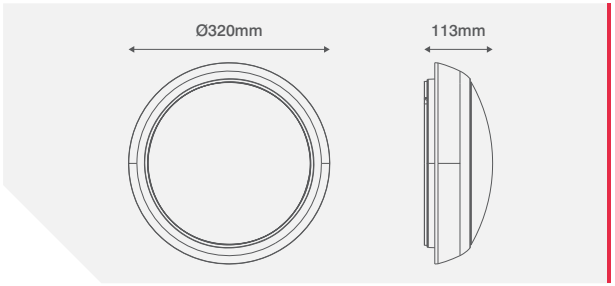
WHITE

CCT

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV9700WH16 | Bulkhead - Standard - White |
| OV9700WH16MW | Bulkhead - Microwave Sensor - White |




| PRODUCT INFO | | | |
|---|---|---|---|
| Circuit Wattage (W) | | 16 | |
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 1250 | 1500 | 1400 |
| Lumens (lm) (Corridor) | 125 | 150 | 140 |
| Efficacy (lm/W) | 78 | 93 | 87 |
| CRI | | >80 | |
| Beam Angle (°) | | 107 | |
| LED Lifetime (Hrs) | | 30000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Operating Temp (°C) | | -15 to +50 | |

Complete push-fit terminals

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2

CE UKCA











## 16W IP65 LED Bulkhead - CCT

AVAILABLE FINISHES

WHITE

SELF TEST AVAILABLE | LI-ION | BATTERY WARRANTY 4 YEAR | EMERGENCY AVAILABLE | MICROWAVE SENSOR | CORRIDOR FUNCTION | WARRANTY 5 YEAR | IP65

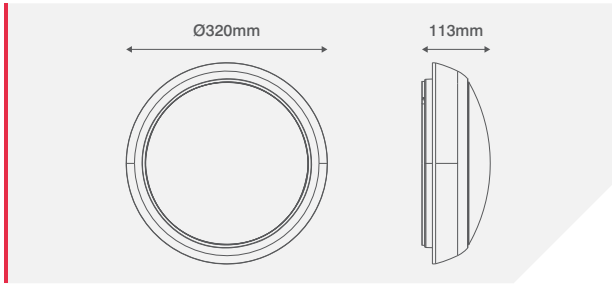
COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

CCT

| PRODUCT INFO | | | |
|---|---|---|---|
| Circuit Wattage (W) | | 18 | |
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 1250 | 1500 | 1400 |
| Lumens (lm) (Corridor) | 125 | 150 | 140 |
| Lumens (lm) (Emergency) | | 98 | |
| Efficacy (lm/W) | 69 | 83 | 87 |
| CRI | | >80 | |
| Beam Angle (°) | | 107 | |
| LED Lifetime (Hrs) | | 30000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Operating Temp (°C) | | 0 to +50 | |

| CODE | DESCRIPTION |
|---|---|
| OV9700WH16EM | Bulkhead - Emergency - White |
| OV9700WH16EMMW | Bulkhead - Microwave Sensor & Emergency - White |
| OV9700WH16EMST | Bulkhead - Self-Test Emergency - White |
| OV9700WH16EMMWST | Bulkhead - Microwave Sensor & Self-Test Emergency - White |




PRODUCT APPROVALS

Complete push-fit terminals

BS EN 60598-1 BS EN 60598-2-1 BS EN 60598-2-22 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547

UKCA CE

UTILITY

## 20W IP54 LED Bulkhead - CCT

IP54 | WARRANTY 5 YEAR | CORRIDOR FUNCTION | MICROWAVE SENSOR

AVAILABLE FINISHES

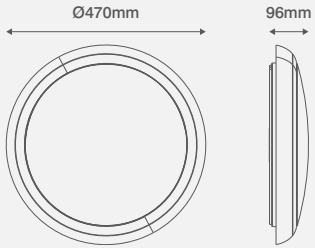
WHITE

CCT

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV9800WH | Bulkhead - Standard - White |
| OV9800WHMW | Bulkhead - Microwave Sensor - White |




| PRODUCT INFO | | | |
|---|---|---|---|
| Circuit Wattage (W) | | 20 | |
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 1700 | 1900 | 1950 |
| Lumens (lm) (Corridor) | 170 | 190 | 195 |
| Efficacy (lm/W) | 85 | 95 | 97 |
| CRI | | >80 | |
| Beam Angle (°) | | 110 | |
| LED Lifetime (Hrs) | | 30000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Operating Temp (°C) | | -15 to +50 | |

Complete push-fit terminals

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2

CE UKCA





UTILITY

## 20W IP54 LED Bulkhead - CCT

AVAILABLE FINISHES

WHITE

SELF TEST AVAILABLE | SELF TEST | LI-ION | BATTERY WARRANTY 4 YEAR | EMERGENCY AVAILABLE | MICROWAVE SENSOR | CORRIDOR FUNCTION | WARRANTY 5 YEAR | IP54

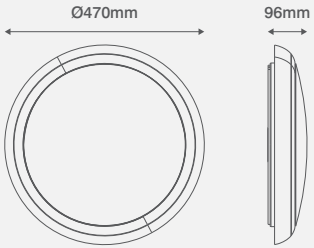
COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

CCT

| PRODUCT INFO | | | |
|---|---|---|---|
| Circuit Wattage (W) | | 22 | |
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 1700 | 1900 | 1950 |
| Lumens (lm) (Corridor) | 170 | 190 | 195 |
| Lumens (lm) (Emergency) | | 98 | |
| Efficacy (lm/W) | 77 | 86 | 88 |
| CRI | | >80 | |
| Beam Angle (°) | | 110 | |
| LED Lifetime (Hrs) | | 30000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Operating Temp (°C) | | 0 to +50 | |

| CODE | DESCRIPTION |
|---|---|
| OV9800WHEM | Bulkhead - Emergency - White |
| OV9800WHEMMW | Bulkhead - Microwave Sensor & Emergency - White |
| OV9800WHEMST | Bulkhead - Self-Test Emergency - White |
| OV9800WHEMMWST | Bulkhead - Microwave Sensor & Self-Test Emergency - White |




PRODUCT APPROVALS

Complete push-fit terminals

BS EN 60598-1 BS EN 60598-2-1 BS EN 60598-2-22 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547

UKCA CE

## 20W IP54 Dimmable LED Bulkhead - CCT

IP54 | WARRANTY 5 YEAR | DIMMABLE

AVAILABLE FINISHES

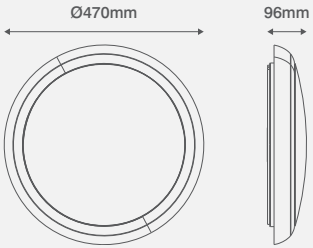
WHITE

CCT

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV9800WHDA | Bulkhead - Standard With DALI - White |
| OV9800WHSD | Bulkhead - Standard With Switch Dim - White |




| PRODUCT INFO | | | |
|---|---|---|---|
| Circuit Wattage (W) | | 20 | |
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 1700 | 1900 | 1950 |
| Efficacy (lm/W) | 85 | 95 | 97 |
| CRI | | >80 | |
| Beam Angle (°) | | 110 | |
| LED Lifetime (Hrs) | | 30000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Operating Temp (°C) | | -15 to +50 | |

Complete push-fit terminals

PRODUCT APPROVALS

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2 & BS EN 61000-3-3

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## 20W IP54 Dimmable LED Bulkhead - CCT

AVAILABLE FINISHES

WHITE

DIMMABLE | LI-ION | BATTERY WARRANTY 4 YEAR | EMERGENCY AVAILABLE | WARRANTY 5 YEAR | IP54

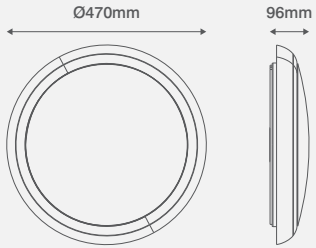
COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

CCT

| PRODUCT INFO | | | |
|---|---|---|---|
| Circuit Wattage (W) | | 22 | |
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 1700 | 1900 | 1950 |
| Lumens (lm) (Emergency) | | 98 | |
| Efficacy (lm/W) | 77 | 86 | 88 |
| CRI | | >80 | |
| Beam Angle (°) | | 110 | |
| LED Lifetime (Hrs) | | 30000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Operating Temp (°C) | | 0 to +50 | |

| CODE | DESCRIPTION |
|---|---|
| OV9800WHEMDA | Bulkhead - Emergency & DALI - White |
| OV9800WHEMSD | Bulkhead - Emergency & Switch Dim - White |




PRODUCT APPROVALS

Complete push-fit terminals

BS EN 60598-1; BS EN 60598-2-1; BS EN 60598-2-22; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2 &BS EN 61000-3-3

UKCA CE

## 10W IP65 LED Bulkhead - CCT

IP65 | WARRANTY 5 YEAR | CORRIDOR FUNCTION | MICROWAVE SENSOR | 120 BEAM ANGLE | 30000 LIFETIME

AVAILABLE FINISHES

WHITE

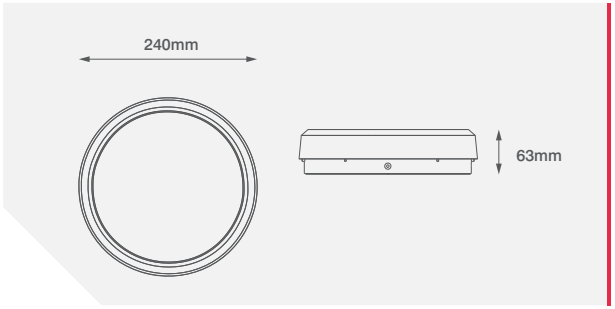


CCT

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV9110010 | Bulkhead - Standard - White |
| OV9110010MW | Bulkhead - Microwave Sensor - White |




| PRODUCT INFO | | | |
|---|---|---|---|
| Circuit Wattage (W) | | 10 | |
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 850 | 930 | 900 |
| Lumens (lm) (Corridor) | 850 | 930 | 900 |
| Efficacy (lm/W) | 85 | 93 | 90 |
| CRI | | >80 | |
| Beam Angle (°) | | 120 | |
| LED Lifetime (Hrs) | | 30000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Operating Temp (°C) | | -15 to +50 | |

Complete with push-fit terminals

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2 BS EN 61000-3-3

CE UKCA







## 10W IP65 LED Bulkhead - CCT

AVAILABLE FINISHES

WHITE

EMERGENCY AVAILABLE | BATTERY WARRANTY 4 YEAR | SELF TEST AVAILABLE | MICROWAVE SENSOR | CORRIDOR FUNCTION | WARRANTY 5 YEAR | IP65



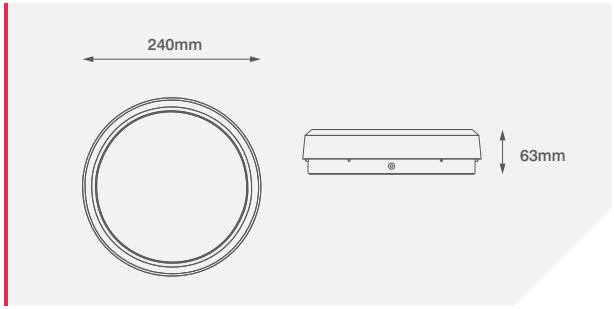
COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

CCT

| PRODUCT INFO | | | |
|---|---|---|---|
| Circuit Wattage (W) | | 12 | |
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 850 | 930 | 900 |
| Lumens (lm) (Corridor) | 850 | 930 | 900 |
| Lumens (lm) (Emergency) | | 90 | |
| Efficacy (lm/W) | 70 | 77 | 75 |
| CRI | | >80 | |
| Beam Angle (°) | | 120 | |
| LED Lifetime (Hrs) | | 30000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Operating Temp (°C) | | 0 to +50 | |

| CODE | DESCRIPTION |
|---|---|
| OV9110010EM | Bulkhead - Emergency - White |
| OV9110010MWEM | Bulkhead - Microwave Sensor & Emergency - White |
| OV9110010EMST | Bulkhead - Self-Test Emergency - White |
| OV9110010MWEMST | Bulkhead - Microwave Sensor & Self-Test Emergency - White |




Complete with push-fit terminals

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 60598-2-22 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547BS EN 61000-3-2 BS EN 61000-3-3

UKCA CE

## 16W IP65 LED Bulkhead - CCT

IP65 | WARRANTY 5 YEAR | CORRIDOR FUNCTION | MICROWAVE SENSOR

AVAILABLE FINISHES

WHITE

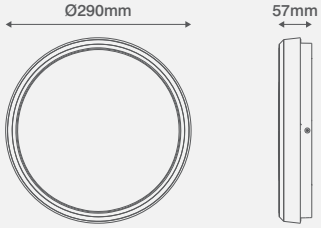


CCT

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV9110016 | Bulkhead - Standard - White |
| OV9110016MW | Bulkhead - Microwave Sensor - White |




| PRODUCT INFO | | | |
|---|---|---|---|
| Circuit Wattage (W) | | 16 | |
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 1440 | 1500 | 1480 |
| Lumens (lm) (Corridor) | 144 | 150 | 148 |
| Efficacy (lm/W) | 90 | 93 | 92 |
| CRI | | >80 | |
| Beam Angle (°) | | 112 | |
| LED Lifetime (Hrs) | | 30000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Operating Temp (°C) | | -15 to +50 | |

Complete with push-fit terminals

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2

CE UKCA







## 16W IP65 LED Bulkhead - CCT

AVAILABLE FINISHES

WHITE

SELF TEST AVAILABLE | LI-ION | BATTERY WARRANTY 4 YEAR | EMERGENCY AVAILABLE | MICROWAVE SENSOR | CORRIDOR FUNCTION | WARRANTY 5 YEAR | IP65

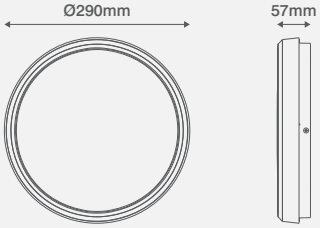
COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

CCT

| PRODUCT INFO | | | |
|---|---|---|---|
| Circuit Wattage (W) | | 18 | |
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 1440 | 1500 | 1480 |
| Lumens (lm) (Corridor) | 144 | 150 | 148 |
| Lumens (lm) (Emergency) | | 95 | |
| Efficacy (lm/W) | 80 | 83 | 82 |
| CRI | | >80 | |
| Beam Angle (°) | | 112 | |
| LED Lifetime (Hrs) | | 30000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Operating Temp (°C) | | 0 to +50 | |

| CODE | DESCRIPTION |
|---|---|
| OV9110016EM | Bulkhead - Emergency - White |
| OV9110016MWEM | Bulkhead - Microwave Sensor & Emergency - White |
| OV9110016EMST | Bulkhead - Self-Test Emergency - White |
| OV9110016MWEMST | Bulkhead - Microwave Sensor & Self-Test Emergency - White |




Complete with push-fit terminals

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 60598-2-22 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547

UKCA CE

## IP54 Oval Bulkhead - E27 60W Max.

IP54 | WARRANTY 1 YEAR | BESA BOX MOUNTABLE

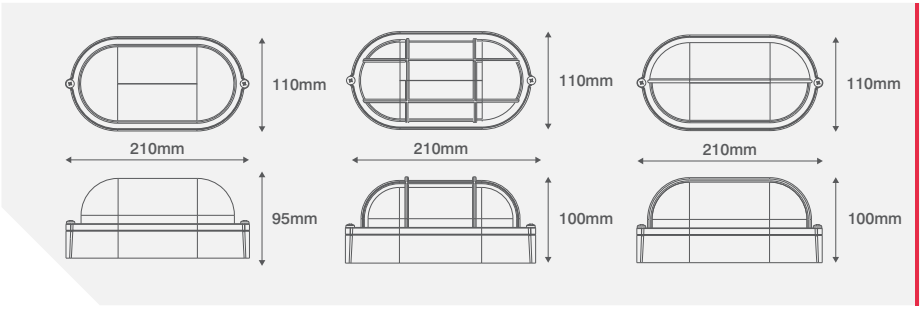
AVAILABLE FINISHES

BLACK | WHITE

| CODE | DESCRIPTION |
|---|---|
| OVOL400BK | E27 Standard Bulkhead - Black |
| OVOL400WH | E27 Standard Bulkhead - White |
| OVOL410BK | E27 Bulkhead With Guard - Black |
| OVOL410WH | E27 Bulkhead With Guard - White |
| OVOL420BK | E27 Bulkhead With Eyelid - Black |
| OVOL420WH | E27 Bulkhead With Eyelid - White |

PRODUCT INFO

| | |
|---|---|
| Wattage (W) | 60 |
| Voltage (AC) | 220-240 |
| Lamp Holder Type | E27 / ES |




PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1





## IP54 Round Bulkhead - E27 60W Max.

AVAILABLE FINISHES

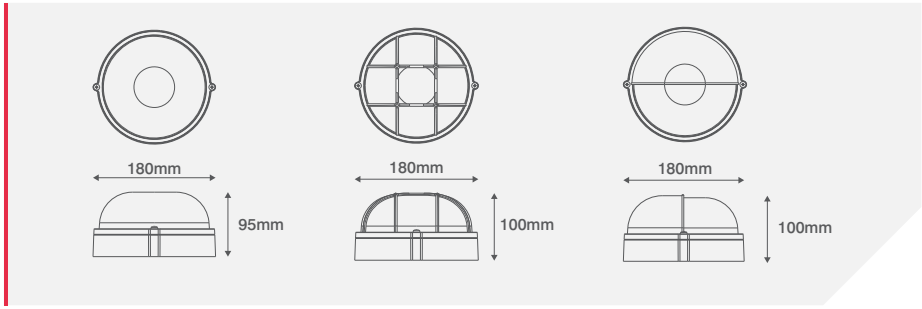
WHITE | BLACK

BESA BOX MOUNTABLE | WARRANTY 1 YEAR | IP54

PRODUCT INFO

| | |
|---|---|
| Wattage (W) | 60 |
| Voltage (AC) | 220-240 |
| Lamp Holder Type | E27 / ES |

| CODE | DESCRIPTION |
|---|---|
| OVOL405BK | E27 Standard Bulkhead - Black |
| OVOL405WH | E27 Standard Bulkhead - White |
| OVOL415BK | E27 Bulkhead With Guard - Black |
| OVOL415WH | E27 Bulkhead With Guard - White |
| OVOL425BK | E27 Bulkhead With Eyelid - Black |
| OVOL425WH | E27 Bulkhead With Eyelid - White |




PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1

## 15W IP65 LED Oval Bulkhead - CCT

IP65 | WARRANTY 2 YEAR | BESA BOX MOUNTABLE

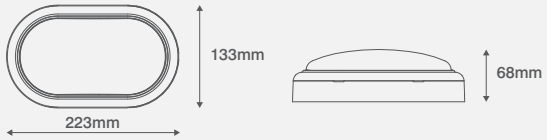
AVAILABLE FINISHES: BLACK, WHITE

CCT

COLOUR TEMPERATURE: WARM WHITE, COOL WHITE, DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV15B | Oval Bulkhead - Black |
| OV15W | Oval Bulkhead - White |

| PRODUCT INFO | | | |
|---|---|---|---|
| Circuit Wattage (W) | | 15 | |
| CCT (K) | 3000 | 4000 | 6500 |
| Lumens (lm) | 1500 | 1650 | 1500 |
| Efficacy (lm/W) | 100 | 110 | 100 |
| CRI | | >80 | |
| Beam Angle (°) | | 110 | |
| LED Lifetime (Hrs) | | 25000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Operating Temp (°C) | | -25 to +35 | |




3 x 10mm Side Cable Entries

PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-1; BS EN 55015; BS EN 61547; BS EN 61000-3-2; BS EN 61000-3-3

CE UKCA







## 15W IP54 LED Oval Bulkhead With PIR - CCT

AVAILABLE FINISHES: WHITE, BLACK

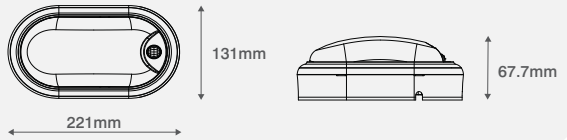
BESA BOX MOUNTABLE | PIR | WARRANTY 2 YEAR | IP54

CCT

COLOUR TEMPERATURE: WARM WHITE, COOL WHITE, DAYLIGHT

| PRODUCT INFO | | | |
|---|---|---|---|
| Circuit Wattage (W) | | 15 | |
| CCT (K) | 3000 | 4000 | 6500 |
| Lumens (lm) | 1500 | 1650 | 1500 |
| Detection Distance (M) | | 6 | |
| Efficacy (lm/W) | 100 | 110 | 100 |
| CRI | | >80 | |
| Beam Angle (°) | | 110 | |
| LED Lifetime (Hrs) | | 25000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Operating Temp (°C) | | -25 to +35 | |
| Daylight Sensitivity (lux) | | 5 | |

| CODE | DESCRIPTION |
|---|---|
| OV15BPIR | Oval Bulkhead - PIR - Black |
| OV15WPIR | Oval Bulkhead - PIR - White |




PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-1; BS EN 55015; BS EN 61547; BS EN 61000-3-2; BS EN 61000-3-3

3 x 10mm Side Cable Entries

UKCA CE

## 5W IP65 LED Bulkhead - CCT

IP65 | WARRANTY 3 YEAR | PIR

CCT

AVAILABLE FINISHES

BLACK

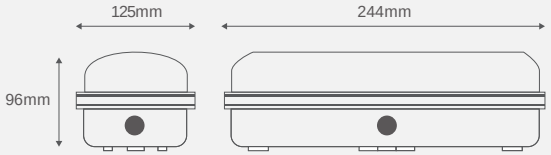
COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OR5 | Bulkhead - Standard - Black |
| OR5-PC | Bulkhead - Photocell - Black |
| OR5BT | 5W REX Bulkhead Black Trim |
| OR5RD | 5W REX Bulkhead Red Diffuser |

PRODUCT INFO

| | | | |
|---|---|---|---|
| Circuit Wattage (W) | | 5 | |
| CCT (K) | 3000 | 4000 | 6500 |
| Lumens (lm) | 400 | 450 | 420 |
| Efficacy (lm/W) | 90 | 105 | 95 |
| CRI | | 80 | |
| Beam Angle (°) | | 120 | |
| LED Lifetime (Hrs) | | 54000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Operating Temp (°C) | | -20 to +40 | |




Complete with 4 knockouts and push-fit terminals

PRODUCT APPROVALS

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2 & BS EN 61000-3-3

CE UKCA







## 5W IP65 LED Bulkhead - CCT

AVAILABLE FINISHES

BLACK

EMERGENCY AVAILABLE | WARRANTY 3 YEAR | IP65

CCT

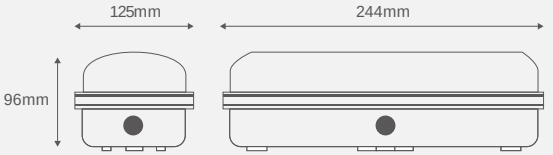
COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

PRODUCT INFO

| | | | |
|---|---|---|---|
| Circuit Wattage (W) | | 7.5 | |
| CCT (K) | 3000 | 4000 | 6500 |
| Lumens (lm) | 440 | 490 | 480 |
| Emergency Lumens (lm) | | 265 | |
| Efficacy (lm/W) | 59 | 67 | 65 |
| CRI | | 80 | |
| Beam Angle (°) | | 110 | |
| LED Lifetime (Hrs) | | 54000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Operating Temp (°C) | | 0 to +40 | |

| CODE | DESCRIPTION |
|---|---|
| OR5-E | Bulkhead - Emergency - Black |
| OR5BT | 5W REX Bulkhead Black Trim |
| OR5RD | 5W REX Bulkhead Red Diffuser |




PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-1; BS EN 60598-2-22; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2 &BS EN 61000-3-3

Complete with 4 knockouts and push-fit terminals

UKCA CE

# INCEPTOR® RIO

5 YR WARRANTY | IP44 | BESA BOX MOUNTABLE | <19 UGR

## Multi-Current Linear Batten LED Luminaires

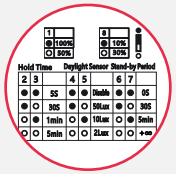
## 2 Sizes

Slim design, available in 2 lengths

1200mm (4ft) & 1500mm (5ft)

## Corridor Function

Save Energy and money with the Corridor Versions of the Rio. The facility offers 10% and 30% settings via DIP switches.




## CCT Switch

All models include a CCT switch allowing the product to change colour temperature between Warm White 3000K Cool White 4000K and Daylight 6000K

## Push Fit / Piano Key Terminal Block

4 pole fast fit / piano key terminal block with cord grip installed.

## Multicurrent Driver

Standard and Emergency versions can change Wattage between 18W, 22W, 27W, 31W
Microwave versions can change Wattage between 23W, 29W, 34W, 40W.

CIBSE LIGHTING INDUSTRY ASSOCIATION | ON SITE WARRANTY

### Steel Base

Robust base with BESA, Conduit box, and suspension cable mounting capabilities.

### Cable management

Tidy and neat internal cables

### End Caps with quarter turn locks

Quick release for the diffuser

### Multi Current Driver

Change lumen and wattage to suit each individual application

### Emergency Battery Back up

Ensures there is lighting in case of emergency

### Push Fit Terminals

Providing hassle free and quick installations

### Microwave Sensor (If applicable)

Energy Saving option with the motion detection sensor

### LED Strips

### CCT Switch

Allows colour temperature change of the LEDs

### UGR <19 Diffuser

Reduces glare and provides more comfort to the human eye.

Microwave Sensor Version Available

Emergency Version Available

**100,000 Hours** Lifetime

Corridor Function Version

## 18-31W Multi-Current Linear Batten LED Luminaires - 1200mm (4ft)

IP44 | WARRANTY 5 YEAR | EMERGENCY AVAILABLE | <19 UGR | BESA BOX MOUNTABLE

AVAILABLE FINISHES

WHITE

CCT | ON SITE WARRANTY

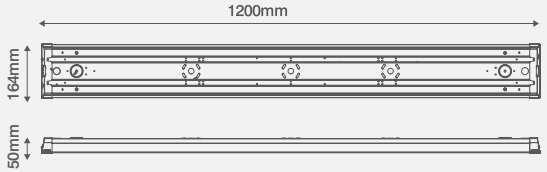
COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OXR431 | 18-31W 1200mm Linear Batten LED Luminaire |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OSUSY15 | 2 x Y Shaped Suspension Cable for Linear Luminaires | See page 276 |




PRODUCT INFO

| | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Circuit Wattage (W) | 18/22/27/31 | | |
| 18W Lumens (lm) | 2160 | 2250 | 2160 |
| 22W Lumens (lm) | 2640 | 2750 | 2640 |
| 27W Lumens (lm) | 3240 | 3370 | 3240 |
| 31W Lumens (lm) | 3700 | 3870 | 3700 |
| Efficacy (lm/W) | 120 | 125 | 120 |
| CRI | 80 | | |
| Beam Angle (°) | 90 | | |
| LED Lifetime (Hrs) | 100000 | | |
| Voltage (AC) | 220-240 | | |
| Frequency (Hz) | 50/60 | | |
| Dimmable | No | | |
| Operating Temp (°C) | -20 to +40 | | |

PRODUCT APPROVALS

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2 & BS EN 61000-3-3

CE | UKCA







## 18-31W Multi-Current Linear Batten LED Luminaires - 1200mm (4ft)

AVAILABLE FINISHES

WHITE

BESA BOX MOUNTABLE | <19 UGR | CORRIDOR FUNCTION | MICROWAVE SENSOR | EMERGENCY AVAILABLE | WARRANTY 5 YEAR | IP44

ON SITE WARRANTY | CCT

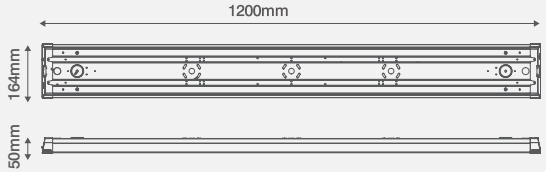
COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OXR431-M | 18-31W 1200mm Linear Batten LED Luminaire - Microwave Sensor |
| OXR431-E | 18-31W 1200mm Linear Batten LED Luminaire - Emergency |
| OXR431-ME | 18-31W 1200mm Linear Batten LED Luminaire - Microwave Sensor & Emergency |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OSUSY15 | 2 x Y Shaped Suspension Cable for Linear Luminaires | See page 276 |




PRODUCT INFO

| | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Circuit Wattage (W) | 18/22/27/31 | | |
| 18W Lumens (lm) | 1980 | 2070 | 1980 |
| 22W Lumens (lm) | 2420 | 2500 | 2400 |
| 27W Lumens (lm) | 2970 | 3100 | 2970 |
| 31W Lumens (lm) | 3400 | 3560 | 3400 |
| Lumens (lm) (Emergency) | 250 | | |
| Efficacy (lm/W) | 110 | 115 | 110 |
| CRI | 80 | | |
| Beam Angle (°) | 90 | | |
| LED Lifetime (Hrs) | 100000 | | |
| Voltage (AC) | 220-240 | | |
| Frequency (Hz) | 50/60 | | |
| Dimmable | Yes Corridor Function | | |
| Operating Temp (°C) | 0 to +40 | | |

PRODUCT APPROVALS

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2 & BS EN 61000-3-3

UKCA | CE

## 23-40W Multi-Current Linear Batten LED Luminaires - 1500mm (5ft)

IP44 | WARRANTY 5 YEAR | EMERGENCY AVAILABLE | <19 UGR | BESA BOX MOUNTABLE

AVAILABLE FINISHES

WHITE

CCT | ON SITE WARRANTY

COLOUR TEMPERATURE

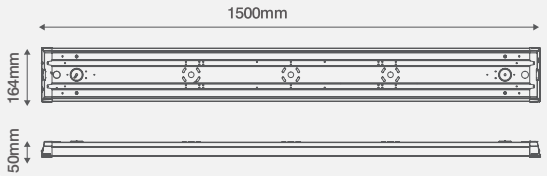
WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OXR540 | 23-40W 1500mm Linear Batten LED Luminaire |

| PRODUCT INFO | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Circuit Wattage (W) | 23/29/34/40 | | |
| 23W Lumens (lm) | 2760 | 2875 | 2760 |
| 29W Lumens (lm) | 3480 | 3625 | 3480 |
| 34W Lumens (lm) | 4080 | 4250 | 4080 |
| 40W Lumens (lm) | 4800 | 5000 | 4800 |
| Efficacy (lm/W) | 120 | 125 | 120 |
| CRI | 80 | | |
| Beam Angle (°) | 90 | | |
| LED Lifetime (Hrs) | 100000 | | |
| Voltage (AC) | 220-240 | | |
| Frequency (Hz) | 50/60 | | |
| Dimmable | No | | |
| Operating Temp (°C) | -20 to +40 | | |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OSUSY15 | 2 x Y Shaped Suspension Cable for Linear Luminaires | See page 276 |




PRODUCT APPROVALS

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2 & BS EN 61000-3-3

CE | UKCA







## 23-40W Multi-Current Linear Batten LED Luminaires - 1500mm (5ft)

AVAILABLE FINISHES

WHITE

BESA BOX MOUNTABLE | <19 UGR | CORRIDOR FUNCTION | MICROWAVE SENSOR | EMERGENCY AVAILABLE | WARRANTY 5 YEAR | IP44

ON SITE WARRANTY | CCT

COLOUR TEMPERATURE

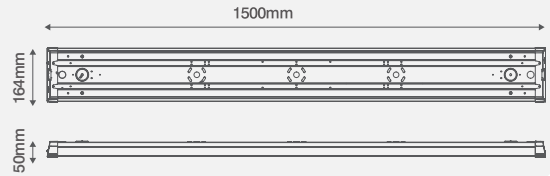
WARM WHITE | COOL WHITE | DAYLIGHT

| PRODUCT INFO | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Circuit Wattage (W) | 23/29/34/40 | | |
| 23W Lumens (lm) | 2530 | 2645 | 2530 |
| 29W Lumens (lm) | 3190 | 3300 | 3190 |
| 34W Lumens (lm) | 3740 | 3900 | 3740 |
| 40W Lumens (lm) | 4400 | 4600 | 4400 |
| Lumens (lm) (Emergency) | 250 | | |
| Efficacy (lm/W) | 110 | 115 | 110 |
| CRI | 80 | | |
| Beam Angle (°) | 90 | | |
| LED Lifetime (Hrs) | 100000 | | |
| Voltage (AC) | 220-240 | | |
| Frequency (Hz) | 50/60 | | |
| Dimmable | Yes Corridor Function | | |
| Operating Temp (°C) | 0 to +40 | | |

| CODE | DESCRIPTION |
|---|---|
| OXR540-M | 23-40W 1500mm Linear Batten LED Luminaire - Microwave Sensor |
| OXR540-E | 23-40W 1500mm Linear Batten LED Luminaire - Emergency |
| OXR540-ME | 23-40W 1500mm Linear Batten LED Luminaire - Microwave Sensor & Emergency |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OSUSY15 | 2 x Y Shaped Suspension Cable for Linear Luminaires | See page 276 |




PRODUCT APPROVALS

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2 & BS EN 61000-3-3

UKCA | CE

# INCEPTOR® A-LITE

5 YR WARRANTY | IP20 | TP(b) | BESA BOX MOUNTABLE

## College LED Linear Batten

Created for the education market, the new LED Linear Batten is available in Emergency and Microwave sensor versions. 600mm fixing centres across the full range allows retro fit of many batten brands.

## 2 lengths



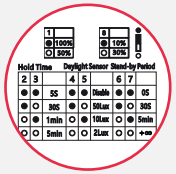
1200mm (4ft)



1500mm (5ft)

## Corridor Function

Save Energy and money with the Corridor Versions of the A-Lite. **The facility offers 10% and 30% settings via DIP switches.**




## CCT Switch

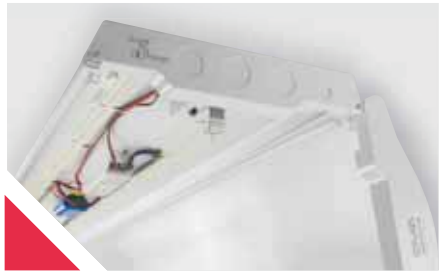
All models include a CCT switch allowing the product to change colour temperature between Warm White 3000K Cool White 4000K and Daylight 6000K

## Lithium Battery

Favoured for its safety, economy and efficiency our Emergency versions come supplied with Lithium batteries.
**Lithium batteries benefit from being more energy efficient and have a longer life making them perfect for our Emergency products within this range.**

## Hinged Diffuser

Quarter turn locks paired with a hinged diffuser allows for quick and easy installation.



## Push Fit / Piano Key Terminal Block

Fast, simple and clear installation.

Steel Hinge

Polycarbonate Base End Cap

With conduit knockouts holes (20mm)

Steel Base

Robust base with BESA mounting/Conduit box capability.

Quarter Turn Lock

LED Strips

Piano Key Terminals

For easy wiring and quick installation.

CCT Switch

Allows colour temperature change of LEDs

Emergency Converter

Battery Pack (If Applicable)

Ensures there is lighting in case of emergency.

Frosted Ribbed Polycarbonate Hinged Diffuser

Dispenses light outwards with quick easy access to internals.

Polycarbonate Diffuser End Cap

CIBSE LIGHTING INDUSTRY ASSOCIATION | ON SITE WARRANTY

Microwave Sensor Version Available

Emergency Version Available

**50,000 Hours** Lifetime

Corridor Function Version

## 17W Linear LED Battens - CCT - 1200mm (4ft)

IP20 | WARRANTY 5 YEAR | CORRIDOR FUNCTION | MICROWAVE SENSOR | FLAME RESISTANCE TP(b) | BESA BOX MOUNTABLE

AVAILABLE FINISHES

WHITE

CCT | ON SITE WARRANTY

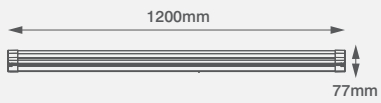
COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV841217CTA | 1200mm LED Batten |
| OV841217MWCTA | 1200mm LED Batten With Microwave Sensor Having Corridor Function |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVEMB7418LI | 7.4V 1800mAh LiFePo4 Battery – Serial | See page 276 |




PRODUCT INFO

| | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 1800 | 2000 | 1900 |
| Efficacy (lm/W) | 105 | 120 | 115 |
| Wattage (W) | | 17 | |
| CRI | | >80 | |
| Beam Angle (°) | | 120 | |
| LED Lifetime (Hrs) | | 50000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Dimmable | | No | |
| Operating Temp (°C) | | -20 to +60 | |
| Corridor Function | | 10% & 30% | |

Diffuser Hinged With Base
Microwave Sensor offers Corridor Function facility

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2

CE | UKCA







## 17W Linear LED Battens - CCT - 1200mm (4ft)

AVAILABLE FINISHES

WHITE

BESA BOX MOUNTABLE | LI-ION | FLAME RESISTANCE TP(b) | EMERGENCY AVAILABLE | BATTERY WARRANTY 4 YEAR | MICROWAVE SENSOR | CORRIDOR FUNCTION | WARRANTY 5 YEAR | IP20

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

ON SITE WARRANTY | CCT

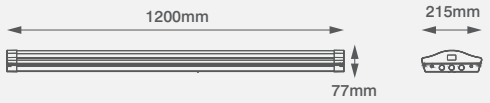
PRODUCT INFO

| | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 1800 | 2000 | 1900 |
| Lumens (lm) (Emergency) | | 240 | |
| Efficacy (lm/W) | 100 | 110 | 105 |
| Wattage (W) | | 19 | |
| CRI | | >80 | |
| Beam Angle (°) | | 120 | |
| LED Lifetime (Hrs) | | 50000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Dimmable | | No | |
| Operating Temp (°C) | | 0 to +60 | |
| Corridor Function | | 10% & 30% | |

| CODE | DESCRIPTION |
|---|---|
| OV841217EMCTA | 1200mm LED Batten With Emergency |
| OV841217MWEMCTA | 1200mm LED Batten With Microwave Sensor Having Corridor Function & Emergency |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVEMB7418LI | 7.4V 1800mAh LiFePo4 Battery – Serial | See page 276 |




Diffuser Hinged With Base
Microwave Sensor offers Corridor Function facility

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2

UKCA | CE

## 17W Dimmable Linear LED Battens - CCT - 1200mm (4ft)

IP20 | WARRANTY 5 YEAR | CORRIDOR FUNCTION | MICROWAVE SENSOR | FLAME RESISTANCE TP(b) | BESA BOX MOUNTABLE

AVAILABLE FINISHES

WHITE

CCT | ON SITE WARRANTY

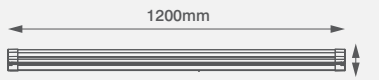
COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV841217CTADA | 1200mm LED Batten With DALI |
| OV841217CTASD | 1200mm LED Batten With Switch Dim |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVEMB7418LI | 7.4V 1800mAh LiFePo4 Battery – Serial | See page 276 |




PRODUCT INFO

| | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 1800 | 2000 | 1900 |
| Efficacy (lm/W) | 105 | 120 | 115 |
| Wattage (W) | | 17 | |
| CRI | | >80 | |
| Beam Angle (°) | | 120 | |
| LED Lifetime (Hrs) | | 50000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Dimmable | | Yes | |
| Operating Temp (°C) | | -20 to +60 | |
| Corridor Function | | 10% & 30% | |

Diffuser Hinged With Base

PRODUCT APPROVALS

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2 & BS EN 61000-3-3

CE | UKCA







## 17W Dimmable Linear LED Battens - CCT - 1200mm (4ft)

AVAILABLE FINISHES

WHITE

BESA BOX MOUNTABLE | LI-ION | FLAME RESISTANCE TP(b) | EMERGENCY AVAILABLE | BATTERY WARRANTY 4 YEAR | MICROWAVE SENSOR | CORRIDOR FUNCTION | WARRANTY 5 YEAR | IP20

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

ON SITE WARRANTY | CCT

PRODUCT INFO

| | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 1800 | 2000 | 1900 |
| Lumens (lm) (Emergency) | | 240 | |
| Efficacy (lm/W) | 100 | 110 | 105 |
| Wattage (W) | | 19 | |
| CRI | | >80 | |
| Beam Angle (°) | | 120 | |
| LED Lifetime (Hrs) | | 50000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Dimmable | | Yes | |
| Operating Temp (°C) | | 0 to +60 | |
| Corridor Function | | 10% & 30% | |

| CODE | DESCRIPTION | |
|---|---|---|
| OV841217DEMCTADA | 1200mm LED Batten With DALI Emergency & DALI | |
| OV841217EMCTADA | 1200mm LED Batten With Emergency & DALI | |
| OV841217EMCTASD | 1200mm LED Batten With Emergency & Switch Dim | |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVEMB7418LI | 7.4V 1800mAh LiFePo4 Battery – Serial | See page 276 |
| OSUSY15 | 2 x Y Shaped Suspension Cable for Linear Luminaires | See page 276 |

Diffuser Hinged With Base

PRODUCT APPROVALS

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2 & BS EN 61000-3-3

UKCA | CE

## 32W Linear LED Battens - CCT - 1200mm (4ft)

IP20 | WARRANTY 5 YEAR | CORRIDOR FUNCTION | MICROWAVE SENSOR | FLAME RESISTANCE TP(b) | BESA BOX MOUNTABLE

AVAILABLE FINISHES

WHITE

CCT | ON SITE WARRANTY

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV841232CTA | 1200mm LED Batten |
| OV841232MWCTA | 1200mm LED Batten With Microwave Sensor Having Corridor Function |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVEMB7418LI | 7.4V 1800mAh LiFePo4 Battery – Serial | See page 276 |

| PRODUCT INFO | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 3400 | 3800 | 3600 |
| Efficacy (lm/W) | 105 | 120 | 115 |
| Wattage (W) | 32 | | |
| CRI | >80 | | |
| Beam Angle (°) | 120 | | |
| LED Lifetime (Hrs) | 50000 | | |
| Voltage (AC) | 220-240 | | |
| Frequency (Hz) | 50 | | |
| Dimmable | No | | |
| Operating Temp (°C) | -20 to +60 | | |
| Corridor Function | 10% & 30% | | |

Diffuser Hinged With Base
Microwave Sensor offers Corridor Function facility

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2







## 32W Linear LED Battens - CCT - 1200mm (4ft)

AVAILABLE FINISHES

WHITE

BESA BOX MOUNTABLE | LI-ION | FLAME RESISTANCE TP(b) | EMERGENCY AVAILABLE | BATTERY WARRANTY 4 YEAR | MICROWAVE SENSOR | CORRIDOR FUNCTION | WARRANTY 5 YEAR | IP20

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

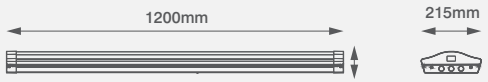
ON SITE WARRANTY | CCT

| PRODUCT INFO | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 3400 | 3800 | 3600 |
| Lumens (lm) (Emergency) | 480 | | |
| Efficacy (lm/W) | 100 | 110 | 105 |
| Wattage (W) | 34 | | |
| CRI | >80 | | |
| Beam Angle (°) | 120 | | |
| LED Lifetime (Hrs) | 50000 | | |
| Voltage (AC) | 220-240 | | |
| Frequency (Hz) | 50 | | |
| Dimmable | No | | |
| Operating Temp (°C) | 0 to +60 | | |
| Corridor Function | 10% & 30% | | |

| CODE | DESCRIPTION | |
|---|---|---|
| OV841232EMCTA | 1200mm LED Batten With Emergency | |
| OV841232MWEMCTA | 1200mm LED Batten With Microwave Sensor Having Corridor Function & Emergency | |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVEMB11120LIS | 11.1V 2000mAh LiFePo4 Battery - Serial | See page 276 |
| OSUSY15 | 2 x Y Shaped Suspension Cable for Linear Luminaires | See page 276 |




Diffuser Hinged With Base
Microwave Sensor offers Corridor Function facility

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2

## 32W Dimmable Linear LED Battens - CCT - 1200mm (4ft)

IP20 | WARRANTY 5 YEAR | CORRIDOR FUNCTION | MICROWAVE SENSOR | FLAME RESISTANCE TP(b) | BESA BOX MOUNTABLE

AVAILABLE FINISHES

WHITE

CCT | ON SITE WARRANTY

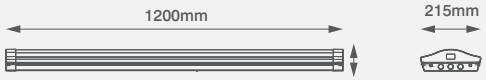
COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV841232CTADA | 1200mm LED Batten With DALI |
| OV841232CTASD | 1200mm LED Batten With Switch Dim |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVEMB7418LI | 7.4V 1800mAh LiFePo4 Battery – Serial | See page 276 |




PRODUCT INFO

| | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 3400 | 3800 | 3600 |
| Efficacy (lm/W) | 105 | 120 | 115 |
| Wattage (W) | | 32 | |
| CRI | | >80 | |
| Beam Angle (°) | | 120 | |
| LED Lifetime (Hrs) | | 50000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Dimmable | | Yes | |
| Operating Temp (°C) | | -20 to +60 | |
| Corridor Function | | 10% & 30% | |

Diffuser Hinged With Base

PRODUCT APPROVALS

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2 & BS EN 61000-3-3

CE | UKCA







## 32W Dimmable Linear LED Battens - CCT - 1200mm (4ft)

AVAILABLE FINISHES

WHITE

BESA BOX MOUNTABLE | LI-ION | FLAME RESISTANCE TP(b) | EMERGENCY AVAILABLE | BATTERY WARRANTY 4 YEAR | MICROWAVE SENSOR | CORRIDOR FUNCTION | WARRANTY 5 YEAR | IP20

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

ON SITE WARRANTY | CCT

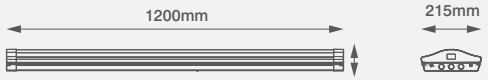
PRODUCT INFO

| | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 3400 | 3800 | 3600 |
| Lumens (lm) (Emergency) | | 480 | |
| Efficacy (lm/W) | 100 | 110 | 105 |
| Wattage (W) | | 34 | |
| CRI | | >80 | |
| Beam Angle (°) | | 120 | |
| LED Lifetime (Hrs) | | 50000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Dimmable | | Yes | |
| Operating Temp (°C) | | 0 to +60 | |
| Corridor Function | | 10% & 30% | |

| CODE | DESCRIPTION | |
|---|---|---|
| OV841232DEMCTADA | 1200mm LED Batten With DALI Emergency & DALI | |
| OV841232EMCTADA | 1200mm LED Batten With Emergency & DALI | |
| OV841232EMCTASD | 1200mm LED Batten With Emergency & Switch Dim | |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVEMB11120LIS | 11.1V 2000mAh LiFePo4 Battery - Serial | See page 276 |
| OSUSY15 | 2 x Y Shaped Suspension Cable for Linear Luminaires | See page 276 |




Diffuser Hinged With Base

PRODUCT APPROVALS

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2 & BS EN 61000-3-3

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## 25W Linear LED Battens - CCT - 1500mm (5ft)

IP20 | WARRANTY 5 YEAR | CORRIDOR FUNCTION | MICROWAVE SENSOR | FLAME RESISTANCE TP(b) | BESA BOX MOUNTABLE

AVAILABLE FINISHES

WHITE

CCT | ON SITE WARRANTY

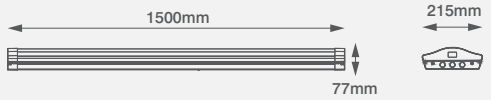
COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV841525CTA | 1500mm LED Batten |
| OV841525MWCTA | 1500mm LED Batten With Microwave Sensor Having Corridor Function |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVEMB7418LI | 7.4V 1800mAh LiFePo4 Battery – Serial | See page 276 |




| PRODUCT INFO | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 2600 | 2950 | 2800 |
| Efficacy (lm/W) | 105 | 120 | 115 |
| Wattage (W) | 25 | | |
| CRI | >80 | | |
| Beam Angle (°) | 120 | | |
| LED Lifetime (Hrs) | 50000 | | |
| Voltage (AC) | 220-240 | | |
| Frequency (Hz) | 50 | | |
| Dimmable | No | | |
| Operating Temp (°C) | -20 to +60 | | |
| Corridor Function | 10% & 30% | | |

Diffuser Hinged With Base
Microwave Sensor offers Corridor Function facility

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2

CE | UKCA







## 25W Linear LED Battens - CCT - 1500mm (5ft)

AVAILABLE FINISHES

WHITE

BESA BOX MOUNTABLE | LI-ION | FLAME RESISTANCE TP(b) | EMERGENCY AVAILABLE | BATTERY WARRANTY 4 YEAR | MICROWAVE SENSOR | CORRIDOR FUNCTION | WARRANTY 5 YEAR | IP20

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

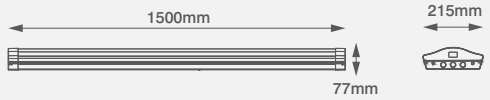
ON SITE WARRANTY | CCT

| PRODUCT INFO | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 2600 | 2950 | 2800 |
| Lumens (lm) (Emergency) | 240 | | |
| Efficacy (lm/W) | 100 | 110 | 105 |
| Wattage (W) | 27 | | |
| CRI | >80 | | |
| Beam Angle (°) | 120 | | |
| LED Lifetime (Hrs) | 50000 | | |
| Voltage (AC) | 220-240 | | |
| Frequency (Hz) | 50 | | |
| Dimmable | No | | |
| Operating Temp (°C) | 0 to +60 | | |
| Corridor Function | 10% & 30% | | |

| CODE | DESCRIPTION | |
|---|---|---|
| OV841525EMCTA | 1500mm LED Batten With Emergency | |
| OV841525MWEMCTA | 1500mm LED Batten With Microwave Sensor Having Corridor Function & Emergency | |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVEMB7418LI | 7.4V 1800mAh LiFePo4 Battery – Serial | See page 276 |
| OSUSY15 | 2 x Y Shaped Suspension Cable for Linear Luminaires | See page 276 |




Diffuser Hinged With Base
Microwave Sensor offers Corridor Function facility

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2

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## 25W Dimmable Linear LED Battens - CCT - 1500mm (5ft)

IP20 | WARRANTY 5 YEAR | CORRIDOR FUNCTION | MICROWAVE SENSOR | FLAME RESISTANCE TP(b) | BESA BOX MOUNTABLE

AVAILABLE FINISHES

WHITE

CCT | ON SITE WARRANTY

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV841525CTADA | 1500mm LED Batten With DALI |
| OV841525CTASD | 1500mm LED Batten With Switch Dim |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVEMB7418LI | 7.4V 1800mAh LiFePo4 Battery – Serial | See page 276 |

PRODUCT INFO

| | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 2600 | 2950 | 2800 |
| Efficacy (lm/W) | 105 | 120 | 115 |
| Wattage (W) | | 25 | |
| CRI | | >80 | |
| Beam Angle (°) | | 120 | |
| LED Lifetime (Hrs) | | 50000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Dimmable | | Yes | |
| Operating Temp (°C) | | -20 to +60 | |
| Corridor Function | | 10% & 30% | |

Diffuser Hinged With Base

PRODUCT APPROVALS

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2 & BS EN 61000-3-3

CE | UKCA







## 25W Dimmable Linear LED Battens - CCT - 1500mm (5ft)

AVAILABLE FINISHES

WHITE

BESA BOX MOUNTABLE | LI-ION | FLAME RESISTANCE TP(b) | EMERGENCY AVAILABLE | BATTERY WARRANTY 4 YEAR | MICROWAVE SENSOR | CORRIDOR FUNCTION | WARRANTY 5 YEAR | IP20

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

ON SITE WARRANTY | CCT

PRODUCT INFO

| | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 2600 | 2950 | 2800 |
| Lumens (lm) (Emergency) | | 240 | |
| Efficacy (lm/W) | 100 | 110 | 105 |
| Wattage (W) | | 27 | |
| CRI | | >80 | |
| Beam Angle (°) | | 120 | |
| LED Lifetime (Hrs) | | 50000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Dimmable | | Yes | |
| Operating Temp (°C) | | 0 to +60 | |
| Corridor Function | | 10% & 30% | |

| CODE | DESCRIPTION | |
|---|---|---|
| OV841525DEMCTADA | 1500mm LED Batten With DALI Emergency & DALI | |
| OV841525EMCTADA | 1500mm LED Batten With Emergency & DALI | |
| OV841525EMCTASD | 1500mm LED Batten With Emergency & Switch Dim | |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVEMB7418LI | 7.4V 1800mAh LiFePo4 Battery – Serial | See page 276 |
| OSUSY15 | 2 x Y Shaped Suspension Cable for Linear Luminaires | See page 276 |

Diffuser Hinged With Base

PRODUCT APPROVALS

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2 & BS EN 61000-3-3

UKCA | CE

## 50W Linear LED Battens - CCT - 1500mm (5ft)

IP20 | WARRANTY 5 YEAR | CORRIDOR FUNCTION | MICROWAVE SENSOR | FLAME RESISTANCE TP(b) | BESA BOX MOUNTABLE

AVAILABLE FINISHES

WHITE

CCT | ON SITE WARRANTY

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV841550CTA | 1500mm LED Batten |
| OV841550MWCTA | 1500mm LED Batten With Microwave Sensor Having Corridor Function |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVEMB7418LI | 7.4V 1800mAh LiFePo4 Battery – Serial | See page 276 |

| PRODUCT INFO | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 5250 | 5900 | 5600 |
| Efficacy (lm/W) | 105 | 120 | 115 |
| Wattage (W) | | 50 | |
| CRI | | >80 | |
| Beam Angle (°) | | 120 | |
| LED Lifetime (Hrs) | | 50000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Dimmable | | No | |
| Operating Temp (°C) | | -20 to +60 | |
| Corridor Function | | 10% & 30% | |

Diffuser Hinged With Base
Microwave Sensor offers Corridor Function facility

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2

CE | UKCA





UTILITY

## 50W Linear LED Battens - CCT - 1500mm (5ft)

AVAILABLE FINISHES

WHITE

BESA BOX MOUNTABLE | LI-ION | FLAME RESISTANCE TP(b) | EMERGENCY AVAILABLE | BATTERY WARRANTY 4 YEAR | MICROWAVE SENSOR | CORRIDOR FUNCTION | WARRANTY 5 YEAR | IP20

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

ON SITE WARRANTY | CCT

| PRODUCT INFO | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 5250 | 5900 | 5600 |
| Lumens (lm) (Emergency) | | 480 | |
| Efficacy (lm/W) | 100 | 110 | 105 |
| Wattage (W) | | 52 | |
| CRI | | >80 | |
| Beam Angle (°) | | 120 | |
| LED Lifetime (Hrs) | | 50000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Dimmable | | No | |
| Operating Temp (°C) | | 0 to +60 | |
| Corridor Function | | 10% & 30% | |

| CODE | DESCRIPTION | |
|---|---|---|
| OV841550EMCTA | 1500mm LED Batten With Emergency | |
| OV841550MWEMCTA | 1500mm LED Batten With Microwave Sensor Having Corridor Function & Emergency | |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVEMB11120LIS | 11.1V 2000mAh LiFePo4 Battery - Serial | See page 276 |
| OSUSY15 | 2 x Y Shaped Suspension Cable for Linear Luminaires | See page 276 |

Diffuser Hinged With Base
Microwave Sensor offers Corridor Function facility

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2

UKCA | CE

## 50W Dimmable Linear LED Battens - CCT - 1500mm (5ft)

IP20 | WARRANTY 5 YEAR | CORRIDOR FUNCTION | MICROWAVE SENSOR | FLAME RESISTANCE TP(b) | BESA BOX MOUNTABLE

AVAILABLE FINISHES

WHITE

CCT | ON SITE WARRANTY

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV841550CTADA | 1500mm LED Batten With DALI |
| OV841550CTASD | 1500mm LED Batten With Switch Dim |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVEMB7418LI | 7.4V 1800mAh LiFePo4 Battery – Serial | See page 276 |

PRODUCT INFO

| | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 5250 | 5900 | 5600 |
| Efficacy (lm/W) | 105 | 120 | 115 |
| Wattage (W) | | 50 | |
| CRI | | >80 | |
| Beam Angle (°) | | 120 | |
| LED Lifetime (Hrs) | | 50000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Dimmable | | Yes | |
| Operating Temp (°C) | | -20 to +60 | |
| Corridor Function | | 10% & 30% | |

Diffuser Hinged With Base

PRODUCT APPROVALS

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2 & BS EN 61000-3-3

CE | UKCA







## 50W Dimmable Linear LED Battens - CCT - 1500mm (5ft)

AVAILABLE FINISHES

WHITE

BESA BOX MOUNTABLE | LI-ION | FLAME RESISTANCE TP(b) | EMERGENCY AVAILABLE | BATTERY WARRANTY 4 YEAR | MICROWAVE SENSOR | CORRIDOR FUNCTION | WARRANTY 5 YEAR | IP20

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

ON SITE WARRANTY | CCT

PRODUCT INFO

| | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 5250 | 5900 | 5600 |
| Lumens (lm) (Emergency) | | 480 | |
| Efficacy (lm/W) | 100 | 110 | 105 |
| Wattage (W) | | 52 | |
| CRI | | >80 | |
| Beam Angle (°) | | 120 | |
| LED Lifetime (Hrs) | | 50000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Dimmable | | Yes | |
| Operating Temp (°C) | | 0 to +60 | |
| Corridor Function | | 10% & 30% | |

| CODE | DESCRIPTION | |
|---|---|---|
| OV841550DEMCTADA | 1500mm LED Batten With DALI Emergency & DALI | |
| OV841550EMCTADA | 1500mm LED Batten With Emergency & DALI | |
| OV841550EMCTASD | 1500mm LED Batten With Emergency & Switch Dim | |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVEMB11120LIS | 11.1V 2000mAh LiFePo4 Battery - Serial | See page 276 |
| OSUSY15 | 2 x Y Shaped Suspension Cable for Linear Luminaires | See page 276 |

Diffuser Hinged With Base

PRODUCT APPROVALS

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2 & BS EN 61000-3-3

UKCA | CE

## 60W Linear LED Battens - CCT - 1500mm (5ft)

IP20 | WARRANTY 5 YEAR | CORRIDOR FUNCTION | MICROWAVE SENSOR | FLAME RESISTANCE TP(b) | BESA BOX MOUNTABLE

AVAILABLE FINISHES

WHITE

CCT | ON SITE WARRANTY

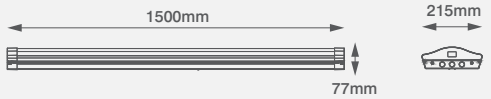
COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV841560CTA | 1500mm LED Batten |
| OV841560MWCTA | 1500mm LED Batten With Microwave Sensor Having Corridor Function |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVEMB7418LI | 7.4V 1800mAh LiFePo4 Battery – Serial | See page 276 |




| PRODUCT INFO | | | |
|---|---|---|---|
| CCT (K) | 4000 | 3000 | 6000 |
| Lumens (lm) | 6550 | 7300 | 6850 |
| Efficacy (lm/W) | 110 | 125 | 115 |
| Wattage (W) | | 60 | |
| CRI | | >80 | |
| Beam Angle (°) | | 120 | |
| LED Lifetime (Hrs) | | 50000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Dimmable | | No | |
| Operating Temp (°C) | | -20 to +60 | |
| Corridor Function | | 10% & 30% | |

Diffuser Hinged With Base
Microwave Sensor offers Corridor Function facility

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2

CE | UKCA







## 60W Linear LED Battens - CCT - 1500mm (5ft)

AVAILABLE FINISHES

WHITE

BESA BOX MOUNTABLE | LI-ION | FLAME RESISTANCE TP(b) | EMERGENCY AVAILABLE | MICROWAVE SENSOR | BATTERY WARRANTY 4 YEAR | CORRIDOR FUNCTION | WARRANTY 5 YEAR | IP20

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

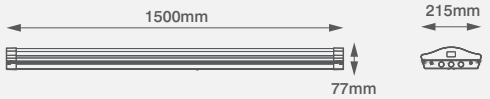
ON SITE WARRANTY | CCT

| PRODUCT INFO | | | |
|---|---|---|---|
| CCT (K) | 4000 | 3000 | 6000 |
| Lumens (lm) | 6550 | 7300 | 6850 |
| Lumens (lm) (Emergency) | | 480 | |
| Efficacy (lm/W) | 105 | 115 | 110 |
| Wattage (W) | | 62 | |
| CRI | | >80 | |
| Beam Angle (°) | | 120 | |
| LED Lifetime (Hrs) | | 50000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Dimmable | | No | |
| Operating Temp (°C) | | 0 to +60 | |
| Corridor Function | | 10% & 30% | |

| CODE | DESCRIPTION |
|---|---|
| OV841560EMCTA | 1500mm LED Batten With Emergency |
| OV841560MWEMCTA | 1500mm LED Batten With Microwave Sensor Having Corridor Function & Emergency |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVEMB11120LIS | 11.1V 2000mAh LiFePo4 Battery - Serial | See page 276 |
| OSUSY15 | 2 x Y Shaped Suspension Cable for Linear Luminaires | See page 276 |




Diffuser Hinged With Base
Microwave Sensor offers Corridor Function facility

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2

UKCA | CE

## 60W Dimmable Linear LED Battens - CCT - 1500mm (5ft)

IP20 | WARRANTY 5 YEAR | CORRIDOR FUNCTION | MICROWAVE SENSOR | FLAME RESISTANCE TP(b) | BESA BOX MOUNTABLE

AVAILABLE FINISHES

WHITE

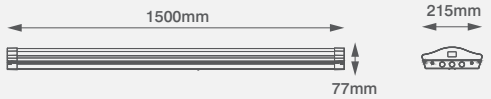
CCT | ON SITE WARRANTY

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV841560CTADA | 1500mm LED Batten With DALI |
| OV841560CTASD | 1500mm LED Batten With Switch Dim |

| COMPATIBLE PRODUCTS | | |
|---|---|---|
| OVEMB7418LI | 7.4V 1800mAh LiFePo4 Battery – Serial | See page 276 |
| OSUSY15 | 2 x Y Shaped Suspension Cable for Linear Luminaires | See page 276 |




| PRODUCT INFO | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 6550 | 7300 | 6850 |
| Efficacy (lm/W) | 105 | 125 | 115 |
| Wattage (W) | | 60 | |
| CRI | | >80 | |
| Beam Angle (°) | | 120 | |
| LED Lifetime (Hrs) | | 50000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Dimmable | | Yes | |
| Operating Temp (°C) | | -20 to +60 | |
| Corridor Function | | 10% & 30% | |

Diffuser Hinged With Base

PRODUCT APPROVALS

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2 & BS EN 61000-3-3

CE | UKCA







## 60W Dimmable Linear LED Battens - CCT - 1500mm (5ft)

AVAILABLE FINISHES

WHITE

BESA BOX MOUNTABLE | LI-ION | FLAME RESISTANCE TP(b) | EMERGENCY AVAILABLE | MICROWAVE SENSOR | BATTERY WARRANTY 4 YEAR | CORRIDOR FUNCTION | WARRANTY 5 YEAR | IP20

COLOUR TEMPERATURE

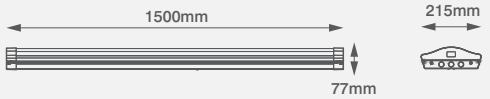
WARM WHITE | COOL WHITE | DAYLIGHT

ON SITE WARRANTY | CCT

| PRODUCT INFO | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 6550 | 7300 | 6850 |
| Lumens (lm) (Emergency) | | 480 | |
| Efficacy (lm/W) | 100 | 115 | 110 |
| Wattage (W) | | 62 | |
| CRI | | >80 | |
| Beam Angle (°) | | 120 | |
| LED Lifetime (Hrs) | | 50000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Dimmable | | Yes | |
| Operating Temp (°C) | | 0 to +60 | |
| Corridor Function | | 10% & 30% | |

| CODE | DESCRIPTION |
|---|---|
| OV841560DEMCTADA | 1500mm LED Batten With DALI Emergency & DALI |
| OV841560EMCTADA | 1500mm LED Batten With Emergency & DALI |
| OV841560EMCTASD | 1500mm LED Batten With Emergency & Switch Dim |

| COMPATIBLE PRODUCTS | | |
|---|---|---|
| OVEMB11120LIS | 11.1V 2000mAh LiFePo4 Battery - Serial | See page 276 |
| OSUSY15 | 2 x Y Shaped Suspension Cable for Linear Luminaires | See page 276 |




Diffuser Hinged With Base

PRODUCT APPROVALS

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2 & BS EN 61000-3-3

UKCA | CE

# INCEPTOR® DUO

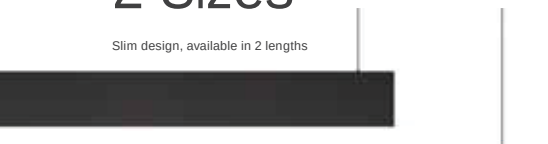
5 YR WARRANTY | IP20 | LI-ION

## Up & Down Linear Luminaire

The Inceptor Duo is a sleek up & down dimmable linear luminaire.
The fitting is available in 2 lengths and 3 different colour options to suit all décor.
Available in Standard & Emergency.

## 2 Wattages, 2 Sizes

Slim design, available in 2 lengths



1200mm (4ft)

1500mm (5ft)

## 3 Finish Options

Available in Black, Grey and White.

## Dual CCT Switch

2 CCT switches provided to allow the end user to individually change the top LED and bottom LED light source.
All models can change between, 3000K, 4000K, 6000K and OFF.

CIBSE LIGHTING INDUSTRY ASSOCIATION | ON SITE WARRANTY

**Push Fit Terminals**

Providing hassle free and quick installations.

**Suspension**

**Diffuser**

Dispenses light outward with an even light spread.

**LED Strip**

**0/1-10V Dimmable Driver**

Adjustable light output of the LEDs.

**Emergency Converter**

Ensures there is lighting in case of emergency.

**Battery**

**Gear Tray**

**Emergency Indicator**

A visible indicator to highlight the lights battery back up status.

**End Cap**

**Dimmable Available**

Emergency Version Available

**50,000 Hours** Lifetime

## 42W Linear LED Up & Down Suspended Luminaires - CCT

WARRANTY 5 YEAR | DIMMABLE | IP20 | LI-ION

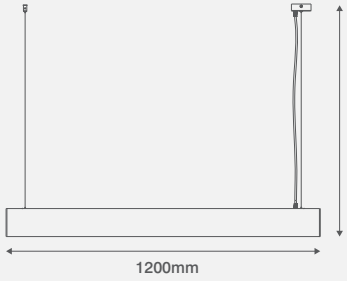
AVAILABLE FINISHES: GREY, BLACK, WHITE

CCT | ON SITE WARRANTY

COLOUR TEMPERATURE: WARM WHITE, COOL WHITE, DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OXD442-B | Up & Down LED Luminaire - Black |
| OXD442-W | Up & Down LED Luminaire - White |
| OXD442-G | Up & Down LED Luminaire - Grey |

| PRODUCT INFO | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) (up) | 300 | 330 | 300 |
| Lumens (lm) (down) | 3800 | 4000 | 3800 |
| Overall Efficacy (lm/W) | 97 | 103 | 97 |
| Circuit Wattage (W) | 42 | | |
| LED Wattage (W) | 36 (Down) & 6 (Up) | | |
| CRI | >80 | | |
| Beam Angle (°) | 100 | | |
| LED Lifetime (Hrs) | 50,000 | | |
| Voltage (AC) | 220-240 | | |
| Frequency (Hz) | 50/60 | | |
| Dimmable | 0(1)-10V | | |
| Operating Temp (°C) | -15 to +45 | | |




Up & Down Each Features CCT & Off Facility

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60669-2-1 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2 BS EN 61000-3-3

CE | UKCA











## 42W Linear LED Up & Down Suspended Luminaires - CCT

AVAILABLE FINISHES: WHITE, BLACK, GREY

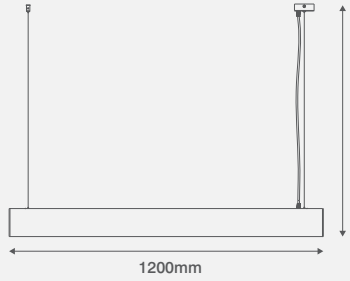
BATTERY WARRANTY 4 YEAR | EMERGENCY AVAILABLE | DIMMABLE | WARRANTY 5 YEAR | LI-ION | IP20

ON SITE WARRANTY | CCT

COLOUR TEMPERATURE: WARM WHITE, COOL WHITE, DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OXD442-E-B | Up & Down LED Luminaire With Emergency - Black |
| OXD442-E-W | Up & Down LED Luminaire With Emergency - White |
| OXD442-E-G | Up & Down LED Luminaire With Emergency - Grey |

| PRODUCT INFO | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) (up) | 300 | 330 | 300 |
| Lumens (lm) (down) | 3800 | 4000 | 3800 |
| Lumens (lm) (Emergency) | 300 | | |
| Overall Efficacy (lm/W) | 95 | 100 | 95 |
| Circuit Wattage (W) | 43 | | |
| LED Wattage (W) | 36 (Down) & 6 (Up) | | |
| CRI | >80 | | |
| Beam Angle (°) | 100 | | |
| LED Lifetime (Hrs) | 50,000 | | |
| Voltage (AC) | 220-240 | | |
| Frequency (Hz) | 50/60 | | |
| Dimmable | 0(1)-10V | | |
| Operating Temp (°C) | 0 to +45 | | |




PRODUCT APPROVALS

Up & Down Each Features CCT & Off Facility

BS EN 60598-1 BS EN 60669-2-1 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2 BS EN 61000-3-3

UKCA | CE

## 42W 2 in 1 Dimmable Linear LED Up & Down Suspended Luminaires - CCT

IP20 | WARRANTY 5 YEAR | DIMMABLE | LI-ION

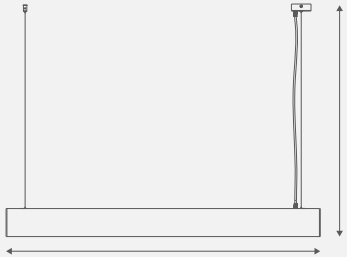
AVAILABLE FINISHES: GREY, BLACK, WHITE

CCT | ON SITE WARRANTY

COLOUR TEMPERATURE: WARM WHITE, COOL WHITE, DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OXD442-B-MF | Up & Down Dimmable LED Luminaire - Black |
| OXD442-W-MF | Up & Down Dimmable LED Luminaire - White |
| OXD442-G-MF | Up & Down Dimmable LED Luminaire - Grey |

Complete with 2 in 1 Integrated Multi-Function Driver (DALI & Switch Dim)
Up & Down Each Features CCT & Off Facility




MAX ADJUSTABLE LENGTH: 1625mm

PRODUCT INFO

| | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) (up) | 300 | 330 | 300 |
| Lumens (lm) (down) | 3800 | 4000 | 3800 |
| Overall Efficacy (lm/W) | 97 | 103 | 97 |
| Circuit Wattage (W) | 42 | | |
| LED Wattage (W) | 36 (Down) & 6 (Up) | | |
| CRI | >80 | | |
| Beam Angle (°) | 100 | | |
| LED Lifetime (Hrs) | 50,000 | | |
| Voltage (AC) | 220-240 | | |
| Frequency (Hz) | 50/60 | | |
| Dimmable | DALI & Switch Dim | | |
| Operating Temp (°C) | -15 to +45 | | |

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60669-2-1 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2 BS EN 61000-3-3

CE | UKCA







## 42W 2 in 1 Dimmable Linear LED Up & Down Suspended Luminaires - CCT

AVAILABLE FINISHES: WHITE, BLACK, GREY

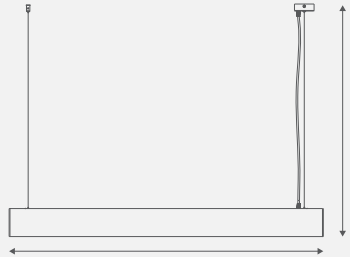
LI-ION | BATTERY WARRANTY 4 YEAR | EMERGENCY AVAILABLE | DIMMABLE | WARRANTY 5 YEAR | IP20

ON SITE WARRANTY | CCT

COLOUR TEMPERATURE: WARM WHITE, COOL WHITE, DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OXD442-E-B-MF | Up & Down Dimmable LED Luminaire With Emergency - Black |
| OXD442-E-W-MF | Up & Down Dimmable LED Luminaire With Emergency - White |
| OXD442-E-G-MF | Up & Down Dimmable LED Luminaire With Emergency - Grey |

Complete with 2 in 1 Integrated Multi-Function Driver (DALI & Switch Dim)
Up & Down Each Features CCT & Off Facility




MAX ADJUSTABLE LENGTH: 1625mm

PRODUCT INFO

| | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) (up) | 300 | 330 | 300 |
| Lumens (lm) (down) | 3800 | 4000 | 3800 |
| Lumens (lm) (Emergency) | 300 | | |
| Overall Efficacy (lm/W) | 95 | 100 | 95 |
| Circuit Wattage (W) | 43 | | |
| LED Wattage (W) | 36 (Down) & 6 (Up) | | |
| CRI | >80 | | |
| Beam Angle (°) | 100 | | |
| LED Lifetime (Hrs) | 50,000 | | |
| Voltage (AC) | 220-240 | | |
| Frequency (Hz) | 50/60 | | |
| Dimmable | DALI & Switch Dim | | |
| Operating Temp (°C) | 0 to +45 | | |

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60669-2-1 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2 BS EN 61000-3-3

UKCA | CE

## 56W Linear LED Up & Down Suspended Luminaires - CCT

WARRANTY 5 YEAR | DIMMABLE | IP20 | LI-ION

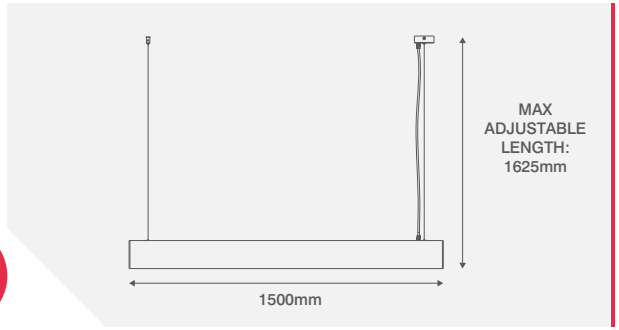
AVAILABLE FINISHES: GREY, BLACK, WHITE

CCT | ON SITE WARRANTY

COLOUR TEMPERATURE: WARM WHITE, COOL WHITE, DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OXD556-B | Up & Down LED Luminaire - Black |
| OXD556-W | Up & Down LED Luminaire - White |
| OXD556-G | Up & Down LED Luminaire - Grey |

| PRODUCT INFO | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) (up) | 300 | 330 | 300 |
| Lumens (lm) (down) | 4750 | 5000 | 4750 |
| Overall Efficacy (lm/W) | 90 | 95 | 90 |
| Circuit Wattage (W) | 56 | | |
| LED Wattage (W) | 50 (Down) & 6 (Up) | | |
| CRI | >80 | | |
| Beam Angle (°) | 100 | | |
| LED Lifetime (Hrs) | 50,000 | | |
| Voltage (AC) | 220-240 | | |
| Frequency (Hz) | 50/60 | | |
| Dimmable | 0(1)-10V | | |
| Operating Temp (°C) | -15 to +45 | | |




Up & Down Each Features CCT & Off Facility

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60669-2-1 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2 BS EN 61000-3-3

CE | UKCA







## 56W Linear LED Up & Down Suspended Luminaires - CCT

AVAILABLE FINISHES: WHITE, BLACK, GREY

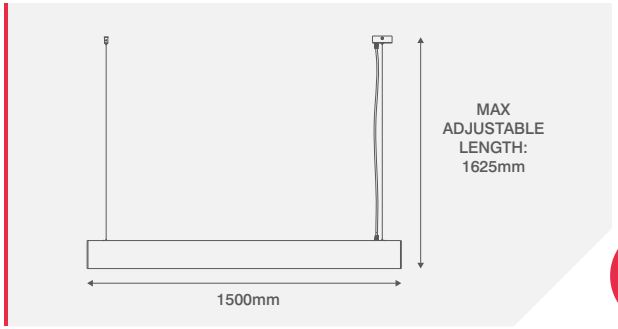
BATTERY WARRANTY 4 YEAR | EMERGENCY AVAILABLE | DIMMABLE | WARRANTY 5 YEAR | LI-ION | IP20

ON SITE WARRANTY | CCT

COLOUR TEMPERATURE: WARM WHITE, COOL WHITE, DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OXD556-E-B | Up & Down LED Luminaire With Emergency - Black |
| OXD556-E-W | Up & Down LED Luminaire With Emergency - White |
| OXD556-E-G | Up & Down LED Luminaire With Emergency - Grey |

| PRODUCT INFO | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) (up) | 300 | 330 | 300 |
| Lumens (lm) (down) | 4750 | 5000 | 4750 |
| Lumens (lm) (Emergency) | 400 | | |
| Overall Efficacy (lm/W) | 87 | 92 | 87 |
| Circuit Wattage (W) | 57.5 | | |
| LED Wattage (W) | 50 (Down) & 6 (Up) | | |
| CRI | >80 | | |
| Beam Angle (°) | 100 | | |
| LED Lifetime (Hrs) | 50,000 | | |
| Voltage (AC) | 220-240 | | |
| Frequency (Hz) | 50/60 | | |
| Dimmable | 0(1)-10V | | |
| Operating Temp (°C) | 0 to +45 | | |




PRODUCT APPROVALS

Up & Down Each Features CCT & Off Facility

BS EN 60598-1 BS EN 60669-2-1 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2 BS EN 61000-3-3

UKCA | CE

## 56W 2 in 1 Dimmable Linear LED Up & Down Suspended Luminaires - CCT

IP20 | WARRANTY 5 YEAR | DIMMABLE | LI-ION

AVAILABLE FINISHES

GREY | BLACK | WHITE

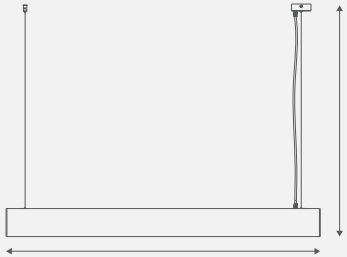
CCT | ON SITE WARRANTY

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OXD556-B-MF | Up & Down Dimmable LED Luminaire - Black |
| OXD556-W-MF | Up & Down Dimmable LED Luminaire - White |
| OXD556-G-MF | Up & Down Dimmable LED Luminaire - Grey |

Complete with 2 in 1 Integrated Multi-Function Driver (DALI & Switch Dim)
Up & Down Each Features CCT & Off Facility




MAX ADJUSTABLE LENGTH: 1625mm

PRODUCT INFO

| | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) (up) | 300 | 330 | 300 |
| Lumens (lm) (down) | 4750 | 5000 | 4750 |
| Overall Efficacy (lm/W) | 90 | 95 | 90 |
| Circuit Wattage (W) | 56 | | |
| LED Wattage (W) | 50 (Down) & 6 (Up) | | |
| CRI | >80 | | |
| Beam Angle (°) | 100 | | |
| LED Lifetime (Hrs) | 50,000 | | |
| Voltage (AC) | 220-240 | | |
| Frequency (Hz) | 50/60 | | |
| Dimmable | DALI & Switch Dim | | |
| Operating Temp (°C) | -15 to +45 | | |

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60669-2-1 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547BS EN 61000-3-2 BS EN 61000-3-3

CE | UKCA







## 56W 2 in 1 Dimmable Linear LED Up & Down Suspended Luminaires - CCT

AVAILABLE FINISHES

WHITE | BLACK | GREY

LI-ION | BATTERY WARRANTY 4 YEAR | EMERGENCY AVAILABLE | DIMMABLE | WARRANTY 5 YEAR | IP20

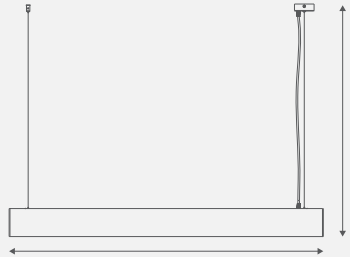
ON SITE WARRANTY | CCT

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OXD556-E-B-MF | Up & Down Dimmable LED Luminaire With Emergency - Black |
| OXD556-E-W-MF | Up & Down Dimmable LED Luminaire With Emergency - White |
| OXD556-E-G-MF | Up & Down Dimmable LED Luminaire With Emergency - Grey |

Complete with 2 in 1 Integrated Multi-Function Driver (DALI & Switch Dim)
Up & Down Each Features CCT & Off Facility




MAX ADJUSTABLE LENGTH: 1625mm

PRODUCT INFO

| | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) (up) | 300 | 330 | 300 |
| Lumens (lm) (down) | 4750 | 5000 | 4750 |
| Lumens (lm) (Emergency) | 400 | | |
| Overall Efficacy (lm/W) | 87 | 92 | 87 |
| Circuit Wattage (W) | 57.5 | | |
| LED Wattage (W) | 50 (Down) & 6 (Up) | | |
| CRI | >80 | | |
| Beam Angle (°) | 100 | | |
| LED Lifetime (Hrs) | 50,000 | | |
| Voltage (AC) | 220-240 | | |
| Frequency (Hz) | 50/60 | | |
| Dimmable | DALI & Switch Dim | | |
| Operating Temp (°C) | 0 to +45 | | |

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60669-2-1 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2 BS EN 61000-3-3

UKCA | CE

# INCEPTOR® B-LITE

## Linear Batten Multi-Current LED Light

5 YR WARRANTY | IP20 | IK08 | TP(a) | LI-ION | BESA BOX MOUNTABLE

## Safer Installation

**The security wire for safe and easy installation.**
**Pre-attached to the based of the product, the security** wire allows the diffuser to be hung from the base while installation is in place.

## Lithium Battery

**Favoured for its safety, economy and efficiency our Emergency versions** come supplied with Lithium batteries.
**Lithium batteries benefit from being more energy efficient and have a longer** life making them perfect for our Emergency products within this range.

## Base to Diffuser Clips

Easily pull apart the diffuser from the steel base with the help **of spring clips, making it quicker and easier for installation.**

## Multi-Current Driver

**The Multi-Current Driver provides the option to increase or decrease the Lumens (lm) to suit each individual application.**

ON SITE WARRANTY

**Polycarbonate End Caps**
**With conduit** knock-outs

**Steel Base**
**Robust, light weight base.**

**Emergency Indicator Light**
A visible indicator to highlight the lights battery back up status.

**Base to Diffuser Assembly Clips**
**Allowing for quick and easy** detachment during installation.

**Push Fit Terminals**
**Providing hassle free and quick installations.**

**LED & Component Steel Gear Tray**
**The durable steel gear tray holds** all the components together

**Microwave Sensor (if Applicable)**
Energy saving option with the motion detection sensor.

**Removable Microwave Sensor Cap (if Applicable)**
**Removable in order to program** the microwave sensor.

**Emergency Battery Back up**
**Ensures there is security lighting in case of emergency's.**

**Transparent Frosted Polycarbonate Cover**
**Dispenses Light Outward.**

**Multi-Current Driver**
**Change Lumens (lm) and wattage to** suit each individual application.

Corridor Function Version

Microwave Sensor Version Available

Emergency Version Available

**50,000 Hours** Lifetime

## 28-40W Linear Batten Multi-Current LED Luminaires - 1200mm (4ft)

IP20 | WARRANTY 5 YEAR | CORRIDOR FUNCTION | MICROWAVE SENSOR | FLAME RESISTANCE TP(a) | BESA BOX MOUNTABLE

AVAILABLE FINISHES

WHITE

ON SITE WARRANTY

COLOUR TEMPERATURE

COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OV82120 | 1200mm LED Luminaire |
| OV82120MW | 1200mm LED Luminaire - Microwave Sensor |
| OV82120MWCF | 1200mm LED Batten With Microwave Sensor Having Corridor Function |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OSUSS15 | 2 x Suspension Cable for Linear Luminaires | See page 276 |

PRODUCT INFO

| Circuit Wattage (W) | 28 | 32 | 36 | 40 |
|---|---|---|---|---|
| Lumens (lm) | 2940 | 3360 | 3780 | 4200 |
| CCT (K) | 4000 | | | |
| Efficacy (lm/W) | 105 | | | |
| CRI | >80 | | | |
| Beam Angle (°) | 120 | | | |
| LED Lifetime (Hrs) | 50000 | | | |
| Voltage (AC) | 220-240 | | | |
| Frequency (Hz) | 50 | | | |
| Dimmable | No | | | |
| Operating Temp (°C) | -20 to +45 | | | |
| Corridor Function | 10% | | | |

Mounting Base & LED Array Linked

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2

CE UKCA







## 28-40W Linear Batten Multi-Current LED Luminaires - 1200mm (4ft)

AVAILABLE FINISHES

WHITE

BESA BOX MOUNTABLE | LI-ION | BATTERY WARRANTY 4 YEAR | EMERGENCY AVAILABLE | FLAME RESISTANCE TP(a) | MICROWAVE SENSOR | CORRIDOR FUNCTION | WARRANTY 5 YEAR | IP20

COLOUR TEMPERATURE

COOL WHITE

ON SITE WARRANTY

PRODUCT INFO

| Circuit Wattage (W) | 32 | 36 | 40 | 45 |
|---|---|---|---|---|
| Lumens (lm) | 2940 | 3360 | 3780 | 4200 |
| Lumens (lm) (Emergency) | 280 | | | |
| CCT (K) | 4000 | | | |
| Efficacy (lm/W) | 91 | | | |
| CRI | >80 | | | |
| Beam Angle (°) | 120 | | | |
| LED Lifetime (Hrs) | 50000 | | | |
| Voltage (AC) | 220-240 | | | |
| Frequency (Hz) | 50 | | | |
| Dimmable | No | | | |
| Operating Temp (°C) | 0 to +45 | | | |
| Corridor Function | 10% | | | |

| CODE | DESCRIPTION |
|---|---|
| OV82120EM | 1200mm LED Luminaire - Emergency |
| OV82120MWEM | 1200mm LED Luminaire - Microwave Sensor & Emergency |
| OV82120MWEMCF | 1200mm LED Batten With Microwave Sensor Having Corridor Function & Emergency |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVEMB6415LIS | 6.4V 1500mAh LiFePo4 Battery – Serial | See page 276 |
| OSUSS15 | 2 x Suspension Cable for Linear Luminaires | See page 276 |

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 60598-2-22 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547

Mounting Base & LED Array Linked

UKCA CE

## 40W Dimmable Linear LED Battens - 1200mm (4ft)

IP20 | DIMMABLE | 5 YEAR WARRANTY | 120 BEAM ANGLE | FLAME RESISTANCE TP(a) | BESA BOX MOUNTABLE

AVAILABLE FINISHES

WHITE

ON SITE WARRANTY

COLOUR TEMPERATURE

COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OV82120DA | 1200mm LED Batten With DALI |
| OV82120SD | 1200mm LED Batten With Switch Dim |

DALI & Switch Dim versions are not multi-current as standard.

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OSUSS15 | 2 x Suspension Cable for Linear Luminaires | See page 276 |

PRODUCT INFO

| | |
|---|---|
| Circuit Wattage (W) | |
| Lumens (lm) | 4200 |
| CCT (K) | 4000 |
| Efficacy (lm/W) | 105 |
| CRI | >80 |
| Beam Angle (°) | 120 |
| LED Lifetime (Hrs) | 50000 |
| Voltage (AC) | 220-240 |
| Frequency (Hz) | 50 |
| Dimmable | Yes |
| Operating Temp (°C) | -20 to +45 |

Mounting Base & LED Array Linked

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 55015 BS EN 61547 BS EN 61000-3-2

CE UKCA







## 40W Dimmable Linear LED Battens - 1200mm (4ft)

AVAILABLE FINISHES

WHITE

BESA BOX MOUNTABLE | LI-ION | BATTERY WARRANTY 4 YEAR | EMERGENCY AVAILABLE | FLAME RESISTANCE TP(a) | WARRANTY 5 YEAR | DIMMABLE | IP20

COLOUR TEMPERATURE

COOL WHITE

ON SITE WARRANTY

PRODUCT INFO

| | |
|---|---|
| Circuit Wattage (W) | |
| Lumens (lm) | 4200 |
| Lumens (lm) (Emergency) | 280 |
| CCT (K) | 4000 |
| Efficacy (lm/W) | 93 |
| CRI | >80 |
| Beam Angle (°) | 120 |
| LED Lifetime (Hrs) | 50000 |
| Voltage (AC) | 220-240 |
| Frequency (Hz) | 50 |
| Dimmable | Yes |
| Operating Temp (°C) | 0 to +45 |

| CODE | DESCRIPTION |
|---|---|
| OV82120EMDA | 1200mm LED Batten With Emergency & DALI |
| OV82120EMSD | 1200mm LED Batten With Emergency & Switch Dim |

DALI & Switch Dim versions are not multi-current as standard.

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVEMB6415LIS | 6.4V 1500mAh LiFePo4 Battery – Serial | See page 276 |
| OSUSS15 | 2 x Suspension Cable for Linear Luminaires | See page 276 |

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 60598-2-22 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 62493 BS EN 55015 BS EN 61547

Mounting Base & LED Array Linked

UKCA CE

## 42-60W Linear Batten Multi-Current LED Luminaires - 1500mm (5ft)

IP20 | WARRANTY 5 YEAR | CORRIDOR FUNCTION | MICROWAVE SENSOR | FLAME RESISTANCE TP(a) | BESA BOX MOUNTABLE

AVAILABLE FINISHES

WHITE

ON SITE WARRANTY

COLOUR TEMPERATURE

COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OV82150 | 1500mm LED Luminaire |
| OV82150MW | 1500mm LED Luminaire - Microwave Sensor |
| OV82150MWCF | 1500mm LED Batten With Microwave Sensor Having Corridor Function |

**COMPATIBLE PRODUCTS**

| | | |
|---|---|---|
| OSUSS15 | 2 x Suspension Cable for Linear Luminaires | See page 276 |

**PRODUCT INFO**

| Circuit Wattage (W) | 42 | 48 | 54 | 60 |
|---|---|---|---|---|
| Lumens (lm) | 4410 | 5040 | 5670 | 6300 |
| CCT (K) | 4000 | | | |
| Efficacy (lm/W) | 105 | | | |
| CRI | >80 | | | |
| Beam Angle (°) | 120 | | | |
| LED Lifetime (Hrs) | 50000 | | | |
| Voltage (AC) | 220-240 | | | |
| Frequency (Hz) | 50 | | | |
| Dimmable | No | | | |
| Operating Temp (°C) | -20 to +45 | | | |
| Corridor Function | 10% | | | |

Mounting Base & LED Array Linked

**PRODUCT APPROVALS**

BS EN 60598-1 BS EN 60598-2-1 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2

CE UKCA





UTILITY

## 42-60W Linear Batten Multi-Current LED Luminaires - 1500mm (5ft)

AVAILABLE FINISHES

WHITE

BESA BOX MOUNTABLE | LI-ION | BATTERY WARRANTY 4 YEAR | EMERGENCY AVAILABLE | FLAME RESISTANCE TP(a) | MICROWAVE SENSOR | CORRIDOR FUNCTION | WARRANTY 5 YEAR | IP20

COLOUR TEMPERATURE

COOL WHITE

ON SITE WARRANTY

**PRODUCT INFO**

| Circuit Wattage (W) | 44 | 52 | 58 | 64 |
|---|---|---|---|---|
| Lumens (lm) | 4410 | 5040 | 5670 | 6300 |
| Lumens (lm) (Emergency) | 280 | | | |
| CCT (K) | 4000 | | | |
| Efficacy (lm/W) | 100 | | | |
| CRI | >80 | | | |
| Beam Angle (°) | 120 | | | |
| LED Lifetime (Hrs) | 50000 | | | |
| Voltage (AC) | 220-240 | | | |
| Frequency (Hz) | 50 | | | |
| Dimmable | No | | | |
| Operating Temp (°C) | 0 to +45 | | | |
| Corridor Function | 10% | | | |

| CODE | DESCRIPTION |
|---|---|
| OV82150EM | 1500mm LED Luminaire - Emergency |
| OV82150MWEM | 1500mm LED Luminaire - Microwave Sensor & Emergency |
| OV82150MWEMCF | 1500mm LED Batten With Microwave Sensor Having Corridor Function & Emergency |

**COMPATIBLE PRODUCTS**

| | | |
|---|---|---|
| OVEMB6415LIS | 6.4V 1500mAh LiFePo4 Battery – Serial | See page 276 |
| OSUSS15 | 2 x Suspension Cable for Linear Luminaires | See page 276 |

**PRODUCT APPROVALS**

BS EN 60598-1 BS EN 60598-2-1 BS EN 60598-2-22 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547

Mounting Base & LED Array Linked

UKCA CE

## 60W Dimmable Linear LED Battens - 1500mm (5ft)

IP20 | DIMMABLE | WARRANTY 5 YEAR | 120 BEAM ANGLE | FLAME RESISTANCE TP(a) | BESA BOX MOUNTABLE

AVAILABLE FINISHES

WHITE

ON SITE WARRANTY

COLOUR TEMPERATURE

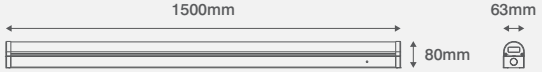
COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OV82150DA | 1500mm LED Batten With DALI |
| OV82150SD | 1500mm LED Batten With Switch Dim |

DALI & Switch Dim versions are not multi-current as standard.

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OSUSS15 | 2 x Suspension Cable for Linear Luminaires | See page 276 |




PRODUCT INFO

| Circuit Wattage (W) | |
|---|---|
| Lumens (lm) | 6300 |
| CCT (K) | 4000 |
| Efficacy (lm/W) | 105 |
| CRI | >80 |
| Beam Angle (°) | 120 |
| LED Lifetime (Hrs) | 50000 |
| Voltage (AC) | 220-240 |
| Frequency (Hz) | 50 |
| Dimmable | Yes |
| Operating Temp (°C) | -20 to +45 |

Mounting Base & LED Array Linked

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 55015 BS EN 61547 BS EN 61000-3-2

CE UKCA







## 60W Dimmable Linear LED Battens - 1500mm (5ft)

AVAILABLE FINISHES

WHITE

BESA BOX MOUNTABLE | LI-ION | BATTERY WARRANTY 4 YEAR | EMERGENCY AVAILABLE | FLAME RESISTANCE TP(a) | WARRANTY 5 YEAR | DIMMABLE | IP20

COLOUR TEMPERATURE

COOL WHITE

ON SITE WARRANTY

PRODUCT INFO

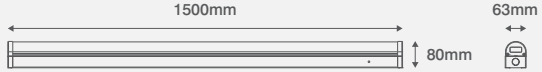
| Circuit Wattage (W) | |
|---|---|
| Lumens (lm) | 6300 |
| Lumens (lm) (Emergency) | 280 |
| CCT (K) | 4000 |
| Efficacy (lm/W) | 98 |
| CRI | >80 |
| Beam Angle (°) | 120 |
| LED Lifetime (Hrs) | 50000 |
| Voltage (AC) | 220-240 |
| Frequency (Hz) | 50 |
| Dimmable | Yes |
| Operating Temp (°C) | 0 to +45 |

| CODE | DESCRIPTION |
|---|---|
| OV82150EMDA | 1500mm LED Batten With Emergency & DALI |
| OV82150EMSD | 1500mm LED Batten With Emergency & Switch Dim |

DALI & Switch Dim versions are not multi-current as standard.

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVEMB6415LIS | 6.4V 1500mAh LiFePo4 Battery – Serial | See page 276 |
| OSUSS15 | 2 x Suspension Cable for Linear Luminaires | See page 276 |




PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 60598-2-22 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 62493 BS EN 55015 BS EN 61547

Mounting Base & LED Array Linked

UKCA CE

## 50-70W Linear Batten Multi-Current LED Luminaires - 1800mm (6ft)

IP20 | WARRANTY 5 YEAR | CORRIDOR FUNCTION | MICROWAVE SENSOR | FLAME RESISTANCE TP(a) | BESA BOX MOUNTABLE

AVAILABLE FINISHES

WHITE

ON SITE WARRANTY

COLOUR TEMPERATURE

COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OV82180 | 1800mm LED Luminaire |
| OV82180MW | 1800mm LED Luminaire - Microwave Sensor |
| OV82180MWCF | 1800mm LED Batten With Microwave Sensor Having Corridor Function |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OSUSS15 | 2 x Suspension Cable for Linear Luminaires | See page 276 |

PRODUCT INFO

| Circuit Wattage (W) | 50 | 58 | 64 | 70 |
|---|---|---|---|---|
| Lumens (lm) | 5250 | 6090 | 6720 | 7350 |
| CCT (K) | 4000 | | | |
| Efficacy (lm/W) | 105 | | | |
| CRI | >80 | | | |
| Beam Angle (°) | 120 | | | |
| LED Lifetime (Hrs) | 50000 | | | |
| Voltage (AC) | 220-240 | | | |
| Frequency (Hz) | 50 | | | |
| Dimmable | No | | | |
| Operating Temp (°C) | -20 to +45 | | | |
| Corridor Function | 10% | | | |

Mounting Base & LED Array Linked

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2

CE UKCA







## 50-70W Linear Batten Multi-Current LED Luminaires - 1800mm (6ft)

AVAILABLE FINISHES

WHITE

BESA BOX MOUNTABLE | LI-ION | BATTERY WARRANTY 4 YEAR | EMERGENCY AVAILABLE | FLAME RESISTANCE TP(a) | MICROWAVE SENSOR | CORRIDOR FUNCTION | WARRANTY 5 YEAR | IP20

COLOUR TEMPERATURE

COOL WHITE

ON SITE WARRANTY

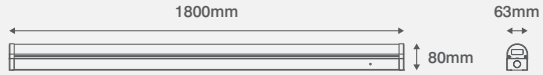
PRODUCT INFO

| Circuit Wattage (W) | 54 | 62 | 68 | 74 |
|---|---|---|---|---|
| Lumens (lm) | 5250 | 6090 | 6720 | 7350 |
| Lumens (lm) (Emergency) | 280 | | | |
| CCT (K) | 4000 | | | |
| Efficacy (lm/W) | 97 | | | |
| CRI | >80 | | | |
| Beam Angle (°) | 120 | | | |
| LED Lifetime (Hrs) | 50000 | | | |
| Voltage (AC) | 220-240 | | | |
| Frequency (Hz) | 50 | | | |
| Dimmable | No | | | |
| Operating Temp (°C) | 0 to +45 | | | |
| Corridor Function | 10% | | | |

| CODE | DESCRIPTION |
|---|---|
| OV82180EM | 1800mm LED Luminaire - Emergency |
| OV82180MWEM | 1800mm LED Luminaire - Microwave Sensor & Emergency |
| OV82180MWEMCF | 1800mm LED Batten With Microwave Sensor Having Corridor Function & Emergency |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVEMB6415LIS | 6.4V 1500mAh LiFePo4 Battery – Serial | See page 276 |
| OSUSS15 | 2 x Suspension Cable for Linear Luminaires | See page 276 |




PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 60598-2-22 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547

Mounting Base & LED Array Linked

UKCA CE

## 70W Dimmable Linear LED Battens - 1800mm (6ft)

IP20 | DIMMABLE | WARRANTY 5 YEAR | 120 BEAM ANGLE | FLAME RESISTANCE TP(a) | BESA BOX MOUNTABLE

AVAILABLE FINISHES

WHITE

ON SITE WARRANTY

COLOUR TEMPERATURE

COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OV82180DA | 1800mm LED Batten With DALI |
| OV82180SD | 1800mm LED Batten With Switch Dim |

DALI & Switch Dim versions are not multi-current as standard.

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OSUSS15 | 2 x Suspension Cable for Linear Luminaires | See page 276 |

| PRODUCT INFO | |
|---|---|
| Circuit Wattage (W) | |
| Lumens (lm) | 7350 |
| CCT (K) | 4000 |
| Efficacy (lm/W) | 105 |
| CRI | >80 |
| Beam Angle (°) | 120 |
| LED Lifetime (Hrs) | 50000 |
| Voltage (AC) | 220-240 |
| Frequency (Hz) | 50 |
| Dimmable | Yes |
| Operating Temp (°C) | -20 to +45 |

Mounting Base & LED Array Linked

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 55015 BS EN 61547 BS EN 61000-3-2







## 70W Dimmable Linear LED Battens - 1800mm (6ft)

AVAILABLE FINISHES

WHITE

BESA BOX MOUNTABLE | LI-ION | BATTERY WARRANTY 4 YEAR | EMERGENCY AVAILABLE | FLAME RESISTANCE TP(a) | WARRANTY 5 YEAR | DIMMABLE | IP20

COLOUR TEMPERATURE

COOL WHITE

ON SITE WARRANTY

| PRODUCT INFO | |
|---|---|
| Circuit Wattage (W) | |
| Lumens (lm) | 7350 |
| Lumens (lm) (Emergency) | 280 |
| CCT (K) | 4000 |
| Efficacy (lm/W) | 99 |
| CRI | >80 |
| Beam Angle (°) | 120 |
| LED Lifetime (Hrs) | 50000 |
| Voltage (AC) | 220-240 |
| Frequency (Hz) | 50 |
| Dimmable | Yes |
| Operating Temp (°C) | 0 to +45 |

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 60598-2-22 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 62493 BS EN 55015 BS EN 61547

| CODE | DESCRIPTION |
|---|---|
| OV82180EMDA | 1800mm LED Batten With Emergency & DALI |
| OV82180EMSD | 1800mm LED Batten With Emergency & Switch Dim |

DALI & Switch Dim versions are not multi-current as standard.

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVEMB6415LIS | 6.4V 1500mAh LiFePo4 Battery – Serial | See page 276 |
| OSUSS15 | 2 x Suspension Cable for Linear Luminaires | See page 276 |

Mounting Base & LED Array Linked

# INCEPTOR® U-LITE

IP65 | 5YR WARRANTY | 50,000 HRS | IK08

## Linear LED Lights

**Inceptor U-Lite is a non-corrosive design, protected against** the elements, each length is available in a single lamp and **a twin lamp equivalent output.**

## Slimline Design

**Our twin retro fit alternative does not increase in width.**
Available in 3 different lengths...

CCT

## Lithium Battery

LI-ION

**Our Emergency versions come** supplied with Lithium batteries.

## Self Test AS STANDARD

SELF TEST

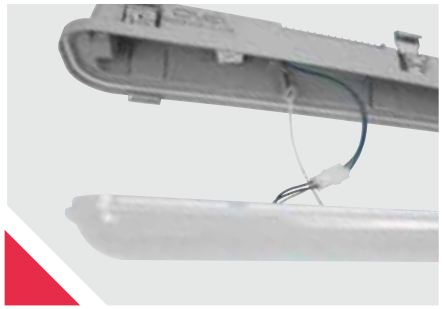
**Self-Test emergency lighting checks** itself automatically to ensure that the battery and lamp in each emergency light are fully operational.

## CCT Switch

All models can change between:
**4000K | 5000K | 6500K**

## Detachable Diffuser & Gear Tray Assembly

**Gear tray and diffuser assembly can be disconnected and** removed for lighter/simple installation of base
**Handy Molex connector for easy disconnection of** components and drivers.



## Multiple Terminal Block Mounting Options

**Gland entry points are at each end of the base with 3 mounting points for the 4 pole terminal block. Position to align with** incoming cables and/or match pre-existing wiring.
Molex connector can be disconnected to allow the terminal block to be moved for best possible installation.

CIBSE LIGHTING INDUSTRY ASSOCIATION | ON SITE WARRANTY

Transparent frosted polycarbonate cover

**Dispenses light outward with an** even light spread.

Steel gear tray

**Holds the LED Strip and** surface mounted drivers.

LED power supply

**High and Low** wattage variants

Microwave sensor (if applicable)

Motion detection and Lux level sensing

IP rated silicone seal

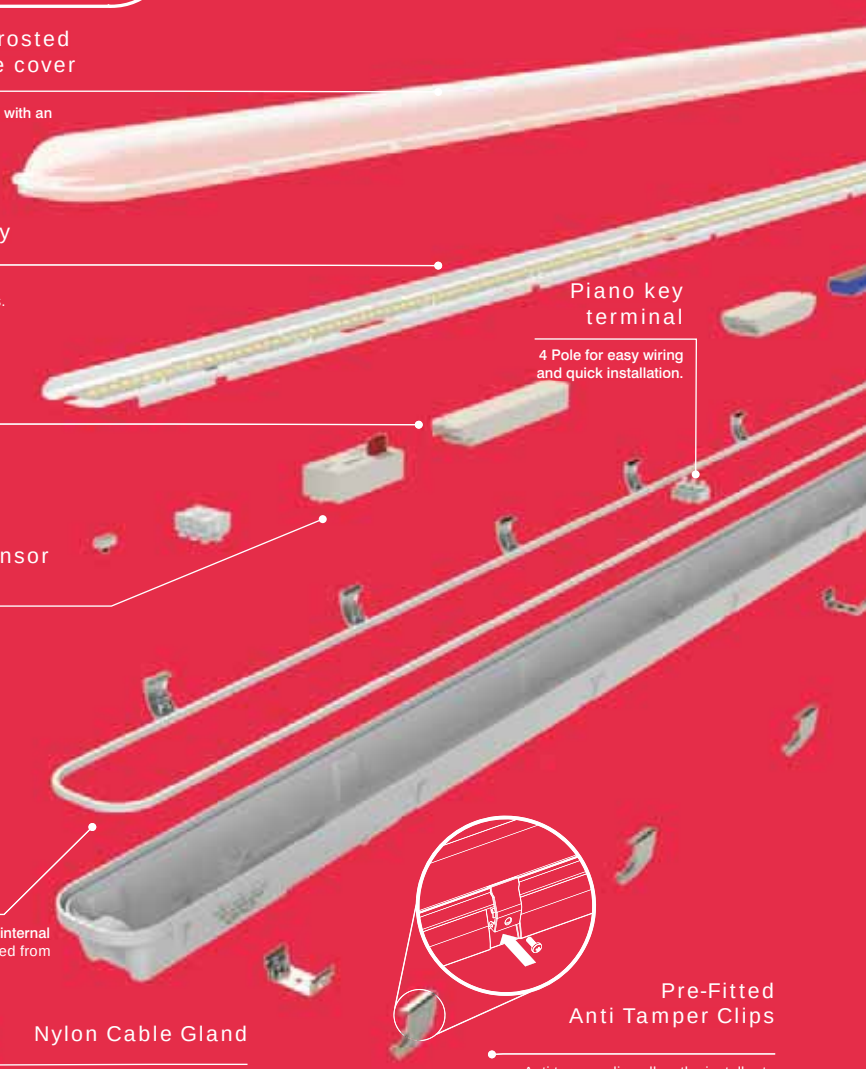
**To Ensure the luminaire internal** components are protected from **the elements (IP65).**

Nylon Cable Gland

Supplied.

Piano key terminal

**4 Pole for easy wiring and quick installation.**



Pre-Fitted Anti Tamper Clips

Anti tamper clips allow the installer to screw the retaining clips so that others **cannot open the light fitting without the** use of a tool.

Corridor Function Version

Microwave Sensor Version Available

Emergency Version Available

SELF TEST

**Self Test As Standard**

**Self-Test emergency lighting checks itself** automatically to ensure that the battery and lamp in each emergency light are fully operational.

## 21W IP65 Linear LED Utility Luminaires - CCT - 1200mm (4ft)

IP65 | WARRANTY 5 YEAR | CORRIDOR FUNCTION | EMERGENCY AVAILABLE | BATTERY WARRANTY 4 YEAR | LI-ION | MICROWAVE SENSOR | SELF TEST AVAILABLE

AVAILABLE FINISHES

GREY

CCT | ON SITE WARRANTY

COLOUR TEMPERATURE

4000K | 5000K | 6500K

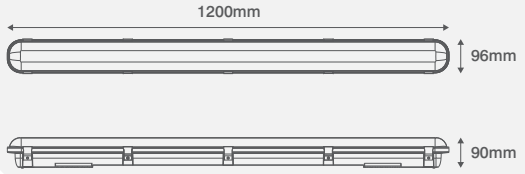
| CODE | DESCRIPTION |
|---|---|
| OV81121 | 1200mm LED Luminaire |
| OV81121MW | 1200mm LED Luminaire With Microwave Sensor |
| OV81121EM | 1200mm LED Luminaire With Emergency |
| OV81121MWEM | 1200mm LED Luminaire With Microwave Sensor & Emergency |
| OV81121MWCF | 1200mm LED Luminaire With Microwave Sensor Having Corridor Function |
| OV81121MWEMCF | 1200mm LED Luminaire With Microwave Sensor Having Corridor Function & Emergency |

PRODUCT INFO

| CCT | 4000 | 5000 | 6500 |
|---|---|---|---|
| Circuit Wattage (W) | | 21 | |
| Emergency Circuit Wattage (W) | | 23 | |
| Lumens (lm) | 2520 | 2625 | 2520 |
| Emergency Lumens (lm) | | 450 | |
| Efficacy (lm/W) | 120 | 125 | 120 |
| Emergency Efficacy (lm/W) | 110 | 114 | 110 |
| CRI | | >80 | |
| Beam Angle (°) | | 120 | |
| LED Lifetime (Hrs) | | 50,000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Dimmable | | Yes on Corridor Function Fittings Only | |
| Operating Temp (°C) | | -25 to +50 | |
| Emergency Operating Temp (°C) | | 0 to +40 | |
| Corridor Function | | 10% | |

COMPATIBLE PRODUCTS

OVEMB6430LIS 6.4V 3000mAh LiFePo4 Battery - Serial See page 276




PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-1; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2; BS EN 61000-3-3

CE | UKCA







## 21W IP65 Dimmable Linear LED Utility Luminaires - CCT - 1200mm (4ft)

AVAILABLE FINISHES

GREY

EMERGENCY AVAILABLE | LI-ION | BATTERY WARRANTY 4 YEAR | WARRANTY 5 YEAR | DIMMABLE | IP65

COLOUR TEMPERATURE

4000K | 5000K | 6500K

ON SITE WARRANTY | CCT

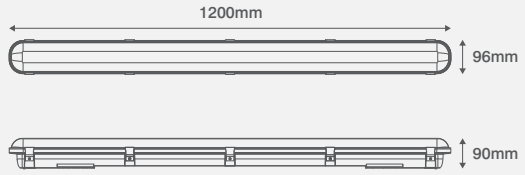
PRODUCT INFO

| CCT | 4000 | 5000 | 6500 |
|---|---|---|---|
| Circuit Wattage (W) | | 21 | |
| Emergency Circuit Wattage (W) | | 23 | |
| Lumens (lm) | 2520 | 2625 | 2520 |
| Emergency Lumens (lm) | | 450 | |
| Efficacy (lm/W) | 120 | 125 | 120 |
| Emergency Efficacy (lm/W) | 110 | 114 | 110 |
| CRI | | >80 | |
| Beam Angle (°) | | 120 | |
| LED Lifetime (Hrs) | | 50,000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Dimmable | | Yes | |
| Operating Temp (°C) | | -25 to +50 | |
| Emergency Operating Temp (°C) | | 0 to +40 | |

| CODE | DESCRIPTION |
|---|---|
| OV81121DA | 1200mm LED Luminaire With DALI |
| OV81121SD | 1200mm LED Luminaire With Switch Dim |
| OV81121EMDA | 1200mm LED Luminaire With Emergency & DALI |
| OV81121EMSD | 1200mm LED Luminaire With Emergency & Switch Dim |

COMPATIBLE PRODUCTS

OVEMB6430LIS 6.4V 3000mAh LiFePo4 Battery - Serial See page 276




PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-1; BS EN 60598-2-22; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2; BS EN 61000-3-3

UKCA | CE

## 39W IP65 Linear LED Utility Luminaires - CCT - 1200mm (4ft)

IP65 | WARRANTY 5 YEAR | CORRIDOR FUNCTION | EMERGENCY AVAILABLE | BATTERY WARRANTY 4 YEAR | LI-ION | MICROWAVE SENSOR | SELF TEST AVAILABLE

AVAILABLE FINISHES

GREY

CCT | ON SITE WARRANTY

COLOUR TEMPERATURE

4000K | 5000K | 6500K

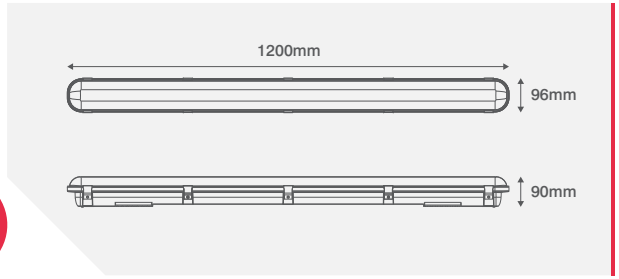
| CODE | DESCRIPTION |
|---|---|
| OV81122 | 1200mm LED Luminaire |
| OV81122MW | 1200mm LED Luminaire With Microwave Sensor |
| OV81122EM | 1200mm LED Luminaire With Emergency |
| OV81122MWEM | 1200mm LED Luminaire With Microwave Sensor & Emergency |
| OV81122MWCF | 1200mm LED Luminaire With Microwave Sensor Having Corridor Function |
| OV81122MWEMCF | 1200mm LED Luminaire With Microwave Sensor Having Corridor Function & Emergency |

PRODUCT INFO

| CCT | 4000 | 5000 | 6500 |
|---|---|---|---|
| Circuit Wattage (W) | | 39 | |
| Emergency Circuit Wattage (W) | | 41 | |
| Lumens (lm) | 4680 | 4875 | 4680 |
| Emergency Lumens (lm) | | 450 | |
| Efficacy (lm/W) | 120 | 125 | 120 |
| Emergency Efficacy (lm/W) | 114 | 119 | 114 |
| CRI | | >80 | |
| Beam Angle (°) | | 120 | |
| LED Lifetime (Hrs) | | 50,00 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Dimmable | | Yes on Corridor Function Fittings Only | |
| Operating Temp (°C) | | -25 to +50 | |
| Emergency Operating Temp (°C) | | 0 to +40 | |
| Corridor Function | | 10% | |

COMPATIBLE PRODUCTS

OVEMB6430LIS 6.4V 3000mAh LiFePo4 Battery - Serial See page 276




PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-1; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2; BS EN 61000-3-3

CE | UKCA







## 39W IP65 Dimmable Linear LED Utility Luminaires - CCT - 1200mm (4ft)

AVAILABLE FINISHES

GREY

EMERGENCY AVAILABLE | LI-ION | BATTERY WARRANTY 4 YEAR | WARRANTY 5 YEAR | DIMMABLE | IP65

COLOUR TEMPERATURE

4000K | 5000K | 6500K

ON SITE WARRANTY | CCT

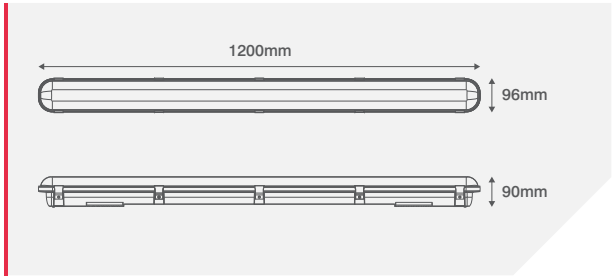
PRODUCT INFO

| CCT | 4000 | 5000 | 6500 |
|---|---|---|---|
| Circuit Wattage (W) | | 39 | |
| Emergency Circuit Wattage (W) | | 41 | |
| Lumens (lm) | 4680 | 4875 | 4680 |
| Emergency Lumens (lm) | | 450 | |
| Efficacy (lm/W) | 120 | 125 | 120 |
| Emergency Efficacy (lm/W) | 114 | 119 | 114 |
| CRI | | >80 | |
| Beam Angle (°) | | 120 | |
| LED Lifetime (Hrs) | | 50,000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Dimmable | | Yes | |
| Operating Temp (°C) | | -25 to +50 | |
| Emergency Operating Temp (°C) | | 0 to +40 | |
| Corridor Function | | 10% | |

| CODE | DESCRIPTION |
|---|---|
| OV81122DA | 1200mm LED Luminaire With DALI |
| OV81122SD | 1200mm LED Luminaire With Switch Dim |
| OV81122EMDA | 1200mm LED Luminaire With Emergency & DALI |
| OV81122EMSD | 1200mm LED Luminaire With Emergency & Switch Dim |

COMPATIBLE PRODUCTS

OVEMB6430LIS 6.4V 3000mAh LiFePo4 Battery - Serial See page 276




PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-1; BS EN 60598-2-22; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2; BS EN 61000-3-3

UKCA | CE

UTILITY

## 30W IP65 Linear LED Utility Luminaires - CCT - 1500mm (5ft)

IP65 | WARRANTY 5 YEAR | CORRIDOR FUNCTION | EMERGENCY AVAILABLE | BATTERY WARRANTY 4 YEAR | LI-ION | MICROWAVE SENSOR | SELF TEST AVAILABLE

AVAILABLE FINISHES: GREY

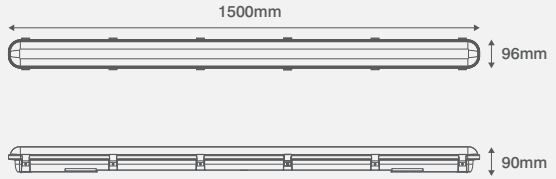
CCT | ON SITE WARRANTY

COLOUR TEMPERATURE: 4000K | 5000K | 6500K

| CODE | DESCRIPTION |
|---|---|
| OV81151 | 1500mm LED Luminaire |
| OV81151MW | 1500mm LED Luminaire With Microwave Sensor |
| OV81151EM | 1500mm LED Luminaire With Emergency |
| OV81151MWEM | 1500mm LED Luminaire With Microwave Sensor & Emergency |
| OV81151MWCF | 1500mm LED Luminaire With Microwave Sensor Having Corridor Function |
| OV81151MWEMCF | 1500mm LED Luminaire With Microwave Sensor Having Corridor Function & Emergency |

**COMPATIBLE PRODUCTS**

| | | |
|---|---|---|
| OVEMB6430LIS | 6.4V 3000mAh LiFePo4 Battery - Serial | See page 276 |




PRODUCT INFO

| CCT | 4000 | 5000 | 6500 |
|---|---|---|---|
| Circuit Wattage (W) | | 30 | |
| Emergency Circuit Wattage (W) | | 32 | |
| Lumens (lm) | 3600 | 3750 | 3600 |
| Emergency Lumens (lm) | | 450 | |
| Efficacy (lm/W) | 120 | 125 | 120 |
| Emergency Efficacy (lm/W) | 113 | 117 | 113 |
| CRI | | >80 | |
| Beam Angle (°) | | 120 | |
| LED Lifetime (Hrs) | | 50,000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Dimmable | | Yes on Corridor Function Fittings Only | |
| Operating Temp (°C) | | -25 to +50 | |
| Emergency Operating Temp (°C) | | 0 to +40 | |
| Corridor Function | | 10% | |

PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-1; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2; BS EN 61000-3-3

CE | UKCA





UTILITY

## 30W IP65 Dimmable Linear LED Utility Luminaires - CCT - 1500mm (5ft)

AVAILABLE FINISHES: GREY

EMERGENCY AVAILABLE | LI-ION | BATTERY WARRANTY 4 YEAR | WARRANTY 5 YEAR | DIMMABLE | IP65

COLOUR TEMPERATURE: 4000K | 5000K | 6500K

ON SITE WARRANTY | CCT

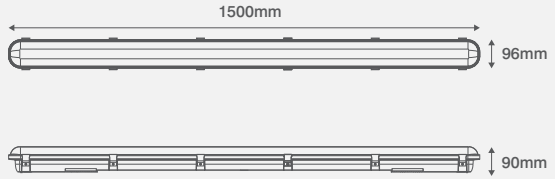
PRODUCT INFO

| CCT | 4000 | 5000 | 6500 |
|---|---|---|---|
| Circuit Wattage (W) | | 30 | |
| Emergency Circuit Wattage (W) | | 32 | |
| Lumens (lm) | 3600 | 3750 | 3600 |
| Emergency Lumens (lm) | | 450 | |
| Efficacy (lm/W) | 120 | 125 | 120 |
| Emergency Efficacy (lm/W) | 113 | 117 | 113 |
| CRI | | >80 | |
| Beam Angle (°) | | 120 | |
| LED Lifetime (Hrs) | | 50,000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Dimmable | | Yes | |
| Operating Temp (°C) | | -25 to +50 | |
| Emergency Operating Temp (°C) | | 0 to +40 | |
| Corridor Function | | 10% | |

| CODE | DESCRIPTION |
|---|---|
| OV81151DA | 1500mm LED Luminaire With DALI |
| OV81151SD | 1500mm LED Luminaire With Switch Dim |
| OV81151EMDA | 1500mm LED Luminaire With Emergency & DALI |
| OV81151EMSD | 1500mm LED Luminaire With Emergency & Switch Dim |

**COMPATIBLE PRODUCTS**

| | | |
|---|---|---|
| OVEMB6430LIS | 6.4V 3000mAh LiFePo4 Battery - Serial | See page 276 |




PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-1; BS EN 60598-2-22; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2; BS EN 61000-3-3

UKCA | CE

## 52W IP65 Linear LED Utility Luminaires - CCT - 1500mm (5ft)

IP65 | WARRANTY 5 YEAR | CORRIDOR FUNCTION | EMERGENCY AVAILABLE | BATTERY WARRANTY 4 YEAR | LI-ION | MICROWAVE SENSOR | SELF TEST AVAILABLE

AVAILABLE FINISHES: GREY

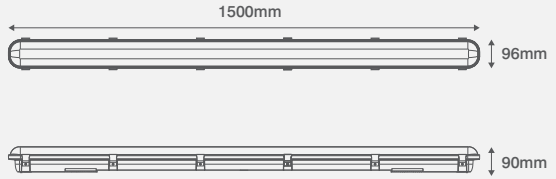
CCT | ON SITE WARRANTY

COLOUR TEMPERATURE: 4000K | 5000K | 6500K

| CODE | DESCRIPTION |
|---|---|
| OV81152 | 1500mm LED Luminaire |
| OV81152MW | 1500mm LED Luminaire With Microwave Sensor |
| OV81152EM | 1500mm LED Luminaire With Emergency |
| OV81152MWEM | 1500mm LED Luminaire With Microwave Sensor & Emergency |
| OV81152MWCF | 1500mm LED Luminaire With Microwave Sensor Having Corridor Function |
| OV81152MWEMCF | 1500mm LED Luminaire With Microwave Sensor Having Corridor Function & Emergency |

**COMPATIBLE PRODUCTS**

| | | |
|---|---|---|
| OVEMB6430LIS | 6.4V 3000mAh LiFePo4 Battery - Serial | See page 276 |




PRODUCT INFO

| CCT | 4000 | 5000 | 6500 |
|---|---|---|---|
| Circuit Wattage (W) | | 52 | |
| Emergency Circuit Wattage (W) | | 54 | |
| Lumens (lm) | 6400 | 6760 | 6400 |
| Emergency Lumens (lm) | | 450 | |
| Efficacy (lm/W) | 123 | 130 | 123 |
| Emergency Efficacy (lm/W) | 119 | 125 | 119 |
| CRI | | >80 | |
| Beam Angle (°) | | 120 | |
| LED Lifetime (Hrs) | | 50,000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Dimmable | | Yes on Corridor Function Fittings Only | |
| Operating Temp (°C) | | -25 to +50 | |
| Emergency Operating Temp (°C) | | 0 to +40 | |
| Corridor Function | | 10% | |

PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-1; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2; BS EN 61000-3-3



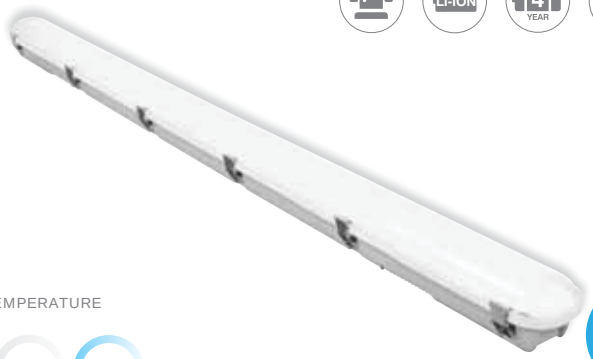




## 52W IP65 Dimmable Linear LED Utility Luminaires - CCT - 1500mm (5ft)

AVAILABLE FINISHES: GREY

EMERGENCY AVAILABLE | LI-ION | BATTERY WARRANTY 4 YEAR | WARRANTY 5 YEAR | DIMMABLE | IP65



COLOUR TEMPERATURE: 4000K | 5000K | 6500K

ON SITE WARRANTY | CCT

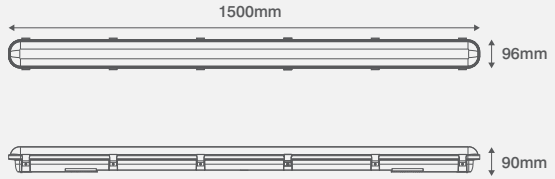
PRODUCT INFO

| CCT | 4000 | 5000 | 6500 |
|---|---|---|---|
| Circuit Wattage (W) | | 52 | |
| Emergency Circuit Wattage (W) | | 54 | |
| Lumens (lm) | 6400 | 6760 | 6400 |
| Emergency Lumens (lm) | | 450 | |
| Efficacy (lm/W) | 123 | 130 | 123 |
| Emergency Efficacy (lm/W) | 119 | 125 | 119 |
| CRI | | >80 | |
| Beam Angle (°) | | 120 | |
| LED Lifetime (Hrs) | | 50,000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Dimmable | | Yes | |
| Operating Temp (°C) | | -25 to +50 | |
| Emergency Operating Temp (°C) | | 0 to +40 | |
| Corridor Function | | 10% | |

| CODE | DESCRIPTION |
|---|---|
| OV81152DA | 1500mm LED Luminaire With DALI |
| OV81152SD | 1500mm LED Luminaire With Switch Dim |
| OV81152EMDA | 1500mm LED Luminaire With Emergency & DALI |
| OV81152EMSD | 1500mm LED Luminaire With Emergency & Switch Dim |

**COMPATIBLE PRODUCTS**

| | | |
|---|---|---|
| OVEMB6430LIS | 6.4V 3000mAh LiFePo4 Battery - Serial | See page 276 |




PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-1; BS EN 60598-2-22; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2; BS EN 61000-3-3

## 34W IP65 Linear LED Utility Luminaires - CCT - 1800mm (6ft)

IP65 | WARRANTY 5 YEAR | CORRIDOR FUNCTION | EMERGENCY AVAILABLE | BATTERY WARRANTY 4 YEAR | LI-ION | MICROWAVE SENSOR | SELF TEST AVAILABLE

AVAILABLE FINISHES

GREY

CCT | ON SITE WARRANTY

COLOUR TEMPERATURE

4000K | 5000K | 6500K

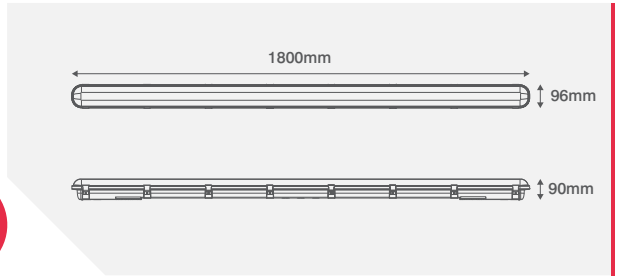
| CODE | DESCRIPTION |
|---|---|
| OV81181 | 1800mm LED Luminaire |
| OV81181MW | 1800mm LED Luminaire With Microwave Sensor |
| OV81181EM | 1800mm LED Luminaire With Emergency |
| OV81181MWEM | 1800mm LED Luminaire With Microwave Sensor & Emergency |
| OV81181MWCF | 1800mm LED Luminaire With Microwave Sensor Having Corridor Function |
| OV81181MWEMCF | 1800mm LED Luminaire With Microwave Sensor Having Corridor Function & Emergency |

PRODUCT INFO

| CCT | 4000 | 5000 | 6500 |
|---|---|---|---|
| Circuit Wattage (W) | | 34 | |
| Emergency Circuit Wattage (W) | | 36 | |
| Lumens (lm) | 4080 | 4250 | 4080 |
| Emergency Lumens (lm) | | 450 | |
| Efficacy (lm/W) | 120 | 125 | 120 |
| Emergency Efficacy (lm/W) | 113 | 118 | 113 |
| CRI | | >80 | |
| Beam Angle (°) | | 120 | |
| LED Lifetime (Hrs) | | 50,000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Dimmable | | Yes on Corridor Function Fittings Only | |
| Operating Temp (°C) | | -25 to +50 | |
| Emergency Operating Temp (°C) | | 0 to +40 | |
| Corridor Function | | 10% | |

COMPATIBLE PRODUCTS

OVEMB6430LIS 6.4V 3000mAh LiFePo4 Battery - Serial See page 276




PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-1; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2; BS EN 61000-3-3

CE | UKCA







## 34W IP65 Dimmable Linear LED Utility Luminaires - CCT - 1800mm (6ft)

AVAILABLE FINISHES

GREY

EMERGENCY AVAILABLE | LI-ION | BATTERY WARRANTY 4 YEAR | WARRANTY 5 YEAR | DIMMABLE | IP65

ON SITE WARRANTY | CCT

COLOUR TEMPERATURE

4000K | 5000K | 6500K

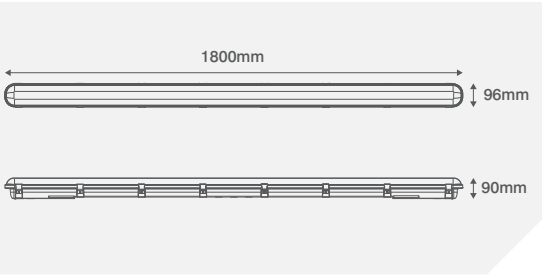
PRODUCT INFO

| CCT | 4000 | 5000 | 6500 |
|---|---|---|---|
| Circuit Wattage (W) | | 34 | |
| Emergency Circuit Wattage (W) | | 36 | |
| Lumens (lm) | 4080 | 4250 | 4080 |
| Emergency Lumens (lm) | | 450 | |
| Efficacy (lm/W) | 120 | 125 | 120 |
| Emergency Efficacy (lm/W) | 113 | 118 | 113 |
| CRI | | >80 | |
| Beam Angle (°) | | 120 | |
| LED Lifetime (Hrs) | | 50,000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Dimmable | | Yes | |
| Operating Temp (°C) | | -25 to +50 | |
| Emergency Operating Temp (°C) | | 0 to +40 | |
| Corridor Function | | 10% | |

| CODE | DESCRIPTION |
|---|---|
| OV81181DA | 1800mm LED Luminaire With DALI |
| OV81181SD | 1800mm LED Luminaire With Switch Dim |
| OV81181EMDA | 1800mm LED Luminaire With Emergency & DALI |
| OV81181EMSD | 1800mm LED Luminaire With Emergency & Switch Dim |

COMPATIBLE PRODUCTS

OVEMB6430LIS 6.4V 3000mAh LiFePo4 Battery - Serial See page 276




PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-1; BS EN 60598-2-22; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2; BS EN 61000-3-3

UKCA | CE

## 62W IP65 Linear LED Utility Luminaires - CCT - 1800mm (6ft)

IP65 | WARRANTY 5 YEAR | CORRIDOR FUNCTION | EMERGENCY AVAILABLE | BATTERY WARRANTY 4 YEAR | LI-ION | MICROWAVE SENSOR | SELF TEST AVAILABLE

AVAILABLE FINISHES

GREY

CCT | ON SITE WARRANTY

COLOUR TEMPERATURE

4000K | 5000K | 6500K

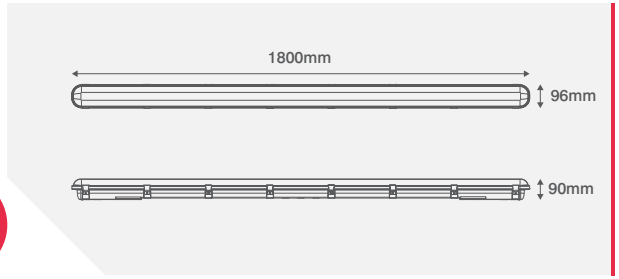
| CODE | DESCRIPTION |
|---|---|
| OV81182 | 1800mm LED Luminaire |
| OV81182MW | 1800mm LED Luminaire With Microwave Sensor |
| OV81182EM | 1800mm LED Luminaire With Emergency |
| OV81182MWEM | 1800mm LED Luminaire With Microwave Sensor & Emergency |
| OV81182MWCF | 1800mm LED Luminaire With Microwave Sensor Having Corridor Function |
| OV81182MWEMCF | 1800mm LED Luminaire With Microwave Sensor Having Corridor Function & Emergency |

PRODUCT INFO

| CCT | 4000 | 5000 | 6500 |
|---|---|---|---|
| Circuit Wattage (W) | | 62 | |
| Emergency Circuit Wattage (W) | | 64 | |
| Lumens (lm) | 8200 | 8500 | 8200 |
| Emergency Lumens (lm) | | 450 | |
| Efficacy (lm/W) | 132 | 137 | 132 |
| Emergency Efficacy (lm/W) | 128 | 133 | 128 |
| CRI | | >80 | |
| Beam Angle (°) | | 120 | |
| LED Lifetime (Hrs) | | 50,000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Dimmable | | Yes on Corridor Function Fittings Only | |
| Operating Temp (°C) | | -25 to +50 | |
| Emergency Operating Temp (°C) | | 0 to +40 | |
| Corridor Function | | 10% | |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVEMB6430LIS | 6.4V 3000mAh LiFePo4 Battery - Serial | See page 276 |




PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-1; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2; BS EN 61000-3-3

CE | UKCA







## 62W IP65 Dimmable Linear LED Utility Luminaires - CCT - 1800mm (6ft)

AVAILABLE FINISHES

GREY

EMERGENCY AVAILABLE | LI-ION | BATTERY WARRANTY 4 YEAR | WARRANTY 5 YEAR | DIMMABLE | IP65

COLOUR TEMPERATURE

4000K | 5000K | 6500K

ON SITE WARRANTY | CCT

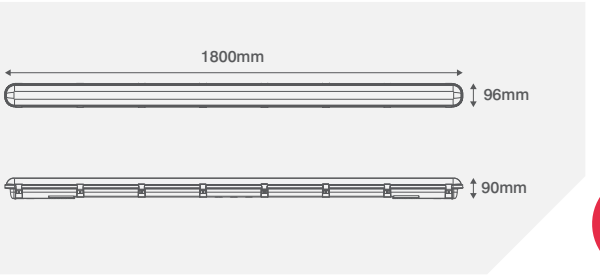
PRODUCT INFO

| CCT | 4000 | 5000 | 6500 |
|---|---|---|---|
| Circuit Wattage (W) | | 62 | |
| Emergency Circuit Wattage (W) | | 64 | |
| Lumens (lm) | 8200 | 8500 | 8200 |
| Emergency Lumens (lm) | | 450 | |
| Efficacy (lm/W) | 132 | 137 | 132 |
| Emergency Efficacy (lm/W) | 128 | 133 | 128 |
| CRI | | >80 | |
| Beam Angle (°) | | 120 | |
| LED Lifetime (Hrs) | | 50,000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Dimmable | | Yes | |
| Operating Temp (°C) | | -25 to +50 | |
| Emergency Operating Temp (°C) | | 0 to +40 | |
| Corridor Function | | 10% | |

| CODE | DESCRIPTION |
|---|---|
| OV81182DA | 1800mm LED Luminaire With DALI |
| OV81182SD | 1800mm LED Luminaire With Switch Dim |
| OV81182EMDA | 1800mm LED Luminaire With Emergency & DALI |
| OV81182EMSD | 1800mm LED Luminaire With Emergency & Switch Dim |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVEMB6430LIS | 6.4V 3000mAh LiFePo4 Battery - Serial | See page 276 |




PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-1; BS EN 60598-2-22; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2; BS EN 61000-3-3

UKCA | CE

# U-LITE

IP65 | 5 YR WARRANTY | 4000K | 50,000 HRS | IK08

## Linear LED Luminaire

Our non-corrosive design, protected against the elements, U-Lite fittings are available in 3 different lengths and each length is available in a single fluorescent lamp equivalent and a twin lamp equivalent output.

## Slimline Design

**Our twin retro fit alternative does not increase in width.**
Available in 3 different lengths...

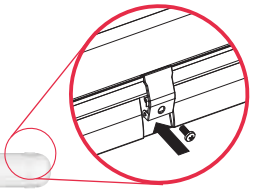
1200mm (4ft)

1500mm (5ft)

1800mm (6ft)

## Pre-Fitted Anti Tamper Clips

Anti tamper clips allow the installer to screw the retaining **clips so that others cannot open the light fitting without the** use of a tool.



LI-ION

## Lithium Battery

**Favoured for its safety, economy and efficiency our Emergency versions come** supplied with Lithium batteries.
**Lithium batteries benefit from being more energy efficient and have a longer** life making them perfect for our Emergency products within this range.

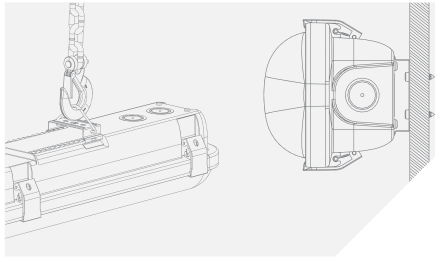
## Captive Diffuser

**By integrating the diffuser & gear tray and anchoring them** to the base, the U-Lite ensures a hassle-free installation. Complete your installation without having to fully disassemble the product to mount and wire it.
**Never lose parts! With everything you need pre-fitted to the base you'll never have to worry about misplaced control gear.**

## Easy Install

**Our U-Lite LED Luminaires are suitable for wall, ceiling or** suspension mounting and its adjustable fixing centres allow for easy retrofit instalment.

**The addition of Push Fit Terminals offers fast,** simple and clear installation.





Transparent frosted polycarbonate cover

**Dispenses light outward with an** even light spread.

Microwave sensor (if applicable)

Motion detection to allow energy savings.

Steel gear tray

**Holds the LED Strip, Microwave Sensor and Emergency LED (If Applicable).**

IP rated expanded silicone seal

**To Ensure the luminaire internal** components are protected from **the elements (IP65).**

LED power supply

Allows power distribution to the Luminaire.

4/5 piano key terminal

For easy wiring and **quick installation.**

Emergency driver and battery (if applicable)

Battery-backed device that switches on if power outages are present.

Gear tray hinge

Safety aspect to allow the cover to not fall out if clips are opened.

Stainless steel assembly clips

**Holds the base to the cover whilst making it quick and easy for the installer.**

Light weight polycarbonate base

**Holds all the internal** components and drivers.

**The image shown above** demonstrates the microwave **& emergency 6ft product.**

Microwave Sensor Version Available

Emergency Version Available

## 21W IP65 Linear LED Utility Luminaires - 1200mm (4ft)

IP65 | WARRANTY 5 YEAR | EMERGENCY AVAILABLE | BATTERY WARRANTY 4 YEAR | LI-ION | MICROWAVE SENSOR

AVAILABLE FINISHES

GREY

COLOUR TEMPERATURE

COOL WHITE

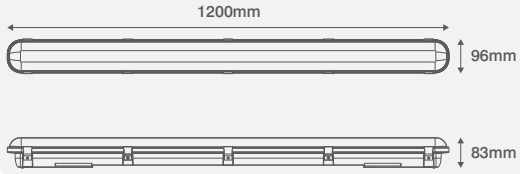
| CODE | DESCRIPTION |
|---|---|
| OV80121 | 1200mm LED Luminaire |
| OV80121EM | 1200mm LED Luminaire With Emergency |
| OV80121MW | 1200mm LED Luminaire With Microwave Sensor |
| OV80121MWEM | 1200mm LED Luminaire With Microwave Sensor & Emergency |
| OV80121MWCF | 1200mm LED Luminaire With Microwave Sensor Having Corridor Function |
| OV80121MWEMCF | 1200mm LED Luminaire With Microwave Sensor Having Corridor Function & Emergency |

PRODUCT INFO

| | Mains | Emergency |
|---|---|---|
| Circuit Wattage (W) | 21 | 23 |
| Lumens (lm) | 2520 | 2520 |
| Lumens (lm) (Corridor) | 252 | |
| Lumens (lm) (Emergency) | N/A | 300 |
| Efficacy (lm/W) | 120 | 110 |
| CCT (K) | 4000 | |
| CRI | >80 | |
| Beam Angle (°) | 105 | |
| LED Lifetime (Hrs) | 50000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50 | |
| Dimmable | No | |
| Operating Temp (°C) | -20 to +40 | 0 to +40 |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVEMB6415LIS | 6.4V 1500mAh LiFePo4 Battery – Serial | See page 276 |




PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2 BS EN 61000-3-3









## 21W IP65 Dimmable Linear LED Utility Luminaires - 1200mm (4ft)

AVAILABLE FINISHES

GREY

EMERGENCY AVAILABLE | LI-ION | BATTERY WARRANTY 4 YEAR | WARRANTY 5 YEAR | DIMMABLE | IP65

COLOUR TEMPERATURE

COOL WHITE

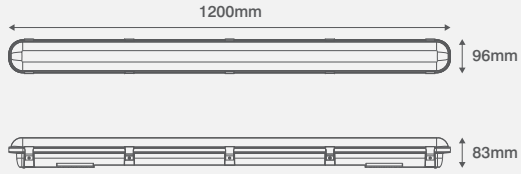
PRODUCT INFO

| | Mains | Emergency |
|---|---|---|
| Circuit Wattage (W) | 21 | 23 |
| Lumens (lm) | 2520 | 2520 |
| Lumens (lm) (Emergency) | N/A | 300 |
| Efficacy (lm/W) | 120 | 110 |
| CCT (K) | 4000 | |
| CRI | >80 | |
| Beam Angle (°) | 105 | |
| LED Lifetime (Hrs) | 50000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50 | |
| Dimmable | Yes | |
| Operating Temp (°C) | -20 to +40 | 0 to +40 |

| CODE | DESCRIPTION |
|---|---|
| OV80121DA | 1200mm LED Luminaire With DALI |
| OV80121SD | 1200mm LED Luminaire With Switch Dim |
| OV80121EMDA | 1200mm LED Luminaire With Emergency & DALI |
| OV80121EMSD | 1200mm LED Luminaire With Emergency & Switch Dim |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVEMB6415LIS | 6.4V 1500mAh LiFePo4 Battery – Serial | See page 276 |




PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2

Diffuser & LED Array Anchored To Base

## 39W IP65 Linear LED Utility Luminaires - 1200mm (4ft)

IP65 | 5 YEAR WARRANTY | EMERGENCY AVAILABLE | 4 YEAR BATTERY WARRANTY | LI-ION | MICROWAVE SENSOR

AVAILABLE FINISHES

GREY

COLOUR TEMPERATURE

COOL WHITE

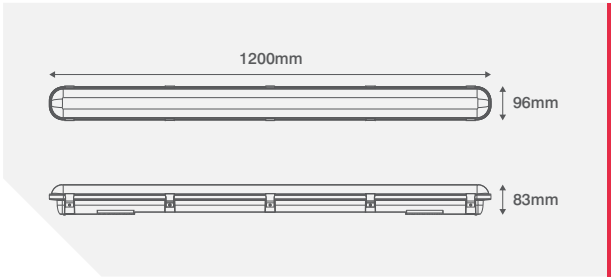
| CODE | DESCRIPTION |
|---|---|
| OV80122 | 1200mm LED Luminaire |
| OV80122EM | 1200mm LED Luminaire With Emergency |
| OV80122MW | 1200mm LED Luminaire With Microwave Sensor |
| OV80122MWEM | 1200mm LED Luminaire With Microwave Sensor & Emergency |
| OV80122MWCF | 1200mm LED Luminaire With Microwave Sensor Having Corridor Function |
| OV80122MWEMCF | 1200mm LED Luminaire With Microwave Sensor Having Corridor Function & Emergency |

PRODUCT INFO

| | Mains | Emergency |
|---|---|---|
| Circuit Wattage (W) | 39 | 41 |
| Lumens (lm) | 4680 | 4680 |
| Lumens (lm) (Corridor) | 468 | |
| Lumens (lm) (Emergency) | N/A | 650 |
| Efficacy (lm/W) | 120 | 114 |
| CCT (K) | 4000 | |
| CRI | >80 | |
| Beam Angle (°) | 105 | |
| LED Lifetime (Hrs) | 50000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50 | |
| Dimmable | No | |
| Operating Temp (°C) | -20 to +40 | 0 to +40 |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVEMB6430LIS | 6.4V 3000mAh LiFePo4 Battery - Serial | See page 276 |




PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2 BS EN 61000-3-3







## 39W IP65 Dimmable Linear LED Utility Luminaires - 1200mm (4ft)

AVAILABLE FINISHES

GREY

EMERGENCY AVAILABLE | LI-ION | 4 YEAR BATTERY WARRANTY | 5 YEAR WARRANTY | DIMMABLE | IP65

COLOUR TEMPERATURE

COOL WHITE

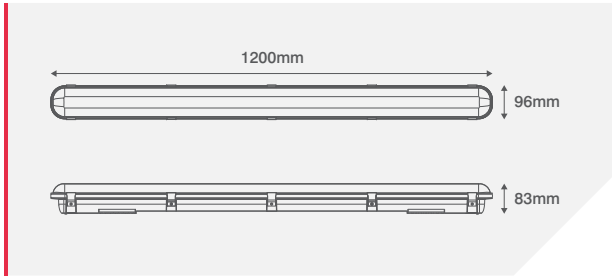
PRODUCT INFO

| | Mains | Emergency |
|---|---|---|
| Circuit Wattage (W) | 39 | 41 |
| Lumens (lm) | 4680 | 4680 |
| Lumens (lm) (Emergency) | N/A | 650 |
| Efficacy (lm/W) | 120 | 114 |
| CCT (K) | 4000 | |
| CRI | >80 | |
| Beam Angle (°) | 105 | |
| LED Lifetime (Hrs) | 50000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50 | |
| Dimmable | Yes | |
| Operating Temp (°C) | -20 to +40 | 0 to +40 |

| CODE | DESCRIPTION |
|---|---|
| OV80122DA | 1200mm LED Luminaire With DALI |
| OV80122SD | 1200mm LED Luminaire With Switch Dim |
| OV80122EMDA | 1200mm LED Luminaire With Emergency & DALI |
| OV80122EMSD | 1200mm LED Luminaire With Emergency & Switch Dim |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVEMB6430LIS | 6.4V 3000mAh LiFePo4 Battery - Serial | See page 276 |




PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2

Diffuser & LED Array Anchored To Base

## 30W IP65 Linear LED Utility Luminaires - 1500mm (5ft)

IP65 | 5 YEAR WARRANTY | EMERGENCY AVAILABLE | 4 YEAR BATTERY WARRANTY | LI-ION | MICROWAVE SENSOR

AVAILABLE FINISHES

GREY

COLOUR TEMPERATURE

COOL WHITE

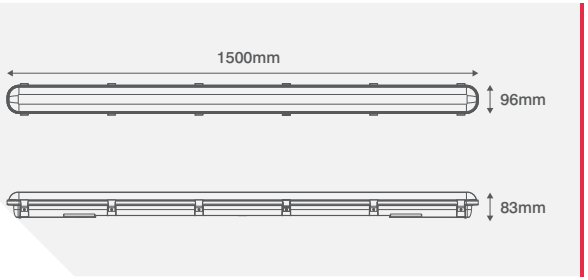
| CODE | DESCRIPTION |
|---|---|
| OV80151 | 1500mm LED Luminaire |
| OV80151EM | 1500mm LED Luminaire With Emergency |
| OV80151MW | 1500mm LED Luminaire With Microwave Sensor |
| OV80151MWEM | 1500mm LED Luminaire With Microwave Sensor & Emergency |
| OV80151MWCF | 1500mm LED Luminaire With Microwave Sensor Having Corridor Function |
| OV80151MWEMCF | 1500mm LED Luminaire With Microwave Sensor Having Corridor Function & Emergency |

PRODUCT INFO

| | Mains | Emergency |
|---|---|---|
| Circuit Wattage (W) | 30 | 32 |
| Lumens (lm) | 3600 | 3600 |
| Lumens (lm) (Corridor) | 360 | |
| Lumens (lm) (Emergency) | N/A | 300 |
| Efficacy (lm/W) | 120 | 113 |
| CCT (K) | 4000 | |
| CRI | >80 | |
| Beam Angle (°) | 105 | |
| LED Lifetime (Hrs) | 50000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50 | |
| Dimmable | No | |
| Operating Temp (°C) | -20 to +40 | 0 to +40 |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVEMB6415LIS | 6.4V 1500mAh LiFePo4 Battery – Serial | See page 276 |




PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2 BS EN 61000-3-3







## 30W IP65 Dimmable Linear LED Utility Luminaires - 1500mm (5ft)

AVAILABLE FINISHES

GREY

EMERGENCY AVAILABLE | LI-ION | 4 YEAR BATTERY WARRANTY | 5 YEAR WARRANTY | DIMMABLE | IP65

COLOUR TEMPERATURE

COOL WHITE

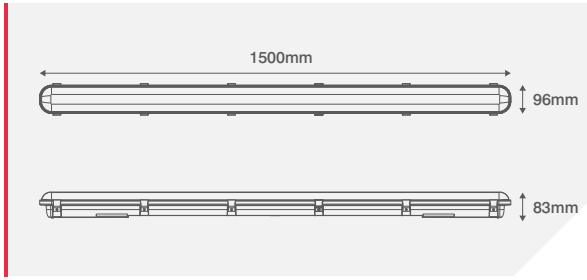
PRODUCT INFO

| | Mains | Emergency |
|---|---|---|
| Circuit Wattage (W) | 30 | 32 |
| Lumens (lm) | 3600 | 3600 |
| Lumens (lm) (Emergency) | N/A | 300 |
| Efficacy (lm/W) | 120 | 113 |
| CCT (K) | 4000 | |
| CRI | >80 | |
| Beam Angle (°) | 105 | |
| LED Lifetime (Hrs) | 50000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50 | |
| Dimmable | Yes | |
| Operating Temp (°C) | -20 to +40 | 0 to +40 |

| CODE | DESCRIPTION |
|---|---|
| OV80151DA | 1500mm LED Luminaire With DALI |
| OV80151SD | 1500mm LED Luminaire With Switch Dim |
| OV80151EMDA | 1500mm LED Luminaire With Emergency & DALI |
| OV80151EMSD | 1500mm LED Luminaire With Emergency & Switch Dim |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVEMB6415LIS | 6.4V 1500mAh LiFePo4 Battery – Serial | See page 276 |




PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2

Diffuser & LED Array Anchored To Base

## 55W IP65 Linear LED Utility Luminaires - 1500mm (5ft)

IP65 | WARRANTY 5 YEAR | EMERGENCY AVAILABLE | BATTERY WARRANTY 4 YEAR | LI-ION

AVAILABLE FINISHES

GREY

COLOUR TEMPERATURE

COOL WHITE

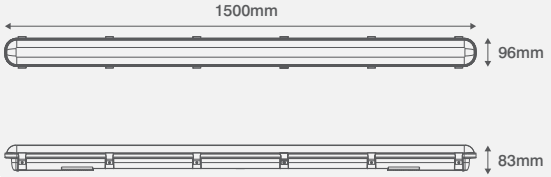
| CODE | DESCRIPTION |
|---|---|
| OV80152 | 1500mm LED Luminaire |
| OV80152EM | 1500mm LED Luminaire With Emergency |
| OV80152MW | 1500mm LED Luminaire With Microwave Sensor |
| OV80152MWEM | 1500mm LED Luminaire With Microwave Sensor & Emergency |
| OV80152MWCF | 1500mm LED Luminaire With Microwave Sensor Having Corridor Function |
| OV80152MWEMCF | 1500mm LED Luminaire With Microwave Sensor Having Corridor Function & Emergency |

PRODUCT INFO

| | Mains | Emergency |
|---|---|---|
| Circuit Wattage (W) | 55 | 57 |
| Lumens (lm) | 6600 | 6600 |
| Lumens (lm) (Corridor) | 660 | |
| Lumens (lm) (Emergency) | N/A | 650 |
| Efficacy (lm/W) | 120 | 116 |
| CCT (K) | 4000 | |
| CRI | >80 | |
| Beam Angle (°) | 105 | |
| LED Lifetime (Hrs) | 50000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50 | |
| Dimmable | No | |
| Operating Temp (°C) | -20 to +40 | 0 to +40 |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVEMB6430LIS | 6.4V 3000mAh LiFePo4 Battery - Serial | See page 276 |




Product Footnote 1

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2 BS EN 61000-3-3







## 55W IP65 Dimmable Linear LED Utility Luminaires - 1500mm (5ft)

AVAILABLE FINISHES

GREY

EMERGENCY AVAILABLE | LI-ION | BATTERY WARRANTY 4 YEAR | WARRANTY 5 YEAR | DIMMABLE | IP65

COLOUR TEMPERATURE

COOL WHITE

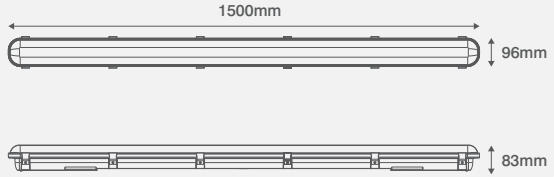
PRODUCT INFO

| | Mains | Emergency |
|---|---|---|
| Circuit Wattage (W) | 55 | 57 |
| Lumens (lm) | 6600 | 6600 |
| Lumens (lm) (Emergency) | N/A | 650 |
| Efficacy (lm/W) | 120 | 116 |
| CCT (K) | 4000 | |
| CRI | >80 | |
| Beam Angle (°) | 105 | |
| LED Lifetime (Hrs) | 50000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50 | |
| Dimmable | Yes | |
| Operating Temp (°C) | -20 to +40 | 0 to +40 |

| CODE | DESCRIPTION |
|---|---|
| OV80152DA | 1500mm LED Luminaire With DALI |
| OV80152SD | 1500mm LED Luminaire With Switch Dim |
| OV80152EMDA | 1500mm LED Luminaire With Emergency & DALI |
| OV80152EMSD | 1500mm LED Luminaire With Emergency & Switch Dim |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVEMB6430LIS | 6.4V 3000mAh LiFePo4 Battery - Serial | See page 276 |




PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2

Diffuser & LED Array Anchored To Base

## 34W IP65 Linear LED Utility Luminaires - 1800mm (6ft)

IP65 | WARRANTY 5 YEAR | EMERGENCY AVAILABLE | BATTERY WARRANTY 4 YEAR | LI-ION | MICROWAVE SENSOR

AVAILABLE FINISHES

GREY

COLOUR TEMPERATURE

COOL WHITE

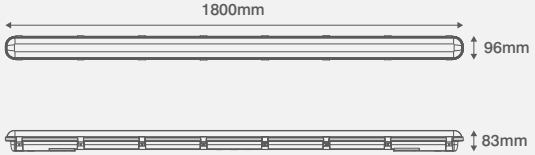
| CODE | DESCRIPTION |
|---|---|
| OV80181 | 1800mm LED Luminaire |
| OV80181EM | 1800mm LED Luminaire With Emergency |
| OV80181MW | 1800mm LED Luminaire With Microwave Sensor |
| OV80181MWEM | 1800mm LED Luminaire With Microwave Sensor & Emergency |
| OV80181MWCF | 1800mm LED Luminaire With Microwave Sensor Having Corridor Function |
| OV80181MWEMCF | 1800mm LED Luminaire With Microwave Sensor Having Corridor Function & Emergency |

PRODUCT INFO

| | Mains | Emergency |
|---|---|---|
| Circuit Wattage (W) | 34 | 36 |
| Lumens (lm) | 4080 | 4080 |
| Lumens (lm) (Corridor) | 408 | |
| Lumens (lm) (Emergency) | N/A | 350 |
| Efficacy (lm/W) | 120 | 113 |
| CCT (K) | 4000 | |
| CRI | >80 | |
| Beam Angle (°) | 105 | |
| LED Lifetime (Hrs) | 50000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50 | |
| Dimmable | No | |
| Operating Temp (°C) | -20 to +40 | 0 to +40 |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVEMB6415LIS | 6.4V 1500mAh LiFePo4 Battery – Serial | See page 276 |




PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2 BS EN 61000-3-3

CE UKCA









## 34W IP65 Dimmable Linear LED Utility Luminaires - 1800mm (6ft)

AVAILABLE FINISHES

GREY

EMERGENCY AVAILABLE | LI-ION | BATTERY WARRANTY 4 YEAR | WARRANTY 5 YEAR | DIMMABLE | IP65

COLOUR TEMPERATURE

COOL WHITE

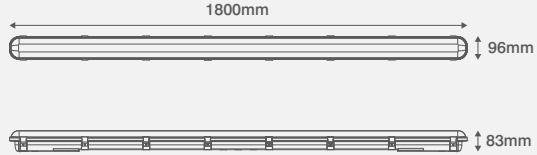
PRODUCT INFO

| | Mains | Emergency |
|---|---|---|
| Circuit Wattage (W) | 34 | 36 |
| Lumens (lm) | 4080 | 4080 |
| Lumens (lm) (Emergency) | N/A | 350 |
| Efficacy (lm/W) | 120 | 113 |
| CCT (K) | 4000 | |
| CRI | >80 | |
| Beam Angle (°) | 105 | |
| LED Lifetime (Hrs) | 50000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50 | |
| Dimmable | Yes | |
| Operating Temp (°C) | -20 to +40 | 0 to +40 |

| CODE | DESCRIPTION |
|---|---|
| OV80181DA | 1800mm LED Luminaire With DALI |
| OV80181SD | 1800mm LED Luminaire With Switch Dim |
| OV80181EMDA | 1800mm LED Luminaire With Emergency & DALI |
| OV80181EMSD | 1800mm LED Luminaire With Emergency & Switch Dim |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVEMB6415LIS | 6.4V 1500mAh LiFePo4 Battery – Serial | See page 276 |




PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2

Diffuser & LED Array Anchored To Base

UKCA CE

## 70W IP65 Linear LED Utility Luminaires - 1800mm (6ft)

IP65 | WARRANTY 5 YEAR | EMERGENCY AVAILABLE | BATTERY WARRANTY 4 YEAR | LI-ION | MICROWAVE SENSOR

AVAILABLE FINISHES

GREY

COLOUR TEMPERATURE

COOL WHITE

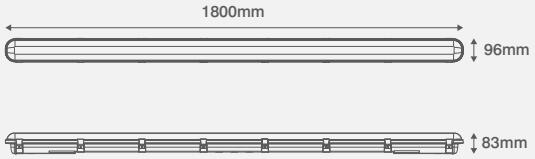
| CODE | DESCRIPTION |
|---|---|
| OV80182 | 1800mm LED Luminaire |
| OV80182EM | 1800mm LED Luminaire With Emergency |
| OV80182MW | 1800mm LED Luminaire With Microwave Sensor |
| OV80182MWEM | 1800mm LED Luminaire With Microwave Sensor & Emergency |
| OV80182MWCF | 1800mm LED Luminaire With Microwave Sensor Having Corridor Function |
| OV80182MWEMCF | 1800mm LED Luminaire With Microwave Sensor Having Corridor Function & Emergency |

PRODUCT INFO

| | Mains | Emergency |
|---|---|---|
| Circuit Wattage (W) | 70 | 72 |
| Lumens (lm) | 8400 | 8400 |
| Lumens (lm) (Corridor) | 840 | |
| Lumens (lm) (Emergency) | N/A | 700 |
| Efficacy (lm/W) | 120 | 117 |
| CCT (K) | 4000 | |
| CRI | >80 | |
| Beam Angle (°) | 105 | |
| LED Lifetime (Hrs) | 50000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50 | |
| Dimmable | No | |
| Operating Temp (°C) | -20 to +40 | 0 to +40 |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVEMB6430LIS | 6.4V 3000mAh LiFePo4 Battery - Serial | See page 276 |




PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2 BS EN 61000-3-3









## 70W IP65 Dimmable Linear LED Utility Luminaires - 1800mm (6ft)

AVAILABLE FINISHES

GREY

EMERGENCY AVAILABLE | LI-ION | BATTERY WARRANTY 4 YEAR | WARRANTY 5 YEAR | DIMMABLE | IP65

COLOUR TEMPERATURE

COOL WHITE

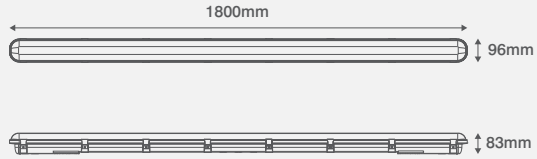
PRODUCT INFO

| | Mains | Emergency |
|---|---|---|
| Circuit Wattage (W) | 70 | 72 |
| Lumens (lm) | 8400 | 8400 |
| Lumens (lm) (Emergency) | N/A | 700 |
| Efficacy (lm/W) | 120 | 117 |
| CCT (K) | 4000 | |
| CRI | >80 | |
| Beam Angle (°) | 105 | |
| LED Lifetime (Hrs) | 50000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50 | |
| Dimmable | Yes | |
| Operating Temp (°C) | -20 to +40 | 0 to +40 |

| CODE | DESCRIPTION |
|---|---|
| OV80182DA | 1800mm LED Luminaire With DALI |
| OV80182SD | 1800mm LED Luminaire With Switch Dim |
| OV80182EMDA | 1800mm LED Luminaire With Emergency & DALI |
| OV80182EMSD | 1800mm LED Luminaire With Emergency & Switch Dim |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVEMB6430LIS | 6.4V 3000mAh LiFePo4 Battery - Serial | See page 276 |




PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2

Diffuser & LED Array Anchored To Base

## Suspension Cables

WARRANTY 5 YEAR

CHROME

| CODE | DESCRIPTION |
|---|---|
| OSUSS15 | 2 x Standard Suspension Cables for B-Lite |
| OSUSY15 | 2 x Y Shaped Suspension Cables for A-Lite |

## Battery Replacements

WARRANTY 4 YEAR

LI-ION

| CODE | DESCRIPTION | PRODUCT INFO |
|---|---|---|
| OVEMB6415LIS | 6.4V 1500mAh LiFePo4 Battery - Serial<br>U-Lite Luminaires - OV80121-EM, OV80151-EM, OV80181-EM<br>B-Lite Luminaires - OV82120-EM, OV82150-EM, OV82180-EM | Operating Temp (°C) 0 to +50 |
| OVEMB6430LIS | 6.4V 3000mAh LiFePo4 Battery - Serial<br>U-Lite Luminaires - OV80122-EM, OV80152-EM, OV80182-EM | |

WARRANTY 4 YEAR

LI-ION

| CODE | DESCRIPTION | PRODUCT INFO |
|---|---|---|
| OVEMB7418LI | 7.4V 1800mAh Li-ion Battery - Parallel<br>A-Lite Luminaires - 17W & 25W Emergency Luminaires | Operating Temp (°C) 0 to +50 |
| OVEMB7425LI | 7.4V 2500mAh Li-ion Battery - Parallel<br>A-Lite Luminaires - 32W, 50W & 60W Emergency Luminaires | |

With Pre-wired Lead & PCB Connector

PRODUCT APPROVALS

BS EN 62133

CE UKCA

# COMMERCIAL LIGHTING

# COMMERCIAL LIGHTING

A comprehensive range of products for your commercial environment. Panel lighting and **downlights with multiple features and benefits** with a variety of installation methods, including recessed, surface or suspended. Ovia® have a solution for any requirement. From cost effective options to high spec solutions our ranges offer different colour temperature options and IP ratings to cover a range of applications.

For added convenience some lines come with pre-wired Push-Fit Flow™ connectors for speed and ease of installation and there are also options for an emergency version within this extensive range.

## Contents


Panel ..... **280**

Control Gear ..... **300**

Downlights ..... **306**

## INCEPTOR® PRODUCTS TO LOOK OUT FOR IN THIS SECTION...

**SLATE**



**SLATE BACKLIT**



**SLATE BACKLIT UGR**

**TROFA**

**SKYLAR UGR16**



**APTO**

Switch 2 Inceptor

# INCEPTOR® SLATE

## Low UGR Diffuser

Low UGR diffuser making the Inceptor® Slate suitable for working environments.

5YR WARRANTY | TP(a) | IP44

## TP(a) Materials

The Building Regulations Approved Document B2 (buildings other than dwelling houses) places restrictions on the use of certain thermoplastic materials when they are used as lighting diffusers and form part of a ceiling. TP(a) rated materials may be used almost without restriction, but restrictions exist on the use of TP(b) rated materials. Inceptor® Slate ceiling panels are TP(a) as standard.

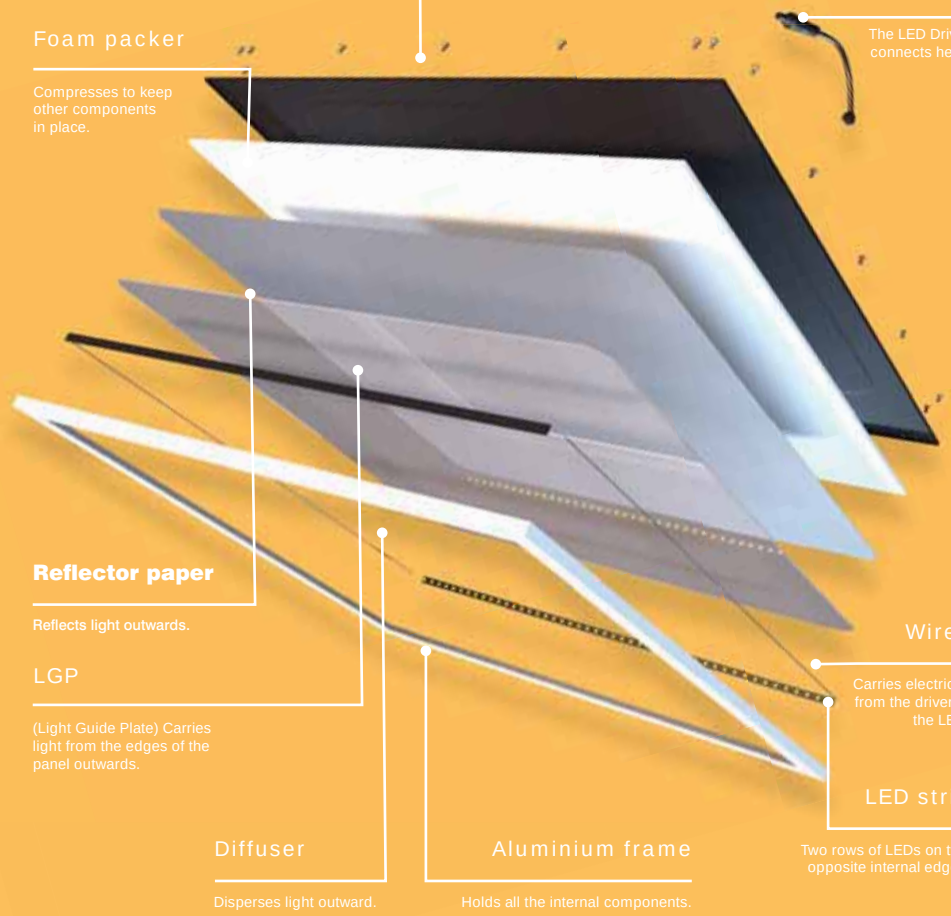
## Installation Options

Suitable for a range of installation types. We have a Suspension Kit, Surface & Recessed Frames all available for use with the Inceptor® Slate ceiling panels.

## Pre-wired Flow™ Connector

The Inceptor® **Slate includes an pre-wired push-fit 3 Pole Flow™** connector for quick and easy installation.

ON SITE WARRANTY




Suspension Brackets

UV Stabilised Diffuser

90° Beam Angle (°)

60,000 Hour Lifetime

## 30W 600mm x 600mm IP44 Edge Lit LED Panels

IP44 | WARRANTY 5 YEAR | FLAME RESISTANCE TP(a) | <19 UGR

AVAILABLE FINISHES

WHITE

ON SITE WARRANTY

Pre-wired flow™ Connector

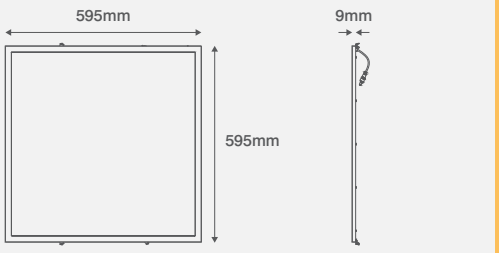
COLOUR TEMPERATURE

WARM WHITE | COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OV75301WW | 30W LED Panel - 3000K - White |
| OV75301CW | 30W LED Panel - 4000K - White |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVCGMF0001 | 240V 29-48W 3 in 1 Multi-function Dimmable Constant Current LED Driver | See page 300 |
| OVSUSP731 | Suspension Wire Kit | See page 304 |
| OVREC731 | 600mm x 600mm Recess Frame Kit | See page 304 |
| OVSURF731 | 600mm x 600mm Surface Frame Kit | See page 304 |
| OEP4 | 3 Hour Universal Emergency Pack | See page 457 |
| OEP4ST | 3 Hour Self-Test Universal Emergency Pack | See page 457 |




PRODUCT INFO

| | | |
|---|---|---|
| Circuit Wattage (W) | 30 | |
| CCT (K) | 3000 | 4000 |
| Lumens (lm) | 3150 | 3250 |
| Efficacy (lm/W) | 105 | |
| CRI | >80 | |
| Beam Angle (°) | 90 | |
| LED Lifetime (Hrs) | 60000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50/60 | |
| Dimmable | No | |
| Operating Temp | -5 to +40 | |
| UGR | <19 | |
| Flammability Rating | TP(a) | |

Complete with Remote Driver & prewired push-fit Flow™ Connector

PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-2; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547; BS EN 61535

CE UKCA







## 50W 1200mm x 600mm IP44 Edge Lit LED Panel

AVAILABLE FINISHES

WHITE

Pre-wired flow™ Connector

ON SITE WARRANTY

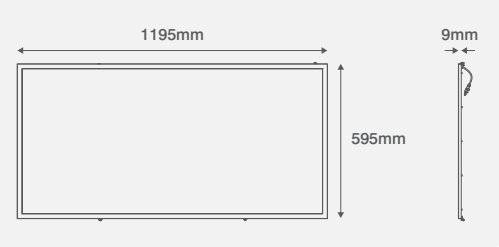
COLOUR TEMPERATURE

COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OV75503CW | 50W LED Panel - 4000K - White |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVCGMF0002 | 240V 38-69W Multi-function Dimmable Constant Current LED Driver | See page 301 |
| OVSURF733 | 1200mm x 600mm Surface Frame Kit | See page 304 |
| OVSUSP733 | Suspension Wire Kit | See page 304 |
| OEP4 | 3 Hour Universal Emergency Pack | See page 457 |
| OEP4ST | 3 Hour Self-Test Universal Emergency Pack | See page 457 |




PRODUCT INFO

| | | |
|---|---|---|
| Circuit Wattage (W) | 50 | |
| CCT (K) | 4000 | |
| Lumens (lm) | 5250 | |
| Efficacy (lm/W) | 105 | |
| CRI | >80 | |
| Beam Angle (°) | 90 | |
| LED Lifetime (Hrs) | 60000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50/60 | |
| Dimmable | No | |
| Operating Temp | -5 to +40 | |
| UGR | <19 | |
| Flammability Rating | TP(a) | |

PRODUCT APPROVALS

Complete with Remote Driver & prewired push-fit Flow™ Connector

BS EN 60598-1; BS EN 60598-2-2; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547; BS EN 61535

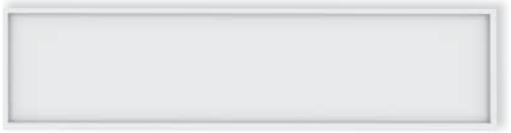
UKCA CE

# 30W 1200mm x 300mm IP44 Edge Lit LED Panel

IP44 | WARRANTY 5 YEAR | FLAME RESISTANCE TP(a) | <19 UGR

AVAILABLE FINISHES

WHITE





ON SITE WARRANTY

Pre-wired flow™ Connector

COLOUR TEMPERATURE

COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OV75302CW | 30W LED Panel - 4000K - White |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVCGMF0001 | 240V 29-48W 3 in 1 Multi-function Dimmable Constant Current LED Driver | See page 300 |
| OVSURF732 | 1200mm x 300mm Surface Frame Kit | See page 304 |
| OVSUSP733 | Suspension Wire Kit | See page 304 |
| OEP4 | 3 Hour Universal Emergency Pack | See page 457 |
| OEP4ST | 3 Hour Self-Test Universal Emergency Pack | See page 457 |

PRODUCT INFO

| | |
|---|---|
| Circuit Wattage (W) | 30 |
| CCT (K) | 4000 |
| Lumens (lm) | 3250 |
| Efficacy (lm/W) | 105 |
| CRI | >80 |
| Beam Angle (°) | 90 |
| LED Lifetime (Hrs) | 60000 |
| Voltage (AC) | 220-240 |
| Frequency (Hz) | 50/60 |
| Dimmable | No |
| Operating Temp | -5 to +40 |
| UGR | <19 |
| Flammability Rating | TP(a) |

Complete with Remote Driver & prewired push-fit Flow™ Connector

PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-2; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547; BS EN 61535

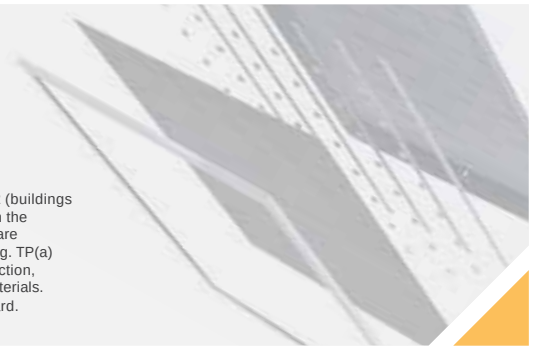
# INCEPTOR® SLATE BACKLIT

## TP(a) Rated Backlit Panel Lights

5 YR WARRANTY | IP20 | TP(a) | 3000K | 4000K | 6000K

## TP(a) Materials

The Building Regulations Approved Document B2 (buildings other than dwelling houses) places restrictions on the use of certain thermoplastic materials when they are used as lighting diffusers and form part of a ceiling. TP(a) rated materials may be used almost without restriction, but restrictions exist on the use of TP(b) rated materials. Inceptor® Slate ceiling panels are TP(a) as standard.



## Pre-wired Flow™ Connector

The Inceptor® **Slate Backlit includes an pre-wired push-fit 3** Pole Flow™ connector for quick and easy installation.

## Installation Options

Suitable for a range of installation types; a Suspension Kit & Recessed Frames are available for use with the Inceptor® Slate Backlit ceiling panels.

ON SITE WARRANTY

### Back

Steel, formed with a strengthening rib for added rigidity.

### Diffuser

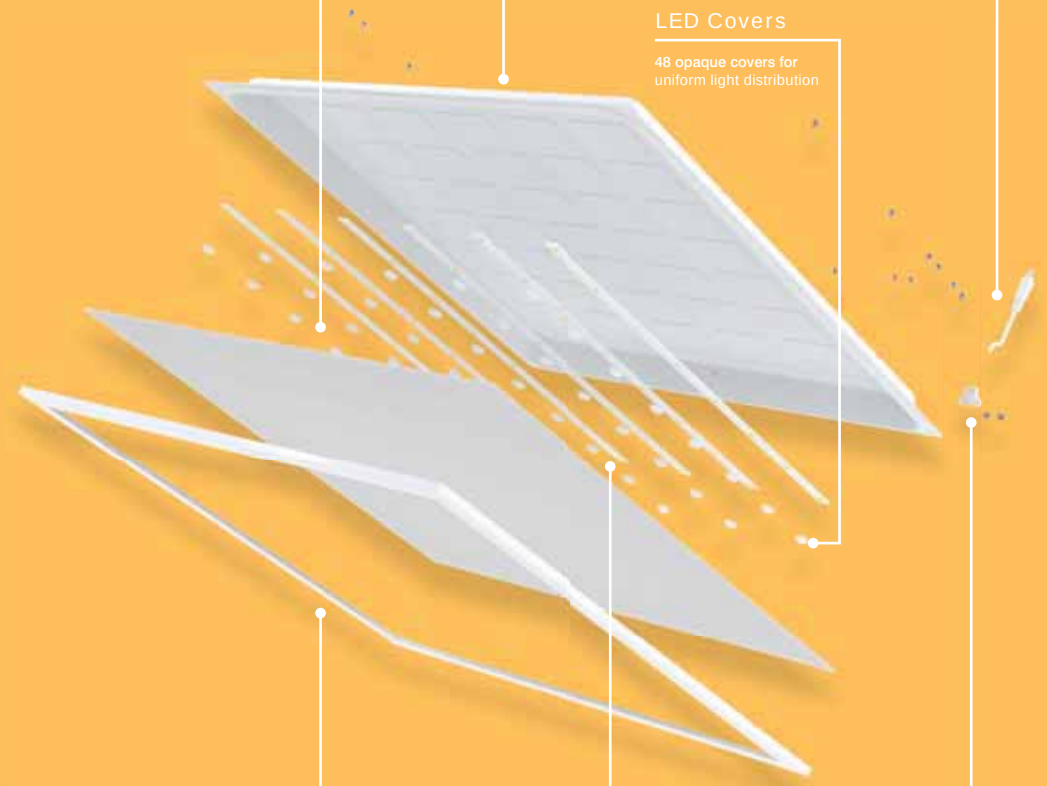
Available in Standard or Low-Glare to disperse light outwards.

### DC Connector lead (Male)

The LED Driver connects here.

### LED Covers

**48 opaque covers for** uniform light distribution



### Aluminium Frame

Holds all internal components.

### LED Strip

6 rows of LEDS.

### Cable Clamp

To secure DC connector lead.

120° Beam Angle (°)

50,000 Hours Lifetime

Dimmable Available

COMMERCIAL

## 30W 600mm x 600mm Backlit LED Panels

IP20 | WARRANTY 5 YEAR | FLAME RESISTANCE TP(b)

AVAILABLE FINISHES

WHITE

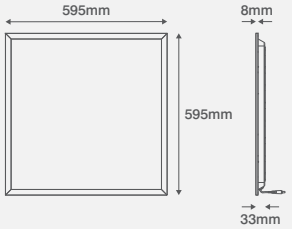
ON SITE WARRANTY

Pre-wired flow™ Connector

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION | |
|---|---|---|
| OV74301WWB | 30W LED Panel - 3000K - White | |
| OV74301CWB | 30W LED Panel - 4000K - White | |
| OV74301DLB | 30W LED Panel - 6000K - White | |
| **COMPATIBLE PRODUCTS** | | |
| OVCGMF0001 | 240V 29-48W 3 in 1 Multi-function Dimmable Constant Current LED Driver | See page 300 |
| OVSUSP731 | Suspension Wire Kit | See page 304 |
| OVREC731 | 600mm x 600mm Recess Frame Kit | See page 304 |
| OVSURF734 | 600mm x 600mm Surface Frame Kit | See page 304 |
| OEP4 | 3 Hour Universal Emergency Pack | See page 457 |
| OEP4ST | 3 Hour Self-Test Universal Emergency Pack | See page 457 |




PRODUCT INFO

| | | | |
|---|---|---|---|
| Circuit Wattage (W) | | 30 | |
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 3000 | 3100 | 3200 |
| Efficacy (lm/W) | 100 | 105 | 107 |
| CRI | | >80 | |
| Beam Angle (°) | | 120 | |
| LED Lifetime (Hrs) | | 50000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Dimmable | | No | |
| Operating Temp | | -5 to +40 | |
| Flammability Rating | | TP(b) | |

Complete with Remote Driver & prewired push-fit Flow™ Connector

PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-2; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547; BS EN 61535

CE UKCA





COMMERCIAL

## 30W 600mm x 600mm Backlit LED Panels

AVAILABLE FINISHES

WHITE

FLAME RESISTANCE TP(a) | WARRANTY 5 YEAR | IP20

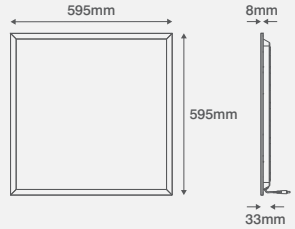
Pre-wired flow™ Connector

ON SITE WARRANTY

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION | |
|---|---|---|
| OV75301WWB | 30W LED Panel - 3000K - White | |
| OV75301CWB | 30W LED Panel - 4000K - White | |
| OV75301DLB | 30W LED Panel - 6000K - White | |
| **COMPATIBLE PRODUCTS** | | |
| OVCGMF0001 | 240V 29-48W 3 in 1 Multi-function Dimmable Constant Current LED Driver | See page 300 |
| OVSUSP731 | Suspension Wire Kit | See page 304 |
| OVREC731 | 600mm x 600mm Recess Frame Kit | See page 304 |
| OVSURF734 | 600mm x 600mm Surface Frame Kit | See page 304 |
| OEP4 | 3 Hour Universal Emergency Pack | See page 457 |
| OEP4ST | 3 Hour Self-Test Universal Emergency Pack | See page 457 |




PRODUCT INFO

| | | | |
|---|---|---|---|
| Circuit Wattage (W) | | 30 | |
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 3000 | 3150 | 3200 |
| Efficacy (lm/W) | 100 | 105 | 107 |
| CRI | | >80 | |
| Beam Angle (°) | | 120 | |
| LED Lifetime (Hrs) | | 50000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Dimmable | | No | |
| Operating Temp | | -5 to +40 | |
| Flammability Rating | | TP(a) | |

PRODUCT APPROVALS

Complete with Remote Driver & prewired push-fit Flow™ Connector

BS EN 60598-1; BS EN 60598-2-2; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547; BS EN 61535

UKCA CE

## 30W 600mm x 600mm Low-Glare Backlit LED Panels

IP20 | WARRANTY 5 YEAR | FLAME RESISTANCE TP(a) | <19 UGR

AVAILABLE FINISHES

WHITE

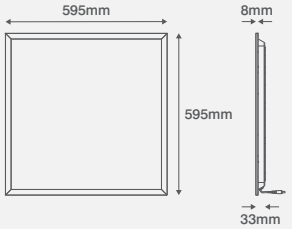
ON SITE WARRANTY

Pre-wired flow™ Connector

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION | |
|---|---|---|
| OV751301WWB | 30W LED Panel - 3000K - White | |
| OV751301CWB | 30W LED Panel - 4000K - White | |
| OV751301DLB | 30W LED Panel - 6000K - White | |
| COMPATIBLE PRODUCTS | | |
| OVCGMF0001 | 240V 29-48W 3 in 1 Multi-function Dimmable Constant Current LED Driver | See page 300 |
| OVSUSP731 | Suspension Wire Kit | See page 304 |
| OVREC731 | 600mm x 600mm Recess Frame Kit | See page 304 |
| OVSURF734 | 600mm x 600mm Surface Frame Kit | See page 304 |
| OEP4 | 3 Hour Universal Emergency Pack | See page 457 |
| OEP4ST | 3 Hour Self-Test Universal Emergency Pack | See page 457 |




PRODUCT INFO

| | | | |
|---|---|---|---|
| Circuit Wattage (W) | | 30 | |
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 3000 | 3150 | 3200 |
| Efficacy (lm/W) | 100 | 105 | 107 |
| CRI | | >80 | |
| Beam Angle (°) | | 120 | |
| LED Lifetime (Hrs) | | 50000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Dimmable | | No | |
| Operating Temp | | -5 to +40 | |
| UGR | | <19 | |
| Flammability Rating | | TP(a) | |

Complete with Remote Driver & prewired push-fit Flow™ Connector

PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-2; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547; BS EN 61535

CE UKCA







## 40W 600mm x 600mm Low-Glare Backlit LED Panels

AVAILABLE FINISHES

WHITE

FLAME RESISTANCE <19 UGR TP(a) | WARRANTY 5 YEAR | IP20

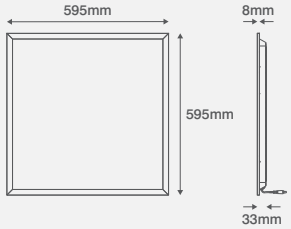
Pre-wired flow™ Connector

ON SITE WARRANTY

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION | |
|---|---|---|
| OV751401WWB | 40W LED Panel - 3000K - White | |
| OV751401CWB | 40W LED Panel - 4000K - White | |
| OV751401DLB | 40W LED Panel - 6000K - White | |
| COMPATIBLE PRODUCTS | | |
| OVCGMF0001 | 240V 29-48W 3 in 1 Multi-function Dimmable Constant Current LED Driver | See page 300 |
| OVSUSP731 | Suspension Wire Kit | See page 304 |
| OVREC731 | 600mm x 600mm Recess Frame Kit | See page 304 |
| OVSURF734 | 600mm x 600mm Surface Frame Kit | See page 304 |
| OEP4 | 3 Hour Universal Emergency Pack | See page 457 |
| OEP4ST | 3 Hour Self-Test Universal Emergency Pack | See page 457 |




PRODUCT INFO

| | | | |
|---|---|---|---|
| Circuit Wattage (W) | | 40 | |
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 4000 | 4200 | 4200 |
| Efficacy (lm/W) | 100 | 105 | 105 |
| CRI | | >80 | |
| Beam Angle (°) | | 90 | |
| LED Lifetime (Hrs) | | 50000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Dimmable | | No | |
| Operating Temp | | -5 to +40 | |
| UGR | | <19 | |
| Flammability Rating | | TP(a) | |

PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-2; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547; BS EN 61535

Complete with Remote Driver & prewired push-fit Flow™ Connector

UKCA CE

# INCEPTOR® SKYLAR UGR16

## Ultra Low Glare Panel Lights

5 YR WARRANTY | IP20 | <16 UGR

## Emergency & Dimming

Compatible with OVEMCG50 Emergency Pack & OVCGMF001 Multi-Function LED Driver to enable emergency operation and **3 different types of dimming operation.**

3 IN 1 MULTI-FUNCTION
DALI | SWITCH DIM | 1-10V

## Pre-wired Flow™ Connector

**The Tridonic driver's Fly-Lead comes pre-fitted with a male** Flow™ connector & a Fast Fit Female Flow™ connector with **push-fit terminals.**

## UGR Rating of <16

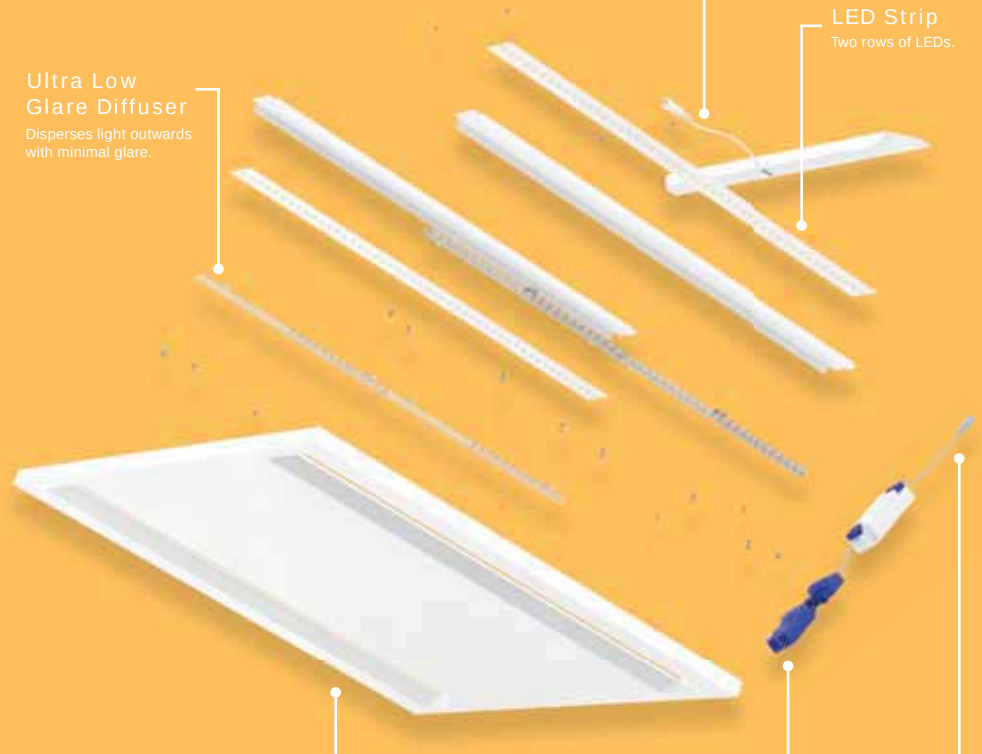
Minimises glare and refocuses the light towards the object of **illumination with its narrow 70° beam angle.**

ON SITE WARRANTY

DC Connector Lead (Male)
The LED Driver connects here.

LED Strip
Two rows of LEDs.

Ultra Low Glare Diffuser
Disperses light outwards with minimal glare.



Integrated Flow™ Connector
For quick and easy installation.

Decorative Steel Frame
To hold all internal components.

DC Connector Lead (Female)
The LED Panel connects here.

| 4000K | 70° | 50,000 Hours | Dimmable |
|---|---|---|---|
| Cool White Colour Temperature | Beam Angle (°) | Lifetime | Available |

# PANEL | INCEPTOR® SKYLAR UGR16

## 36W 600mm x 600mm Ultra Low-Glare LED Panel

IP20 | WARRANTY 5 YEAR | <16 UGR

AVAILABLE FINISHES

WHITE

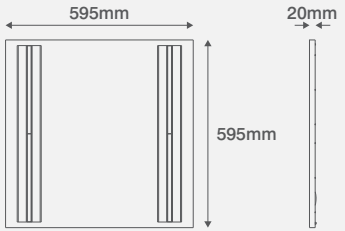
ON SITE WARRANTY

Pre-wired flow™ Connector

COLOUR TEMPERATURE

COOL WHITE

| CODE | DESCRIPTION | |
|---|---|---|
| OV771361CW | 36W LED Panel - 4000K - White | |
| COMPATIBLE PRODUCTS | | |
| OVCGMF0001 | 240V 29-48W 3 in 1 Multi-function Dimmable Constant Current LED Driver | See page 300 |
| OVSUSP731 | Suspension Wire Kit | See page 304 |
| OVREC731 | 600mm x 600mm Recess Frame Kit | See page 304 |
| OEP4 | 3 Hour Universal Emergency Pack | See page 457 |
| OEP4ST | 3 Hour Self-Test Universal Emergency Pack | See page 457 |




| PRODUCT INFO | |
|---|---|
| Circuit Wattage (W) | 36 |
| CCT (K) | 4000 |
| Lumens (lm) | 4320 |
| Efficacy (lm/W) | 120 |
| CRI | >80 |
| Beam Angle (°) | 70 |
| LED Lifetime (Hrs) | 50000 |
| Voltage (AC) | 220-240 |
| Frequency (Hz) | 50 |
| Dimmable | No |
| Operating Temp | -5 to +40 |
| UGR | <16 |

Complete with Remote Tridonic Driver & pre-wired push-fit Flow™ Connector

PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-2; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547; BS EN 61535

CE UKCA

# INCEPTOR® TROFA

## CCT Switchable LED Panels

5 YR WARRANTY | IP20 | TP(a) | 3 IN 1

### CCT SWITCH

To easily switch between 3 Colour Temperatures 3000K (Warm White), 4000K (Cool White) & 6000K (Daylight).

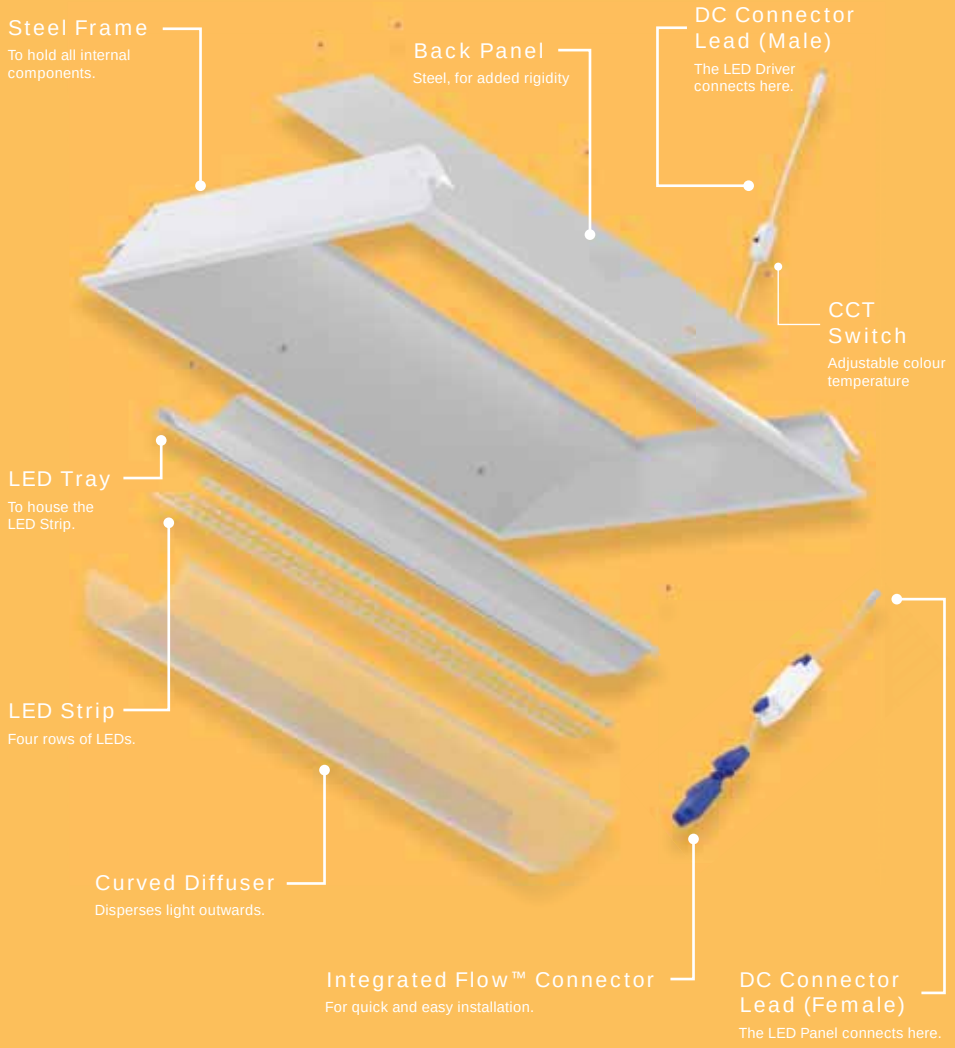
### Pre-wired Flow™ Connector

**The LED driver's Fly-Lead comes pre-fitted with a Male Flow™ connector & a Fast Fit Female Flow™ connector with push-fit terminals for quick and easy installation.**

### Emergency & Dimming

**Emergency pack and 3 in 1 multi-funtion dimmable driver are** available separately.

ON SITE WARRANTY




120° Beam Angle (°)

30,000 Hours Lifetime

Dimmable Available

## 30W 600mm x 600mm CCT Switchable LED Panel

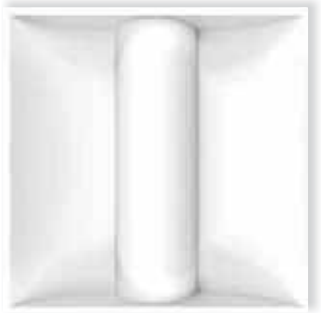
IP20

WARRANTY 5 YEAR

FLAME RESISTANCE TP(a)

AVAILABLE FINISHES

WHITE



ON SITE WARRANTY

Pre-wired flow™ Connector

CCT

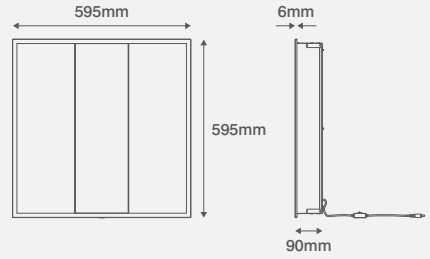
COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV772301CTA | 30W LED Panel - CCT Switchable - White |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVCGMF0001 | 240V 29-48W 3 in 1 Multi-function Dimmable Constant Current LED Driver | See page 300 |
| OVSUSP731 | Suspension Wire Kit | See page 304 |
| OVREC731 | 600mm x 600mm Recess Frame Kit | See page 304 |
| OEP4 | 3 Hour Universal Emergency Pack | See page 457 |
| OEP4ST | 3 Hour Self-Test Universal Emergency Pack | See page 457 |




PRODUCT INFO

| | | | |
|---|---|---|---|
| Circuit Wattage (W) | | 30 | |
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 3000 | 3150 | 3200 |
| Efficacy (lm/W) | 100 | 105 | 105 |
| CRI | | >80 | |
| Beam Angle (°) | | 120 | |
| LED Lifetime (Hrs) | | 30000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Dimmable | | No | |
| Operating Temp | | -5 to +40 | |
| Flammability Rating | | TP(a) | |

Complete with Remote Driver & prewired push-fit Flow™ Connector

PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-2; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547; BS EN 61535

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# MULTI FUNCTION DIMMABLE DRIVERS

5 YR WARRANTY

3 IN 1

IP20

The new Multi Function Dimmable drivers are designed to further enhance OVIA's commercial LED Downlight offering ensuring the range have the flexibility of a 3 in 1 dimmable solution.

3 Dimming options in 1 Driver

DALI, Switch & 1-10V

Constant Current LED Driver

29 - 48W version

12.7 - 33.7W version

24 - 48W version

38 - 69W version

## 3 in 1 Multi-function Dimmable Constant Current LED Drivers

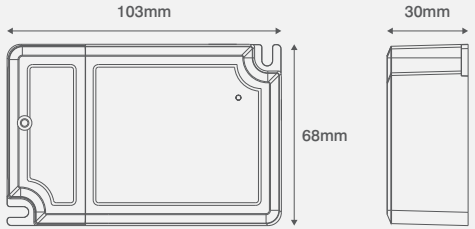
IP20 | DIMMABLE | WARRANTY 5 YEAR | MULTI-FUNCTION DRIVER 3IN1

3 IN 1 MULTI-FUNCTION
DALI | SWITCH DIM | 1-10V

| CODE | DESCRIPTION |
|---|---|
| OVCGMF0001 | 240V~ 29-48W 3 in 1 Multi-function Dimmable LED Driver |

**Suitable for all 30W LED Panels**

| PRODUCT INFO | |
|---|---|
| Circuit Wattage (W) | 42 |
| Voltage (AC) | 220-240 |
| Frequency (Hz) | 50/60 |
| Dimmable | Yes |
| Operating Temp | -20 to +45 |




**Push-fit terminals**

PRODUCT APPROVALS

BS EN 61347-2-13; BS EN 55015; BS EN 61547; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 62386-101







## 3 in 1 Multi-function Dimmable Constant Current LED Drivers

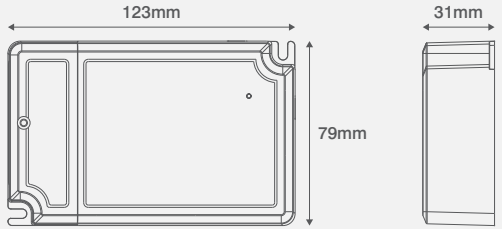
MULTI-FUNCTION DRIVER 3IN1 | WARRANTY 5 YEAR | DIMMABLE | IP20

3 IN 1 MULTI-FUNCTION
DALI | SWITCH DIM | 1-10V

| PRODUCT INFO | |
|---|---|
| Circuit Wattage (W) | 61.2 |
| Voltage (AC) | 220-240 |
| Frequency (Hz) | 50/60 |
| Dimmable | Yes |
| Operating Temp | -20 to +45 |

| CODE | DESCRIPTION |
|---|---|
| OVCGMF0002 | 240V~ 38-69W 3 in 1 Multi-function Dimmable LED Driver |

Suitable for all 50W LED Panels




PRODUCT APPROVALS

**Push-fit terminals**

BS EN 61347-2-13; BS EN 55015; BS EN 61547; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 62386-101

## 3 in 1 Multi-function Dimmable Constant Current LED Drivers

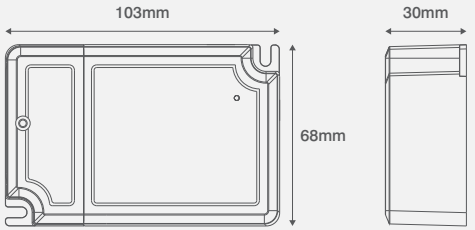
IP20 | DIMMABLE | WARRANTY 5 YEAR | MULTI-FUNCTION DRIVER 3IN1

3 IN 1 MULTI-FUNCTION
DALI | SWITCH DIM | 1-10V

| CODE | DESCRIPTION |
|---|---|
| OVCGMF0003 | 240V~ 12.7-33.7W 3 in 1 Multi-function Dimmable Constant Current LED Driver |

Suitable for AluPanels up to 12W

| PRODUCT INFO | |
|---|---|
| Circuit Wattage (W) | 29.4 |
| Voltage (AC) | 220-240 |
| Frequency (Hz) | 50/60 |
| Dimmable | Yes |
| Operating Temp | -20 to +45 |




Push-fit terminals

PRODUCT APPROVALS

BS EN 61347-2-13; BS EN 55015; BS EN 61547; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 62386-101, IEC 62386-101







## 3 in 1 Multi-function Dimmable Constant Current LED Drivers

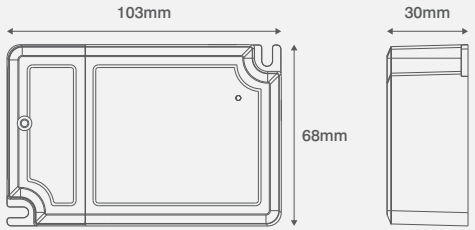
MULTI-FUNCTION DRIVER 3IN1 | WARRANTY 5 YEAR | DIMMABLE | IP20

3 IN 1 MULTI-FUNCTION
DALI | SWITCH DIM | 1-10V

| PRODUCT INFO | |
|---|---|
| Circuit Wattage (W) | 42 |
| Voltage (AC) | 220-240 |
| Frequency (Hz) | 50/60 |
| Dimmable | Yes |
| Operating Temp | -20 to +45 |

| CODE | DESCRIPTION |
|---|---|
| OVCGMF0004 | 240V~ 24-48W 3 in 1 Multi-function Dimmable Constant Current LED Driver |

**Suitable for AluPanels 18W & 24W**




PRODUCT APPROVALS

Push-fit terminals

BS EN 61347-2-13; BS EN 55015; BS EN 61547; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 62386-101, IEC 62386-101

## Panel Light Accessories

WARRANTY

5 YEAR

AVAILABLE FINISHES

WHITE CHROME

| CODE | DESCRIPTION |
|---|---|
| OVREC731 | 600mm x 600mm Recess Frame<br>**Dimensions = 630mm x 630mm x 40mm (D) Cutout = 606mm** |
| OVSURF731 | 600mm x 600mm Edge Lit Surface Frame<br>Dimensions = 605mm x 605mm x 50mm |
| OVSURF732 | 1200mm x 300mm Surface Frame<br>**Dimensions = 1200mm x 300mm x 50mm** |
| OVSURF733 | 1200mm x 600mm Surface Frame<br>Dimensions = 1200mm x 600mm x 50mm |
| OVSURF734 | 600mm x 600mm Backlit Surface Frame<br>**Dimensions = 605mm x 605mm x 67mm** |
| OVSUSP731 | 600mm x 600mm Suspension Kit<br>**Dimensions = 1400mm Drop Maximum**<br>2 point suspension kit |
| OVSUSP733 | 1200mm Long Panels Suspension Kit<br>**Dimensions = 1400mm Drop Maximum**<br>**3 point suspension kit** |
| OV7BCK | Burgess Ceiling Bracket for Backlit LED Panels |

# INCEPTOR® APTO

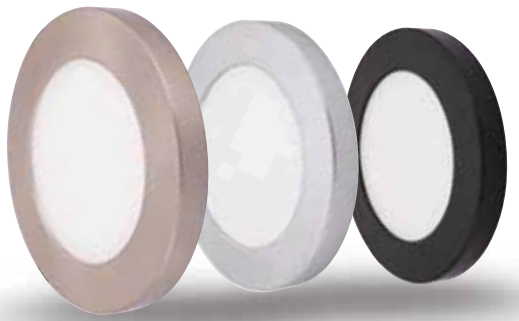
## Adaptable Downlight with CCT Switch

The Inceptor® Apto is a range of commercial downlights with adaptable mounting options. The range features **4 sizes of downlights, dimmable options available and one integrated PIR Version. Inceptor®** Apto includes **specially adapted spring features which enable the product to be retro-fitted into a range of cut-out sizes.**

3YR WARRANTY

## Magnetic Bezels

Available in Satin Chrome, Chrome and Black.

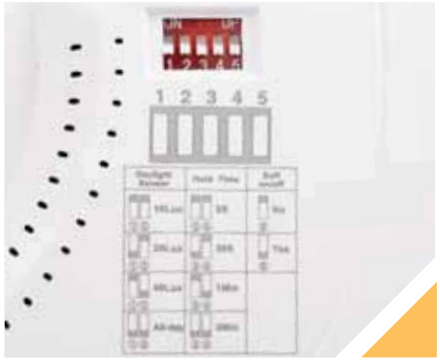


## Adjustable Colour Temperature

A built-in three position switch which grants the ability to change the colour temperature instantly.
**CCT colour temperature switch with a range of 3000K, 4000K,** 6000K, making it suitable for a wide range of locations.

## Adjustable PIR

The Inceptor® Apto has a PIR version which features **a delay timer with five configurable options.**






CIBSE LIGHTING INDUSTRY ASSOCIATION

ON SITE WARRANTY

## Surface or Semi-Recessed Installation

The Inceptor® Apto can be surface mounted or utilize circular apertures.

## Adjustable Mounting Brackets

The Inceptor® Apto has a specially adapted spring feature which enables the product to **be retro-fitted into a range of cut-out sizes.**

PIR
Version Available

Dimmable Available

Fly Lead Installation

Vented Thermal Management

Steel Safety Loop

Magnetic Bezel & Different Finishes

## 6W Adaptable Downlight With CCT Switch

AVAILABLE FINISHES

WHITE

IP20 | WARRANTY 3 YEAR | INDOOR USE



ON SITE WARRANTY

CCT

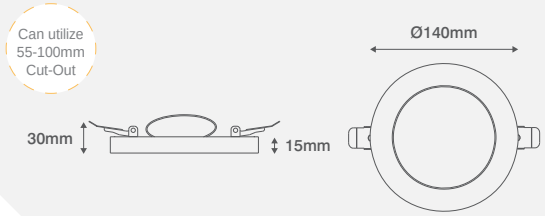
COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV6406 | 6W 140mm Diameter Downlight - White |

COMPATIBLE PRODUCTS See page 317

| | |
|---|---|
| OVBZ646BK | Fascia Ring For 6W Downlight - Black |
| OVBZ646CH | Fascia Ring For 6W Downlight - Chrome |
| OVBZ646SC | Fascia Ring For 6W Downlight - Satin Chrome |




PRODUCT INFO

| | | | |
|---|---|---|---|
| Circuit Wattage (W) | | 6 | |
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 409 | 453 | 425 |
| Efficacy (lm/W) | 68 | 76 | 71 |
| CRI | | >80 | |
| Beam Angle (°) | | 110 | |
| LED Lifetime (Hrs) | | 30000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Dimmable | | No | |
| Operating Temp | | -20 to +40 | |

Prewired with 180mm flylead

PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-2; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547; BS EN 62471; BS EN 62493

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## 12W Adaptable Downlight With CCT Switch

AVAILABLE FINISHES

WHITE

INDOOR USE | WARRANTY 3 YEAR | IP20

ON SITE WARRANTY

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

CCT

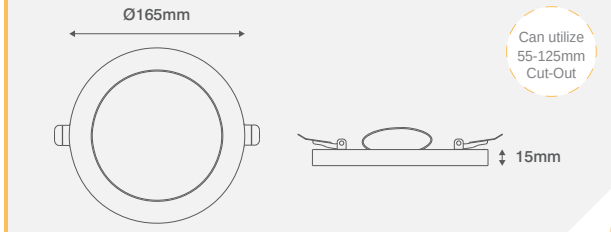
PRODUCT INFO

| | | | |
|---|---|---|---|
| Circuit Wattage (W) | | 12 | |
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 993 | 1035 | 992 |
| Efficacy (lm/W) | 83 | 86 | 83 |
| CRI | | >80 | |
| Beam Angle (°) | | 110 | |
| LED Lifetime (Hrs) | | 30000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Dimmable | | No | |
| Operating Temp | | -20 to +40 | |

| CODE | DESCRIPTION |
|---|---|
| OV6412 | 12W 165mm Diameter Downlight - White |

COMPATIBLE PRODUCTS See page 317

| | |
|---|---|
| OVBZ6412BK | Fascia Ring For 12W Downlight - Black |
| OVBZ6412CH | Fascia Ring For 12W Downlight - Chrome |
| OVBZ6412SC | Fascia Ring For 12W Downlight - Satin Chrome |




PRODUCT APPROVALS

Prewired with 150mm flylead

BS EN 60598-1; BS EN 60598-2-2; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547; BS EN 62471; BS EN 62493

UKCA CE

## 18W Adaptable Downlight With CCT Switch

IP20 | WARRANTY 3 YEAR | INDOOR USE

AVAILABLE FINISHES

WHITE

ON SITE WARRANTY

CCT

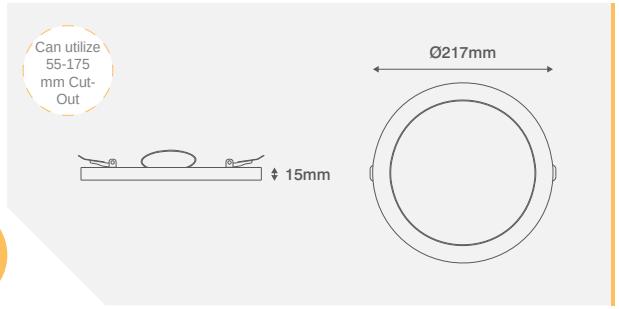
COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV6418 | 18W 217mm Diameter Downlight - White |

COMPATIBLE PRODUCTS See page 317

| | |
|---|---|
| OVBZ6418BK | Fascia Ring For 18W Downlight - Black |
| OVBZ6418CH | Fascia Ring For 18W Downlight - Chrome |
| OVBZ6418SC | Fascia Ring For 18W Downlight - Satin Chrome |




PRODUCT INFO

| | | | |
|---|---|---|---|
| Circuit Wattage (W) | | 18 | |
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 1588 | 1717 | 1580 |
| Efficacy (lm/W) | 88 | 95 | 88 |
| CRI | | >80 | |
| Beam Angle (°) | | 110 | |
| LED Lifetime (Hrs) | | 30000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Dimmable | | No | |
| Operating Temp | | -20 to +40 | |

Prewired with 250mm flylead

PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-2; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547; BS EN 62471; BS EN 62493

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## 24W Adaptable Downlight With CCT Switch

AVAILABLE FINISHES

WHITE

30000 LIFETIME | 110 BEAM ANGLE | WARRANTY 3 YEAR | IP20



ON SITE WARRANTY

COLOUR TEMPERATURE

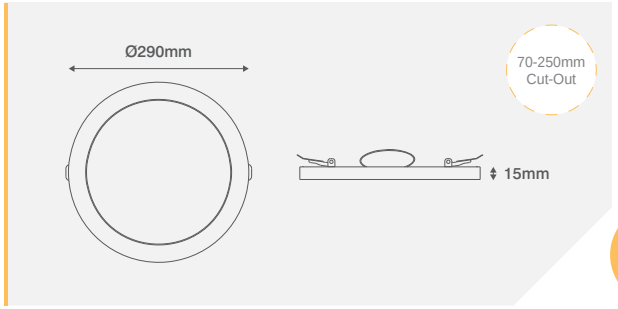
WARM WHITE | COOL WHITE | DAYLIGHT

CCT

| CODE | DESCRIPTION |
|---|---|
| OV6424 | 24W 290mm Diameter Downlight - White |

COMPATIBLE PRODUCTS See page 317

| | |
|---|---|
| OVBZ6424BK | Fascia Ring For 12W Downlight - Black |
| OVBZ6424CH | Fascia Ring For 12W Downlight - Chrome |
| OVBZ6424SC | Fascia Ring For 12W Downlight - Satin Chrome |




PRODUCT INFO

| | | | |
|---|---|---|---|
| Circuit Wattage (W) | | 24 | |
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 2181 | 2350 | 2250 |
| Efficacy (lm/W) | 90 | 95 | 93 |
| CRI | | >80 | |
| Beam Angle (°) | | 110 | |
| LED Lifetime (Hrs) | | 30000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Dimmable | | No | |
| Operating Temp | | -20 to +40 | |

PRODUCT APPROVALS

Prewired with 250mm flylead

BS EN 60598-1; BS EN 60598-2-2; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547; BS EN 62471; BS EN 62493

UKCA CE

COMMERCIAL

## 6W Adaptable Dimmable Downlight With CCT Switch

IP20 | DIMMABLE | WARRANTY 3 YEAR | 110 BEAM ANGLE | 30000 LIFETIME

AVAILABLE FINISHES

WHITE



ON SITE WARRANTY

CCT

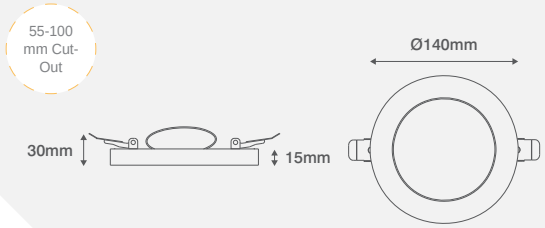
COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV6406D | 6W 140mm Diameter Dimmable Downlight - White |

COMPATIBLE PRODUCTS — See page 317

| | |
|---|---|
| OVBZ646BK | Fascia Ring For 6W Downlight - Black |
| OVBZ646CH | Fascia Ring For 6W Downlight - Chrome |
| OVBZ646SC | Fascia Ring For 6W Downlight - Satin Chrome |




PRODUCT INFO

| | | | |
|---|---|---|---|
| Circuit Wattage (W) | | 6 | |
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 340 | 390 | 360 |
| Efficacy (lm/W) | 56 | 65 | 60 |
| CRI | | >80 | |
| Beam Angle (°) | | 110 | |
| LED Lifetime (Hrs) | | 30000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Dimmable | | Yes | |
| Operating Temp | | -20 to +40 | |

Prewired with 180mm flylead

PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-2; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547; BS EN 62471; BS EN 62493

CE UKCA





COMMERCIAL

## 12W Adaptable Dimmable Downlight With CCT Switch

AVAILABLE FINISHES

WHITE

LIFETIME | 110 BEAM ANGLE | WARRANTY 3 YEAR | DIMMABLE | IP20

ON SITE WARRANTY

CCT

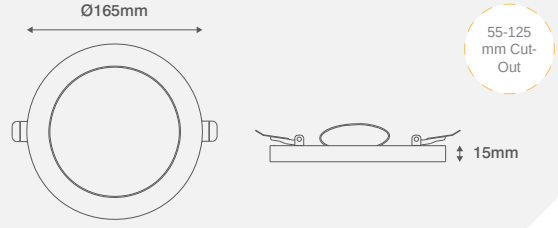
COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV6412D | 12W 165mm Diameter Dimmable Downlight - White |

COMPATIBLE PRODUCTS — See page 317

| | |
|---|---|
| OVBZ6412BK | Fascia Ring For 12W Downlight - Black |
| OVBZ6412CH | Fascia Ring For 12W Downlight - Chrome |
| OVBZ6412SC | Fascia Ring For 12W Downlight - Satin Chrome |




PRODUCT INFO

| | | | |
|---|---|---|---|
| Circuit Wattage (W) | | 12 | |
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 780 | 880 | 790 |
| Efficacy (lm/W) | 65 | 73 | 65 |
| CRI | | >80 | |
| Beam Angle (°) | | 110 | |
| LED Lifetime (Hrs) | | 30000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Dimmable | | Yes | |
| Operating Temp | | -20 to +40 | |

Prewired with 150mm flylead

PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-2; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547; BS EN 62471; BS EN 62493

UKCA CE

## 18W Adaptable Dimmable Downlight With CCT Switch

IP20 | DIMMABLE | WARRANTY 3 YEAR | 110 BEAM ANGLE | 30000 LIFETIME

AVAILABLE FINISHES

WHITE

ON SITE WARRANTY

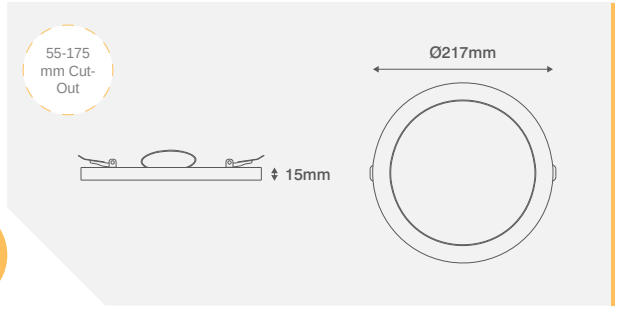
CCT

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV6418D | 18W 217mm Diameter Dimmable Downlight - White |

| COMPATIBLE PRODUCTS | See page 317 |
|---|---|
| OVBZ6418BK | Fascia Ring For 18W Downlight - Black |
| OVBZ6418CH | Fascia Ring For 18W Downlight - Chrome |
| OVBZ6418SC | Fascia Ring For 18W Downlight - Satin Chrome |




PRODUCT INFO

| | | | |
|---|---|---|---|
| Circuit Wattage (W) | | 18 | |
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 1270 | 1350 | 1260 |
| Efficacy (lm/W) | 70 | 75 | 70 |
| CRI | | >80 | |
| Beam Angle (°) | | 110 | |
| LED Lifetime (Hrs) | | 30000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Dimmable | | Yes | |
| Operating Temp | | -20 to +40 | |

Prewired with 250mm flylead

PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-2; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547; BS EN 62471; BS EN 62493

CE UKCA





## 24W Adaptable Dimmable Downlight With CCT Switch

AVAILABLE FINISHES

WHITE

LIFETIME | 110 BEAM ANGLE | WARRANTY 3 YEAR | DIMMABLE | IP20



ON SITE WARRANTY

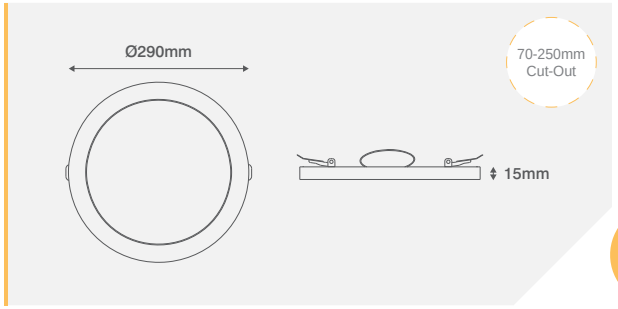
COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

CCT

| CODE | DESCRIPTION |
|---|---|
| OV6424D | 24W 290mm Diameter Dimmable Downlight - White |

| COMPATIBLE PRODUCTS | See page 317 |
|---|---|
| OVBZ6424BK | Fascia Ring For 12W Downlight - Black |
| OVBZ6424CH | Fascia Ring For 12W Downlight - Chrome |
| OVBZ6424SC | Fascia Ring For 12W Downlight - Satin Chrome |




PRODUCT INFO

| | | | |
|---|---|---|---|
| Circuit Wattage (W) | | 24 | |
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 1900 | 2050 | 1955 |
| Efficacy (lm/W) | 80 | 85 | 82 |
| CRI | | >80 | |
| Beam Angle (°) | | 110 | |
| LED Lifetime (Hrs) | | 30000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Dimmable | | Yes | |
| Operating Temp | | -20 to +40 | |

PRODUCT APPROVALS

Prewired with 250mm flylead

BS EN 60598-1; BS EN 60598-2-2; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547; BS EN 62471; BS EN 62493

UKCA CE

## 18W Adaptable Downlight With CCT Switch & PIR

IP44 | WARRANTY 3 YEAR | PIR | INDOOR USE

AVAILABLE FINISHES

WHITE

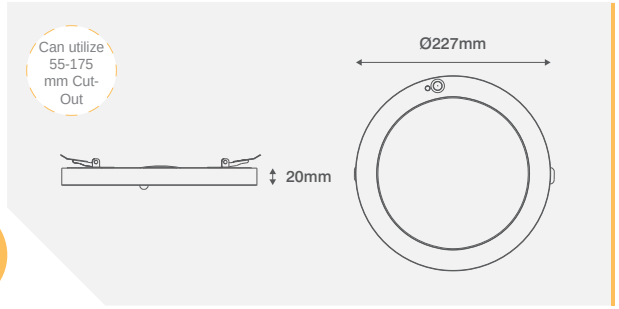
ON SITE WARRANTY

CCT

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV6418PIR | 18W 227mm Diameter Downlight With PIR - White |




PRODUCT INFO

| | | | |
|---|---|---|---|
| Circuit Wattage (W) | | 18 | |
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 1369 | 1478 | 1417 |
| Efficacy (lm/W) | 76 | 82 | 79 |
| CRI | | >80 | |
| Beam Angle (°) | | 110 | |
| LED Lifetime (Hrs) | | 30000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Dimmable | | No | |
| Operating Temp | | -20 to +40 | |
| Detection Area | | 6 | |
| Time Delay | | 5, 30 Secs, 1, 3 Mins | |
| Light Level | | 10, 20, 40 Or All-day | |

Prewired with 250mm flylead

PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-2; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547; BS EN 62471; BS EN 62493

CE | UKCA





## Apto Downlight Accessories

AVAILABLE FINISHES

BLACK | SATIN CHROME | CHROME

WARRANTY 3 YEAR | MAGNETIC BEZELS

FASCIA RING FOR 6W DOWNLIGHT

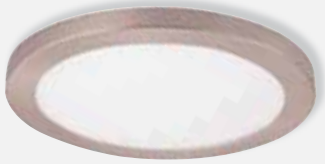
| | |
|---|---|
| OVBZ646BK | Black |
| OVBZ646CH | Chrome |
| OVBZ646SC | Satin Chrome |

FASCIA RING FOR 12W DOWNLIGHT

| | |
|---|---|
| OVBZ6412BK | Black |
| OVBZ6412CH | Chrome |
| OVBZ6412SC | Satin Chrome |

FASCIA RING FOR 18W DOWNLIGHT

| | |
|---|---|
| OVBZ6418BK | Black |
| OVBZ6418CH | Chrome |
| OVBZ6418SC | Satin Chrome |



FASCIA RING FOR 24W DOWNLIGHT

| | |
|---|---|
| OVBZ6424BK | Black |
| OVBZ6424CH | Chrome |
| OVBZ6424SC | Satin Chrome |

Not Suitable For 18W PIR Version

## 6W LED Recessed Downlights

WARRANTY

IP20 | 2 YEAR

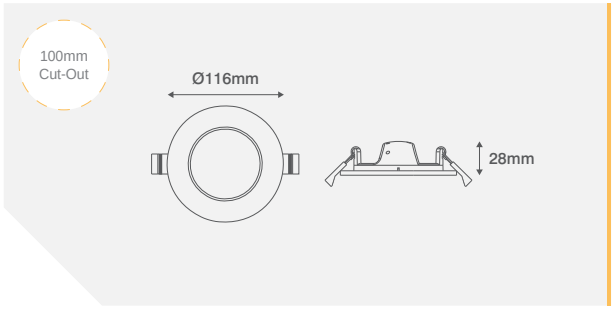
AVAILABLE FINISHES

WHITE

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OV6106WW | 6W 116mm Diameter Downlight 3000K - White |
| OV6106CW | 6W 116mm Diameter Downlight 4000K - White |




| PRODUCT INFO | | |
|---|---|---|
| Circuit Wattage (W) | 6 | |
| CCT (K) | 3000 | 4000 |
| Lumens (lm) | 360 | 390 |
| Efficacy (lm/W) | 60 | 65 |
| CRI | >80 | |
| Beam Angle (°) | 110 | |
| LED Lifetime (Hrs) | 30000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50/60 | |
| Dimmable | No | |
| Operating Temp | -10 to +40 | |

Integrated LED Driver

PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-2; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547; BS EN 62031; BS EN 62493; BS EN 61347-1; BS EN 61347-2-13

CE | UKCA







## 12W LED Recessed Downlights

AVAILABLE FINISHES

WHITE

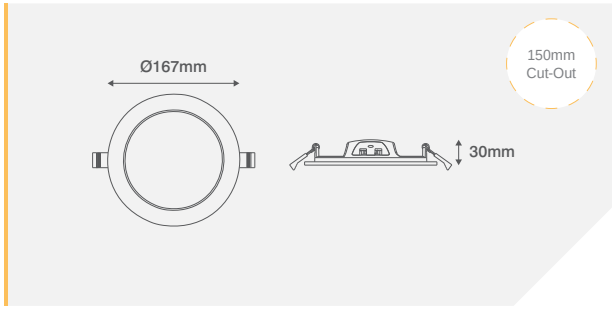
WARRANTY

2 YEAR | IP20

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OV6112WW | 12W 167mm Diameter Downlight 3000K - White |
| OV6112CW | 12W 167mm Diameter Downlight 4000K - White |




| PRODUCT INFO | | |
|---|---|---|
| Circuit Wattage (W) | 12 | |
| CCT (K) | 3000 | 4000 |
| Lumens (lm) | 840 | 900 |
| Efficacy (lm/W) | 70 | 75 |
| CRI | >80 | |
| Beam Angle (°) | 110 | |
| LED Lifetime (Hrs) | 30000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50/60 | |
| Dimmable | No | |
| Operating Temp | -10 to +40 | |

PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-2; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547; BS EN 62031; BS EN 62493; BS EN 61347-1; BS EN 61347-2-13

Integrated LED Driver

UKCA | CE

COMMERCIAL

## 18W LED Recessed Downlights

IP20

WARRANTY 2 YEAR

AVAILABLE FINISHES

WHITE

COLOUR TEMPERATURE

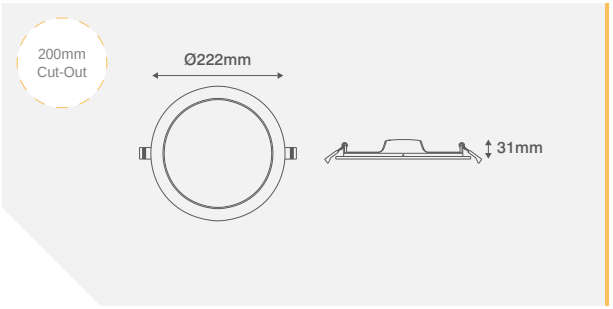
WARM WHITE

COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OV6118WW | 18W 222mm Diameter Downlight 3000K - White |
| OV6118CW | 18W 222mm Diameter Downlight 4000K - White |

PRODUCT INFO

| | | |
|---|---|---|
| Circuit Wattage (W) | 18 | |
| CCT (K) | 3000 | 4000 |
| Lumens (lm) | 1350 | 1440 |
| Efficacy (lm/W) | 75 | 80 |
| CRI | >80 | |
| Beam Angle (°) | 110 | |
| LED Lifetime (Hrs) | 30000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50/60 | |
| Dimmable | No | |
| Operating Temp | -10 to +40 | |




Integrated LED Driver

PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-2; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547; BS EN 62031; BS EN 62493; BS EN 61347-1; BS EN 61347-2-13



# ALUPANEL

3 YR WARRANTY

PRE-WIRED flow CONNECTOR

IP44

Recessed LED Downlights, dimmable when utilising the multi function dimmable driver, available separately.

Dimmable Available

20,000 Hour Lifetime

120° Beam Angle

## Multi Function Dimmable Drivers

DALI, Switch Dim & 1-10V:
3 Dimming Options In 1 Driver

The new Multi Function Dimmable drivers are designed to further enhance Ovia's commercial LED Downlight offering ensuring the range have the flexibility of a 3 in 1 dimmable solution.

Constant Current LED Driver

DALI, Switch Dim & 1-10V

IP20

3 IN 1

5 YR WARRANTY

## 9W IP44 Recessed LED Downlights

WARRANTY

IP44 | 3 YEAR

AVAILABLE FINISHES

WHITE

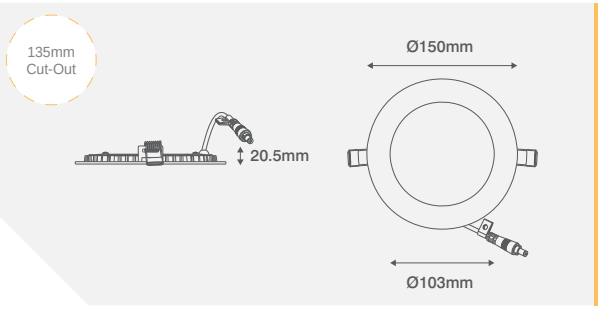
COLOUR TEMPERATURE

WARM WHITE | COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OV6209WW | 9W 150mm Diameter Downlight 3000K - White |
| OV6209CW | 9W 150mm Diameter Downlight 4000K - White |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVCGMF0003 | 240V 12.7-33.7W Multi-function Dimmable Constant Current LED Driver | See page 303 |
| OEP4 | 3 Hour Universal Emergency Pack | See page 457 |
| OEP4ST | 3 Hour Self-Test Universal Emergency Pack | See page 457 |




PRODUCT INFO

| | | |
|---|---|---|
| Circuit Wattage (W) | 9 | |
| CCT (K) | 3000 | 4000 |
| Lumens (lm) | 600 | 600 |
| Efficacy (lm/W) | 67 | 67 |
| CRI | >80 | |
| Beam Angle (°) | 120 | |
| LED Lifetime (Hrs) | 20000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50/60 | |
| Dimmable | No | |
| Operating Temp | -5 to +40 | |

Pre-wired flow™ Connector

**Complete with Remote Driver & prewired push-fit Flow™ Connector**

PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-2; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547; BS EN 62031; BS EN 61347-1; BS EN 61347-2-13; BS EN 62493

CE UKCA







## 12W IP44 Recessed LED Downlights

AVAILABLE FINISHES

WHITE

WARRANTY

3 YEAR | IP44

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE

PRODUCT INFO

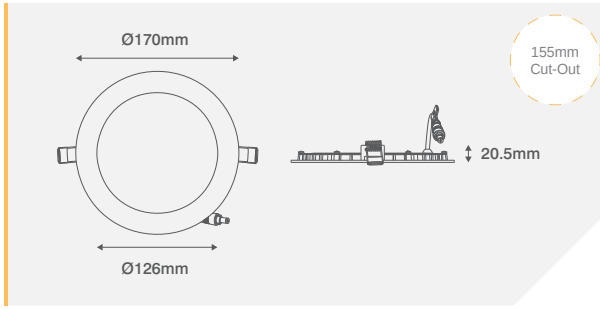
| | | |
|---|---|---|
| Circuit Wattage (W) | 12 | |
| CCT (K) | 3000 | 4000 |
| Lumens (lm) | 850 | 850 |
| Efficacy (lm/W) | 70 | 70 |
| CRI | >80 | |
| Beam Angle (°) | 120 | |
| LED Lifetime (Hrs) | 20000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50/60 | |
| Dimmable | No | |
| Operating Temp | -5 to +40 | |

Pre-wired flow™ Connector

| CODE | DESCRIPTION |
|---|---|
| OV6212WW | 12W 170mm Diameter Downlight 3000K - White |
| OV6212CW | 12W 170mm Diameter Downlight 4000K - White |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVCGMF0003 | 240V 12.7-33.7W Multi-function Dimmable Constant Current LED Driver | See page 303 |
| OEP4 | 3 Hour Universal Emergency Pack | See page 457 |
| OEP4ST | 3 Hour Self-Test Universal Emergency Pack | See page 457 |




PRODUCT APPROVALS

**Complete with Remote Driver & prewired push-fit Flow™ Connector**

BS EN 60598-1; BS EN 60598-2-2; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547; BS EN 62031; BS EN 61347-1; BS EN 61347-2-13; BS EN 62493

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## 18W IP44 Recessed LED Downlights

WARRANTY

IP44 | 3 YEAR

AVAILABLE FINISHES

WHITE

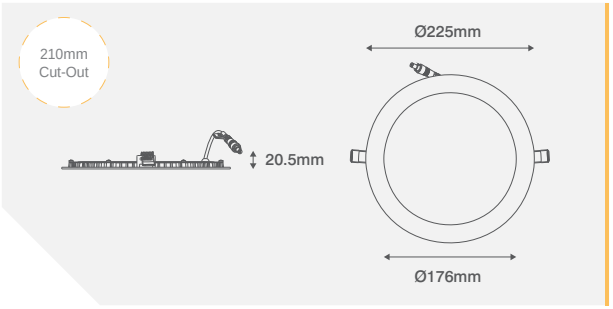
COLOUR TEMPERATURE

WARM WHITE | COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OV6218WW | 18W 225mm Diameter Downlight 3000K - White |
| OV6218CW | 18W 225mm Diameter Downlight 4000K - White |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVCGMF0004 | 240V 24-48W Multi-function Dimmable Constant Current LED Driver | See page 303 |
| OEP4 | 3 Hour Universal Emergency Pack | See page 457 |
| OEP4ST | 3 Hour Self-Test Universal Emergency Pack | See page 457 |




PRODUCT INFO

| | | |
|---|---|---|
| Circuit Wattage (W) | 18 | |
| CCT (K) | 3000 | 4000 |
| Lumens (lm) | 1300 | 1300 |
| Efficacy (lm/W) | 72 | 72 |
| CRI | >80 | |
| Beam Angle (°) | 120 | |
| LED Lifetime (Hrs) | 20000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50/60 | |
| Dimmable | No | |
| Operating Temp | -5 to +40 | |

Pre-wired flow™ Connector

Complete with Remote Driver & prewired push-fit Flow™ Connector

PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-2; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547; BS EN 62031; BS EN 61347-1; BS EN 61347-2-13; BS EN 62493

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## 24W IP44 Recessed LED Downlights

AVAILABLE FINISHES

WHITE

WARRANTY

3 YEAR | IP44

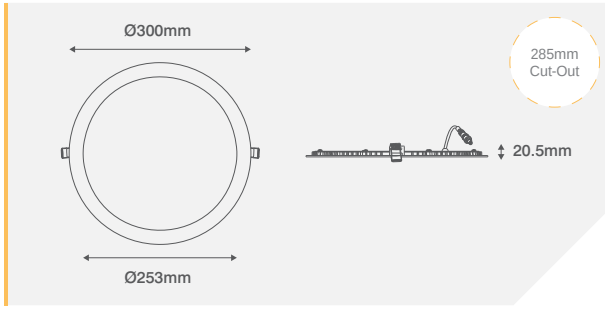
COLOUR TEMPERATURE

WARM WHITE | COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OV6224WW | 24W 300mm Diameter Downlight 3000K - White |
| OV6224CW | 24W 300mm Diameter Downlight 4000K - White |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVCGMF0004 | 240V 24-48W Multi-function Dimmable Constant Current LED Driver | See page 303 |




PRODUCT INFO

| | | |
|---|---|---|
| Circuit Wattage (W) | 24 | |
| CCT (K) | 3000 | 4000 |
| Lumens (lm) | 1800 | 1800 |
| Efficacy (lm/W) | 75 | 75 |
| CRI | >80 | |
| Beam Angle (°) | 120 | |
| LED Lifetime (Hrs) | 20000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50/60 | |
| Dimmable | No | |
| Operating Temp | -5 to +40 | |

Pre-wired flow™ Connector

PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-2; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547; BS EN 62031; BS EN 61347-1; BS EN 61347-2-13; BS EN 62493

Complete with Remote Driver & prewired push-fit Flow™ Connector
No emergency pack available

UKCA CE

# SPRITE

Aluminium LED Downlights, supplied with Triac Dimmable Drivers pre-wired with a Fast Fit Flow™ connector for quick and easier installation or additional dimming options are available using the **3 in 1 multi-function dimmable drivers available separately.**

## 4 Sizes Available

**Available in 3", 5", 6" & 8" diameter options to cover a** wide range of installation types and requirements.

5YR WARRANTY | PRE-WIRED FLOW CONNECTOR | IP54 | Triac Dimmable | 50,000 Hour Lifetime | 60° Beam Angle

## Triac & Multi- Function Dimmable

**Our Sprite fittings are Triac Dimmable as standard & can** be used with our Multi-Function Constant Current LED **Drivers on all 3 CCT Switchable Colour Temperatures.** For extra versatility the range is also Compatible with the **4W Universal Emergency Pack.**

OVCGMF003
OVCGMF001

3 IN 1

OEP4
OEP4-ST

## CCT Switch

**Easily switch between 3 Colour Temperatures 3000K (Warm White), 4000K (Cool White) & 6000K (Daylight).**

## Fast Fit Flow™ Connector

**The Sprite includes an pre-wired push-fit 3 Pole** Flow™ connector for quick and easy installation.

### 10W IP54 Recessed Triac Dimmable LED Downlight With CCT Switch

AVAILABLE FINISHES

WHITE

50000 LIFETIME | 60 BEAM ANGLE | WARRANTY 5 YEAR | DIMMABLE | IP54

Pre-wired Flow™ Connector

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

CCT

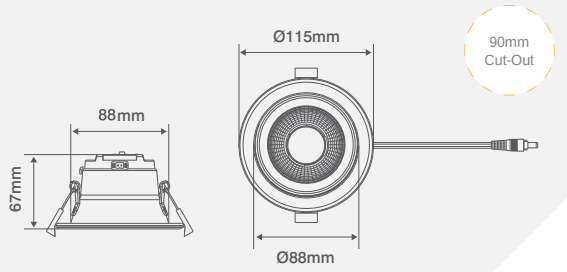
PRODUCT INFO

| | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 900 | 950 | 900 |
| Efficacy (lm/W) | 90 | 95 | 90 |
| Wattage (W) | 10 | | |
| CRI | >80 | | |
| Beam Angle (°) | 60 | | |
| LED Lifetime (Hrs) | 50000 | | |
| Voltage (AC) | 220-240 | | |
| Frequency (Hz) | 50/60 | | |
| Dimmable | Yes | | |
| Operating Temp | -5 to +45 | | |

| CODE | DESCRIPTION |
|---|---|
| OV66103CTAD | 10W 115mm Dimmable Downlight - White |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVCGMF0003 | 240V 12.7-33.7W Multi-function Dimmable Constant Current LED Driver | See page 302 |
| OEP4 | 3 Hour Universal Emergency Pack | See page 457 |
| OEP4ST | 3 Hour Self-Test Universal Emergency Pack | See page 457 |




PRODUCT APPROVALS

**Complete with Remote Driver & prewired push-fit Flow™ Connector**

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493

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## 13W IP54 Recessed Triac Dimmable LED Downlight With CCT Switch

IP54 | DIMMABLE | 5 YEAR WARRANTY | 60 BEAM ANGLE | 50000 LIFETIME

AVAILABLE FINISHES

WHITE

Pre-wired flow™ Connector

CCT

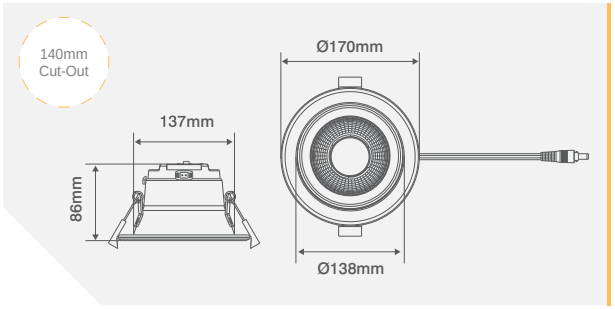
COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV66135CTAD | 13W 170mm Dimmable Downlight - White |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVCGMF0003 | 240V 12.7-33.7W Multi-function Dimmable Constant Current LED Driver | See page 302 |
| OEP4 | 3 Hour Universal Emergency Pack | See page 457 |
| OEP4ST | 3 Hour Self-Test Universal Emergency Pack | See page 457 |




PRODUCT INFO

| CCT (K) | 3000 | 4000 | 6000 |
|---|---|---|---|
| Lumens (lm) | 1250 | 1320 | 1290 |
| Efficacy (lm/W) | 99 | 105 | 102 |
| Wattage (W) | | 13 | |
| CRI | | >80 | |
| Beam Angle (°) | | 60 | |
| LED Lifetime (Hrs) | | 50000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Dimmable | | Yes | |
| Operating Temp | | -5 to +45 | |
| UGR | | <19 | |

Complete with Remote Driver & prewired push-fit Flow™ Connector

PRODUCT APPROVALS

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493

CE UKCA





COMMERCIAL

## 18W IP54 Recessed Triac Dimmable LED Downlight With CCT Switch

AVAILABLE FINISHES

WHITE

50000 LIFETIME | 60 BEAM ANGLE | 5 YEAR WARRANTY | DIMMABLE | IP54

Pre-wired flow™ Connector

CCT

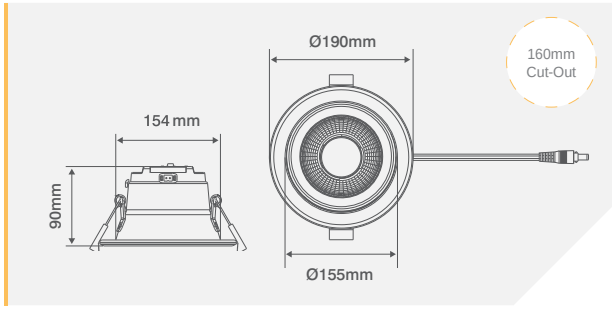
COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV66186CTAD | 18W 190mm Dimmable Downlight - White |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVCGMF0003 | 240V 12.7-33.7W Multi-function Dimmable Constant Current LED Driver | See page 302 |
| OEP4 | 3 Hour Universal Emergency Pack | See page 457 |
| OEP4ST | 3 Hour Self-Test Universal Emergency Pack | See page 457 |




PRODUCT INFO

| CCT (K) | 3000 | 4000 | 6000 |
|---|---|---|---|
| Lumens (lm) | 1900 | 2100 | 1980 |
| Efficacy (lm/W) | 106 | 118 | 110 |
| Wattage (W) | | 18 | |
| CRI | | >80 | |
| Beam Angle (°) | | 60 | |
| LED Lifetime (Hrs) | | 50000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Dimmable | | Yes | |
| Operating Temp | | -5 to +45 | |
| UGR | | <19 | |

PRODUCT APPROVALS

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493

Complete with Remote Driver & prewired push-fit Flow™ Connector

UKCA CE

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## 25W IP54 Recessed Triac Dimmable LED Downlight With CCT Switch

IP54 | DIMMABLE | WARRANTY 5 YEAR | 60 BEAM ANGLE | 50000 LIFETIME

AVAILABLE FINISHES

WHITE

Pre-wired flow™ Connector

CCT

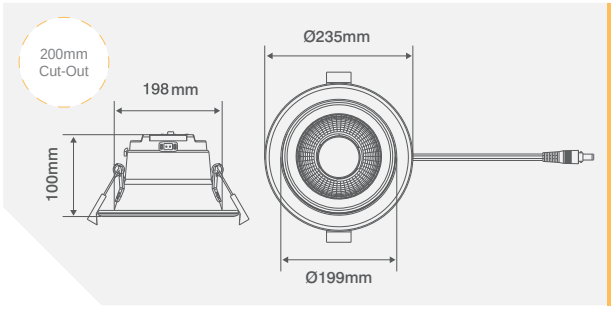
COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV66258CTAD | 25W 235mm Dimmable Downlight - White |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVCGMF0003 | 240V 12.7-33.7W Multi-function Dimmable Constant Current LED Driver | See page 302 |
| OEP4 | 3 Hour Universal Emergency Pack | See page 457 |
| OEP4ST | 3 Hour Self-Test Universal Emergency Pack | See page 457 |




PRODUCT INFO

| | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 2550 | 2720 | 2600 |
| Efficacy (lm/W) | 102 | 109 | 104 |
| Wattage (W) | | 25 | |
| CRI | | >80 | |
| Beam Angle (°) | | 60 | |
| LED Lifetime (Hrs) | | 50000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Dimmable | | Yes | |
| Operating Temp | | -5 to +45 | |
| UGR | | <19 | |

Complete with Remote Driver & prewired push-fit Flow™ Connector

PRODUCT APPROVALS

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493

CE UKCA





COMMERCIAL

## 35W IP54 Recessed Triac Dimmable LED Downlight With CCT Switch

AVAILABLE FINISHES

WHITE

50000 LIFETIME | 60 BEAM ANGLE | WARRANTY 5 YEAR | DIMMABLE | IP54

Pre-wired flow™ Connector

COLOUR TEMPERATURE

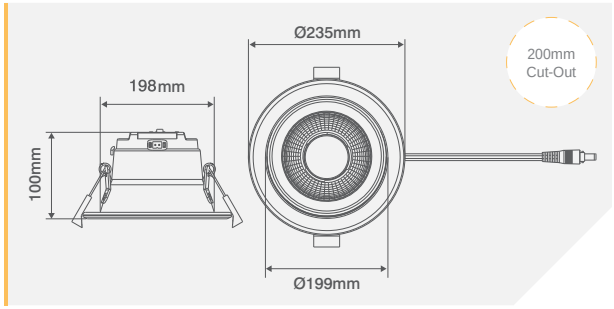
WARM WHITE | COOL WHITE | DAYLIGHT

CCT

| CODE | DESCRIPTION |
|---|---|
| OV66358CTAD | 35W 235mm Dimmable Downlight - White |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVCGMF0001 | 240V 29-48W 3 in 1 Multi-function Dimmable Constant Current LED Driver | See page 300 |
| OEP4 | 3 Hour Universal Emergency Pack | See page 457 |
| OEP4ST | 3 Hour Self-Test Universal Emergency Pack | See page 457 |




PRODUCT INFO

| | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 3300 | 3560 | 3420 |
| Efficacy (lm/W) | 98 | 108 | 99 |
| Wattage (W) | | 35 | |
| CRI | | >80 | |
| Beam Angle (°) | | 60 | |
| LED Lifetime (Hrs) | | 50000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Dimmable | | Yes | |
| Operating Temp | | -5 to +45 | |
| UGR | | <19 | |

PRODUCT APPROVALS

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493

Complete with Remote Driver & prewired push-fit Flow™ Connector

UKCA CE

# E-SPRITE

Eco Commercial LED Downlights, available in 9W, **15W, 25W or 30W. Supplied with CCT Switches** as standard & pre-wired with a Fast Fit Flow™ **connector or 3 in 1 multi-function dimming option** for quicker and easier installation.

3YR WARRANTY

PRE-WIRED flow CONNECTOR

IP20

**30,000 Hour** Lifetime

100º Beam Angle (°)

## Multi-Function Dimmable

3 IN 1

**Our E-Sprite fittings can be used with our Multi-Function Constant Current LED Drivers on all 3 CCT Switchable** Colour Temperatures.
For extra versatility the range is also Compatible with the **4W Universal Emergency Pack.**

OVCGMF003
OVCGMF001

OEP4
OEP4-ST

## CCT Switch

CCT

**Easily switch between 3 Colour Temperatures 3000K (Warm White), 4000K (Cool White) &** 6000K (Daylight).

## Fast Fit Flow™ Connector

**The E-Sprite includes an pre-wired push-fit 3 Pole** Flow™ connector for quick and easy installation.

## 9W Recessed LED Downlight With CCT Switch

IP20 | WARRANTY 3 YEAR | 100 BEAM ANGLE | 30000 LIFETIME

AVAILABLE FINISHES

WHITE

Pre-wired flow™ Connector

CCT

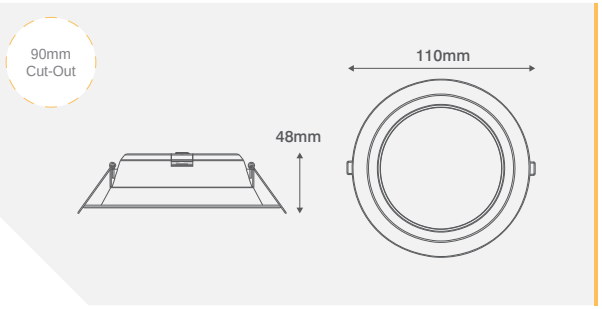
COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV679CTA | 9W 110mm Downlight - White |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVCGMF0003 | 240V 12.7-33.7W Multi-function Dimmable Constant Current LED Driver | See page 302 |
| OEP4 | 3 Hour Universal Emergency Pack | See page 457 |
| OEP4ST | 3 Hour Self-Test Universal Emergency Pack | See page 457 |




PRODUCT INFO

| CCT (K) | 3000 | 4000 | 6000 |
|---|---|---|---|
| Lumens (lm) | 720 | 855 | 765 |
| Efficacy (lm/W) | 80 | 95 | 85 |
| Wattage (W) | | 9 | |
| CRI | | >80 | |
| Beam Angle (°) | | 100 | |
| LED Lifetime (Hrs) | | 30000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Dimmable | | No | |
| Operating Temp | | -5 to +50 | |

Complete with Remote Driver & prewired push-fit Flow™ Connector

PRODUCT APPROVALS

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547

CE UKCA







## 15W Recessed LED Downlight With CCT Switch

AVAILABLE FINISHES

WHITE

30000 LIFETIME | 100 BEAM ANGLE | WARRANTY 3 YEAR | IP20

Pre-wired flow™ Connector

COLOUR TEMPERATURE

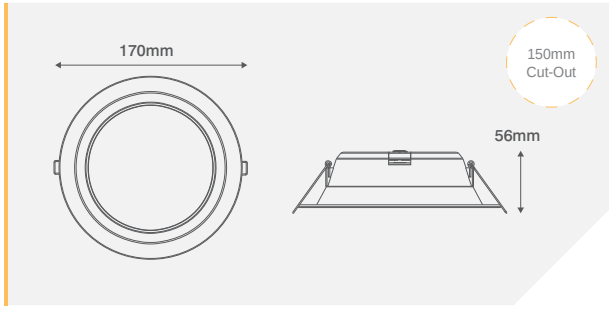
WARM WHITE | COOL WHITE | DAYLIGHT

CCT

| CODE | DESCRIPTION |
|---|---|
| OV6715CTA | 15W 170mm Downlight - White |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVCGMF0003 | 240V 12.7-33.7W Multi-function Dimmable Constant Current LED Driver | See page 302 |
| OEP4 | 3 Hour Universal Emergency Pack | See page 457 |
| OEP4ST | 3 Hour Self-Test Universal Emergency Pack | See page 457 |




PRODUCT INFO

| CCT (K) | 3000 | 4000 | 6000 |
|---|---|---|---|
| Lumens (lm) | 1200 | 1500 | 1425 |
| Efficacy (lm/W) | 80 | 100 | 95 |
| Wattage (W) | | 15 | |
| CRI | | >80 | |
| Beam Angle (°) | | 100 | |
| LED Lifetime (Hrs) | | 30000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Dimmable | | No | |
| Operating Temp | | -5 to +50 | |

PRODUCT APPROVALS

Complete with Remote Driver & prewired push-fit Flow™ Connector

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547

UKCA CE

COMMERCIAL

## 25W Recessed LED Downlight With CCT Switch

IP20 | WARRANTY 3 YEAR | 100 BEAM ANGLE | 30000 LIFETIME

AVAILABLE FINISHES

WHITE

Pre-wired flow™ Connector

CCT

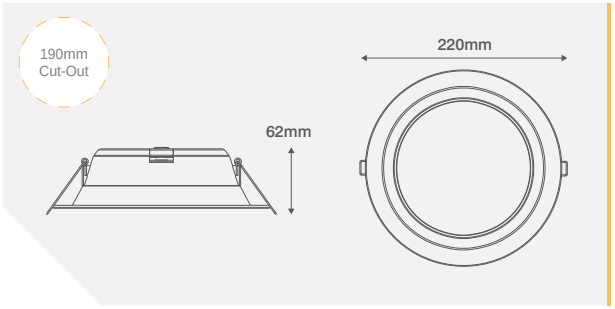
COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV6725CTA | 25W 220mm Downlight - White |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVCGMF0003 | 240V 12.7-33.7W Multi-function Dimmable Constant Current LED Driver | See page 302 |
| OEP4 | 3 Hour Universal Emergency Pack | See page 457 |
| OEP4ST | 3 Hour Self-Test Universal Emergency Pack | See page 457 |




PRODUCT INFO

| | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 2000 | 2500 | 2375 |
| Efficacy (lm/W) | 80 | 100 | 95 |
| Wattage (W) | 25 | | |
| CRI | >80 | | |
| Beam Angle (°) | 100 | | |
| LED Lifetime (Hrs) | 30000 | | |
| Voltage (AC) | 220-240 | | |
| Frequency (Hz) | 50/60 | | |
| Dimmable | No | | |
| Operating Temp | -5 to +50 | | |

Complete with Remote Driver & prewired push-fit Flow™ Connector

PRODUCT APPROVALS

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547

CE UKCA





COMMERCIAL

## 30W Recessed LED Downlight With CCT Switch

AVAILABLE FINISHES

WHITE

30000 LIFETIME | 100 BEAM ANGLE | WARRANTY 3 YEAR | IP20

Pre-wired flow™ Connector

CCT

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

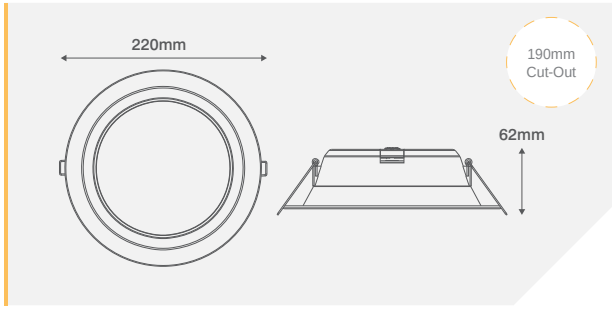
PRODUCT INFO

| | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 2400 | 3000 | 2850 |
| Efficacy (lm/W) | 80 | 100 | 95 |
| Wattage (W) | 30 | | |
| CRI | >80 | | |
| Beam Angle (°) | 100 | | |
| LED Lifetime (Hrs) | 30000 | | |
| Voltage (AC) | 220-240 | | |
| Frequency (Hz) | 50/60 | | |
| Dimmable | No | | |
| Operating Temp | -5 to +50 | | |

| CODE | DESCRIPTION |
|---|---|
| OV6730CTA | 30W 220mm Downlight - White |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVCGMF0001 | 240V 29-48W 3 in 1 Multi-function Dimmable Constant Current LED Driver | See page 300 |
| OEP4 | 3 Hour Universal Emergency Pack | See page 457 |
| OEP4ST | 3 Hour Self-Test Universal Emergency Pack | See page 457 |




PRODUCT APPROVALS

Complete with Remote Driver & prewired push-fit Flow™ Connector

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547

UKCA CE

## 9W Recessed 3 in 1 Dimmable LED Downlight With CCT Switch

IP20 | DIMMABLE | WARRANTY 3 YEAR | 100 BEAM ANGLE | 30000 LIFETIME

AVAILABLE FINISHES

WHITE

3 IN 1 MULTI-FUNCTION
DALI | SWITCH DIM | 1-10V

CCT

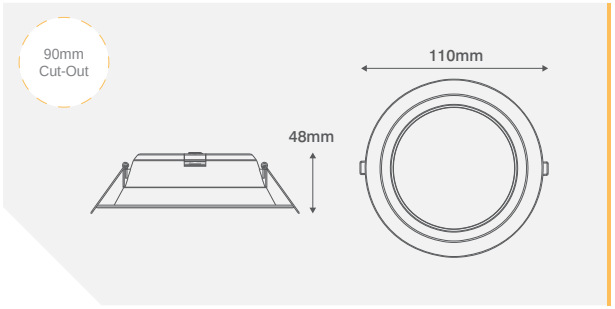
COLOUR TEMPERATURE

DAYLIGHT | COOL WHITE | WARM WHITE

| CODE | DESCRIPTION |
|---|---|
| OV679CTAMF | 9W 110mm Dimmable Downlight - White |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OEP4 | 3 Hour Universal Emergency Pack | See page 457 |
| OEP4ST | 3 Hour Self-Test Universal Emergency Pack | See page 457 |




PRODUCT INFO

| CCT (K) | 3000 | 4000 | 6000 |
|---|---|---|---|
| Lumens (lm) | 720 | 855 | 765 |
| Efficacy (lm/W) | 80 | 95 | 85 |
| Wattage (W) | | 9 | |
| CRI | | >80 | |
| Beam Angle (°) | | 100 | |
| LED Lifetime (Hrs) | | 30000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Dimmable | | Yes | |
| Operating Temp | | -20 to +50 | |

Complete with Remote 3 in 1 Multi-function Driver (Switch Dim, 1-10V & DALI)

PRODUCT APPROVALS

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547

CE







## 15W Recessed 3 in 1 Dimmable LED Downlight With CCT Switch

AVAILABLE FINISHES

WHITE

30000 LIFETIME | 100 BEAM ANGLE | WARRANTY 3 YEAR | DIMMABLE | IP20

3 IN 1 MULTI-FUNCTION
DALI | SWITCH DIM | 1-10V

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

CCT

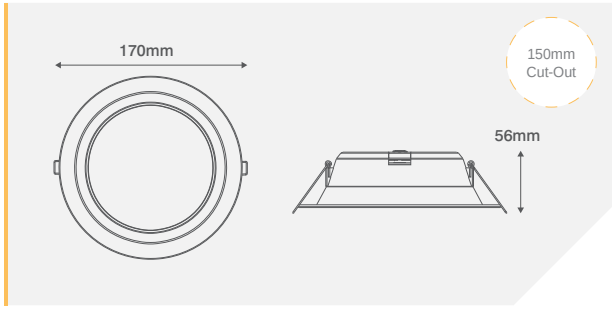
PRODUCT INFO

| CCT (K) | 3000 | 4000 | 6000 |
|---|---|---|---|
| Lumens (lm) | 1200 | 1500 | 1425 |
| Efficacy (lm/W) | 80 | 100 | 95 |
| Wattage (W) | | 15 | |
| CRI | | >80 | |
| Beam Angle (°) | | 100 | |
| LED Lifetime (Hrs) | | 30000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Dimmable | | Yes | |
| Operating Temp | | -20 to +50 | |

| CODE | DESCRIPTION |
|---|---|
| OV6715CTAMF | 15W 170mm Dimmable Downlight - White |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OEP4 | 3 Hour Universal Emergency Pack | See page 457 |
| OEP4ST | 3 Hour Self-Test Universal Emergency Pack | See page 457 |




PRODUCT APPROVALS

Complete with Remote 3 in 1 Multi-function Driver (Switch Dim, 1-10V & DALI)

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547

CE

## 25W Recessed 3 in 1 Dimmable LED Downlight With CCT Switch

IP20 | DIMMABLE | WARRANTY 3 YEAR | 100 BEAM ANGLE | 30000 LIFETIME

AVAILABLE FINISHES

WHITE

3 IN 1 MULTI-FUNCTION
DALI | SWITCH DIM | 1-10V

CCT

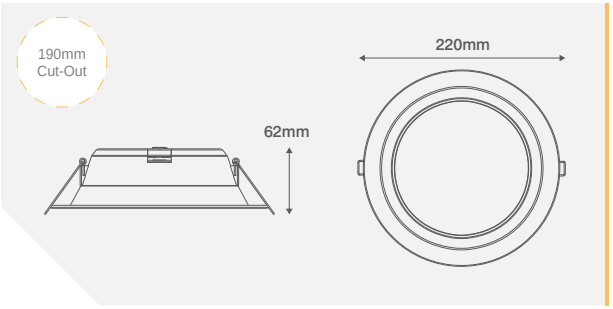
COLOUR TEMPERATURE

DAYLIGHT | COOL WHITE | WARM WHITE

| CODE | DESCRIPTION |
|---|---|
| OV6725CTAMF | 25W 220mm Dimmable Downlight - White |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OEP4 | 3 Hour Universal Emergency Pack | See page 457 |
| OEP4ST | 3 Hour Self-Test Universal Emergency Pack | See page 457 |




PRODUCT INFO

| | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 2000 | 2500 | 2375 |
| Efficacy (lm/W) | 80 | 100 | 95 |
| Wattage (W) | 25 | | |
| CRI | >80 | | |
| Beam Angle (°) | 100 | | |
| LED Lifetime (Hrs) | 30000 | | |
| Voltage (AC) | 220-240 | | |
| Frequency (Hz) | 50/60 | | |
| Dimmable | Yes | | |
| Operating Temp | -20 to +50 | | |

Complete with Remote 3 in 1 Multi-function Driver (Switch Dim, 1-10V & DALI)

PRODUCT APPROVALS

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547

CE







## 30W Recessed 3 in 1 Dimmable LED Downlight With CCT Switch

AVAILABLE FINISHES

WHITE

30000 LIFETIME | 100 BEAM ANGLE | WARRANTY 3 YEAR | DIMMABLE | IP20

3 IN 1 MULTI-FUNCTION
DALI | SWITCH DIM | 1-10V

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

CCT

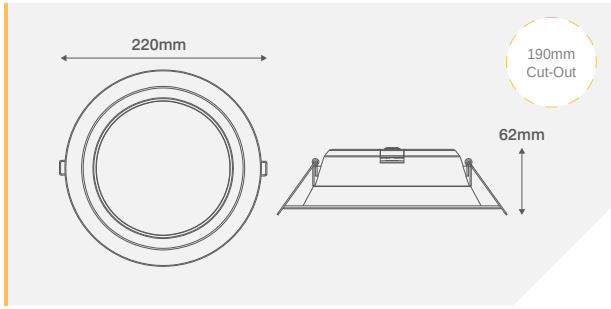
PRODUCT INFO

| | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 2400 | 3000 | 2850 |
| Efficacy (lm/W) | 80 | 100 | 95 |
| Wattage (W) | 30 | | |
| CRI | >80 | | |
| Beam Angle (°) | 100 | | |
| LED Lifetime (Hrs) | 30000 | | |
| Voltage (AC) | 220-240 | | |
| Frequency (Hz) | 50/60 | | |
| Dimmable | Yes | | |
| Operating Temp | -20 to +50 | | |

| CODE | DESCRIPTION |
|---|---|
| OV6730CTAMF | 30W 220mm Dimmable Downlight - White |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OEP4 | 3 Hour Universal Emergency Pack | See page 457 |
| OEP4ST | 3 Hour Self-Test Universal Emergency Pack | See page 457 |




PRODUCT APPROVALS

Complete with Remote 3 in 1 Multi-function Driver (Switch Dim, 1-10V & DALI)

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547

CE

# HANDY TOOLS

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- Lighting Cost Saving Calculator
- Light Fitting Quantity Calculator
- Quick Quote Calculator
- Zs Values
- Cables Selection & Voltage (AC) Drop
- Adiabatic Equation Calculator
- Power Factor Calculator
- KVA Converter
- Resistance Calculator
- Voltage (AC) Calculator
- Current Calculator
- Power Calculator

# INDUSTRIAL LIGHTING

# INDUSTRIAL LIGHTING

With efficiency and project management in mind Ovia's offering utilises some of the highest lumens per watt (Lm/W) currently available.

Our selection of Highbay lighting has been created to suit a variety of applications and are suitable for suspending from ceilings or wall mounting using the appropriate bracket available. The fittings are IP65 rated and built for purpose with an IK10 rating in order to withstand knocks and bumps from machinery & personnel.

Dimmable options are also available using (0)1-10V input to achieve the required light level. Microwave sensor options are available with a remote control to set bespoke settings. This provides energy saving and the option to create timed sequences allowing the light level to dim down and off as required.

All industrial products within the range are supported by generous warranties.

## Contents


Hi-lite Highbay ..... **346**

Dali Signal Converter ..... **352**

INCEPTOR® PRODUCTS TO LOOK OUT FOR IN THIS SECTION...

**HI-LITE**

Switch 2 Inceptor

# INCEPTOR® HI-LITE

## LED Dimmable Highbay

We have two versions of this fitting, a 0(1)-10V dimmable and a Microwave Sensor version. Both boast an IP65 and IK10 rating, IK10 is one of the highest degree of mechanical protection defined by BS EN 62262: 2002 standard.

6 YR WARRANTY

## IK10 Rated Fitting

IK10

## Dust Tight & Water Resistant

IP65

## Energy Saving Sensor Activation

The Inceptor® Hi-Lite allows you to save energy with the built in sensor by activating lights only in areas that are occupied.

## Colour Temperature Adjustable

The Inceptor® Hi-Lite has the ability to change the colour temperature between the below:

4000K - Cool White
5000K - Cool White
6500K - Daylight

CCT switch is located inside the IP65 threaded cap.

Microwave Sensor Version Available.

CIBSE LIGHTING INDUSTRY ASSOCIATION

ON SITE WARRANTY

### Food Safe

Supplied with a polycarbonate diffuser as standard making this an ideal lighting solution for food safe environments.

### Chain Mountable Hook

Supplied as standard and not required as a separate accessory

Mounting Bracket (sold separately)

50,000 Hour Lifetime

Dimmable

90° Beam Angle (°)

## 0(1)-10V Dimmable IP65 LED Highbay With CCT Switch

IP65 | WARRANTY 6 YEAR | DIMMABLE | IK10

AVAILABLE FINISHES

BLACK

CCT

ON SITE WARRANTY

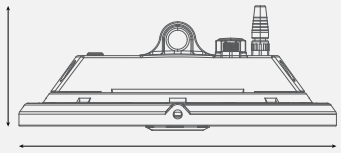
COLOUR TEMPERATURE

4000K | 5000K | 6500K

| CODE | DESCRIPTION |
|---|---|
| OXHL100 | 100W Dimmable Highbay - Black |
| OXHL150 | 150W Dimmable Highbay - Black |
| OXHL200 | 200W Dimmable Highbay - Black |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVWB108* | Bracket For Hi-Lite Highbay Fitting | See page 350 |
| OXHLEP | 5W 3 Hour Maintained IP65 Emergency Pack | See page 351 |
| OEPCL* | Highbay Emergency Pack Coupler Leads | See page 351 |
| OVHBDACV | IP67 DALI To PWM Signal Convertor | See page 348 |



100W:262 (Dia.) x 104 (D)
150W:300 (Dia.) x 102 (D)
200W:336 (Dia.) x 102 (D)

PRODUCT INFO

| | | | |
|---|---|---|---|
| CCT (K) | 4000 | 5000 | 6500 |
| Lumens (lm) 100W | 15500 | 16500 | 15000 |
| Lumens (lm) 150W | 23250 | 24750 | 22500 |
| Lumens (lm) 200W | 31000 | 33000 | 30000 |
| Efficacy (lm/W) | 155 | 165 | 150 |
| Wattage (W) | 100 | 150 | 200 |
| CRI | 80 | | |
| Beam Angle (°) | 90 | | |
| LED Lifetime (Hrs) | 50000 | | |
| Voltage (V~) | 220-240 | | |
| Frequency (Hz) (Hz) | 50/60 | | |
| Dimmable | 0(1)-10V | | |
| Operating Temp (°C) | -40 to +50 | | |

Prewired with 3 metre flyleads

PRODUCT APPROVALS

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 55015; BS EN 61547; BS EN 61000-3-2; BS EN 61000-3-3; IESNA LM-80-15

CE | UKCA







## 0(1)-10V Dimmable IP65 LED Highbay With CCT Switch & Microwave Sensor

AVAILABLE FINISHES

BLACK

IK10 | MICROWAVE SENSOR | DIMMABLE | WARRANTY 6 YEAR | IP65

ON SITE WARRANTY

CCT

COLOUR TEMPERATURE

4000K | 5000K | 6500K

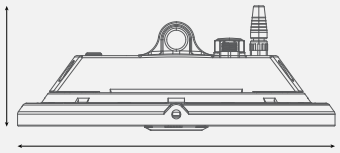
PRODUCT INFO

| | | | |
|---|---|---|---|
| CCT (K) | 4000 | 5000 | 6500 |
| Lumens (lm) 100W | 15500 | 16500 | 15000 |
| Lumens (lm) 150W | 23250 | 24750 | 22500 |
| Lumens (lm) 200W | 31000 | 33000 | 30000 |
| Efficacy (lm/W) | 155 | 165 | 150 |
| Wattage (W) | 100 | 150 | 200 |
| CRI | 80 | | |
| Beam Angle (°) | 90 | | |
| LED Lifetime (Hrs) | 50000 | | |
| Voltage (V~) | 220-240 | | |
| Frequency (Hz) (Hz) | 50/60 | | |
| Dimmable | Via The Sensor | | |
| Operating Temp (°C) | -40 to +50 | | |

| CODE | DESCRIPTION | |
|---|---|---|
| OXHL100-M | 100W Highbay With Microwave Sensor - Black | |
| OXHL150-M | 150W Highbay With Microwave Sensor - Black | |
| OXHL200-M | 200W Highbay With Microwave Sensor - Black | |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVWB108* | Bracket For Hi-Lite Highbay Fitting | See page 350 |
| OXHLEP | 5W 3 Hour Maintained IP65 Emergency Pack | See page 351 |
| OEPCL* | Highbay Emergency Pack Coupler Leads | See page 351 |
| OVCGHBIRR | Remote Control For Highbay Fittings With Microwave Sensor | See page 350 |



100W:262 (Dia.) x 104 (D)
150W:300 (Dia.) x 102 (D)
200W:336 (Dia.) x 102 (D)

PRODUCT APPROVALS

Prewired with 3 metre flylead

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 55015; BS EN 61547; BS EN 61000-3-2; BS EN 61000-3-3; IESNA LM-80-15

UKCA | CE

## Inceptor Hi-Lite Highbay Accessories

WARRANTY 2 YEAR

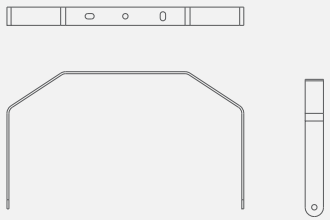
AVAILABLE FINISHES: WHITE

| CODE | DESCRIPTION |
|---|---|
| OVCGHBIRR | Microwave Sensor Remote Control<br>**2 x AAA batteries required.** |

AVAILABLE FINISHES: BLACK

| CODE | DESCRIPTION |
|---|---|
| OVWB1080 | Bracket For 100W Inceptor Hi-Lite Highbay Fitting |
| OVWB1081 | Bracket For 150W Inceptor Hi-Lite Highbay Fitting |
| OVWB1082 | Bracket For 200W Inceptor Hi-Lite Highbay Fitting |

OVWB1080: 270 (W) x 160 (D) x 30 (H)
OVWB1081: 301 (W) x 176 (D) x 30 (H)
OVWB1082: 351 (W) x 200 (D) x 30 (H)



Suitable for wall or ceiling mounting









## Inceptor® Hi-Lite Emergency Pack Coupler Leads

AVAILABLE FINISHES: BLACK

WARRANTY 4 YEAR | IP65

| CODE | DESCRIPTION |
|---|---|
| OEPCL05 | Inceptor® Hi-Lite Coupler Lead - 0.5M |
| OEPCL1 | Inceptor® Hi-Lite Coupler Lead - 1.0M |

**Enables the emergency pack to be located further from the highbay**

## Inceptor® Hi-Lite Maintained Emergency Pack - IP65

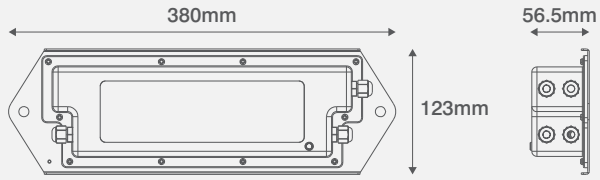
AVAILABLE FINISHES: BLACK

BATTERY WARRANTY 4 YEAR | IP65 | WARRANTY 4 YEAR

| PRODUCT INFO | |
|---|---|
| Circuit Wattage (W) | 5 |
| Voltage (AC) | 220-240 |
| Frequency (Hz) (Hz) | 50/60 |
| Operating Temp (°C) | 0 to +40 |

| CODE | DESCRIPTION |
|---|---|
| OXHLEP | Inceptor® Hi-Lite 5W 3 Hour Emergency Pack – Black |

**Input & outputs prewired with 1 metre flyleads**
**Distance between highbay and emergency can be extended using coupler leads (3 Metre Max.)**




PRODUCT APPROVALS

BS EN 61347-1 BS EN 61347-2-7 -BS EN 55015 BS EN 61547 BS EN 61000-3-2 BS EN 61000-3-3

## Highbay Accessories

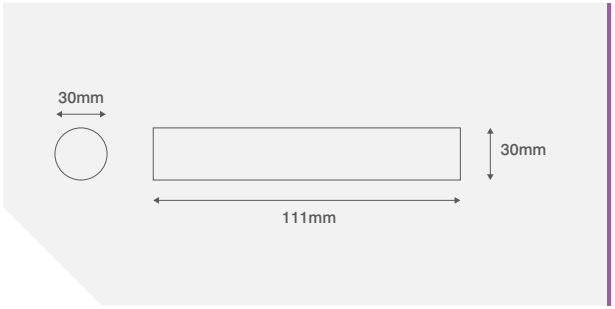
IP67 | WARRANTY 5 YEAR | DIMMABLE

AVAILABLE FINISHES

BLACK

| CODE | DESCRIPTION |
|---|---|
| OVHBDACV | IP67 DALI Signal Converter |

| PRODUCT INFO | |
|---|---|
| Input Voltage (V~) (V DC) | 10 - 22.5 |
| Input Current (mA) | <6 (not during transforming) |
| Operating Temp (°C) | -30 to +60 |




DALI to PWM (1-10V) Converter

PRODUCT APPROVALS

BS EN 62386-101 BS EN 62386-102 BS EN 62386-103 BS EN 62386-207 BS EN 55015

CE UKCA



# DALI

## Signal Converter

Ideal for a variety of lighting applications the high performance, reliable non isolated signal converter is compatible with PWM dimmable drivers.
One converter can control one LED driver with strong output PWM signal and it has a dimming range of 10%-100% (dim to off).

5 YR WARRANTY | Dali Dimming | IP67

# FLOOD LIGHTING

# FLOOD LIGHTING

An extensive range of powerful and efficient Flood, Wall Pack and Street lighting, offering a wide range of solutions for external applications.

The floodlighting range has a robust and varied aesthetics to suit any application, is fully IP rated offering protection against dust and moisture and can be used both indoors and outdoors.

This modern range has high quality LED's installed, offering 30,000 and 50,000 hours (L70) lifetime and come with a 3 or 5 year warranty.

## Contents


Asymmetric Floodlighting ..... 360
Wall Pack ..... 372
Floodlighting ..... 386
Solar Floodlighting ..... 396
Pathfinder LED Floodlighting ..... 401
LED Floodlighting with PIR ..... 406
LED Floodlighting ..... 410
LED Floodlighting with Photocell ..... 414


## INCEPTOR® PRODUCTS TO LOOK OUT FOR IN THIS SECTION...

**MURUS**

**ACE**

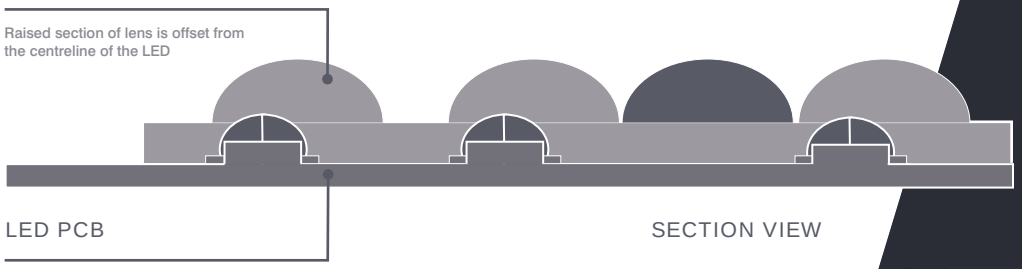
Switch 2 Inceptor

# ASYMMETRIC LIGHTING

## 50% Better Output

Asymmetric floodlights can achieve up to a 50% better output utilisation into the intended illuminated area.

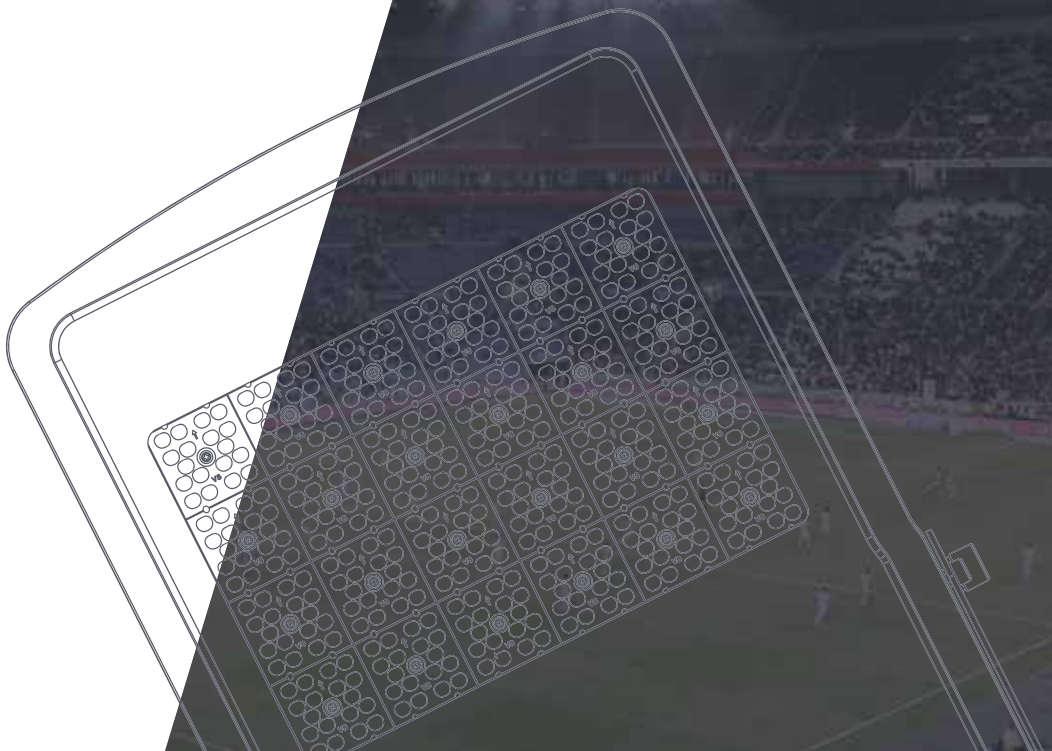
Asymmetric PC Lens




## Superior Light Direction

Asymmetric floodlights are superior in concentrating light where it is needed by using reflectors to direct light in front of the fixture where illuminance is required, compared with symmetrical floodlights which distribute light evenly in all directions.

Compared with symmetric floodlights, asymmetric versions provide lower indirect glare for those using the space, making them perfect for use in sports grounds



# INCEPTOR® ACE

## LED Asymmetric Floodlight

Inceptor® Ace adjustable asymmetric floodlights provide a high quality range of indoor and outdoor lighting with modern aesthetics. Up to 300W versions available in a Black finish with 4000K Cool White LEDs.

5YR WARRANTY | IP65 | 4000K | 50,000 HRS | IK06

## Asymmetric LED Lens

Specifically designed lens inserts to direct each LED.

## 2M Pre-Wired Flex

2 metre pre-wired flex cable for quick and easy installation.

## Angle Adjustable Bracket

Fully adjustable bracket allowing full control of the projection angle.

ON SITE WARRANTY

Aluminium Rear Housing

ADC12 Aluminium Housing

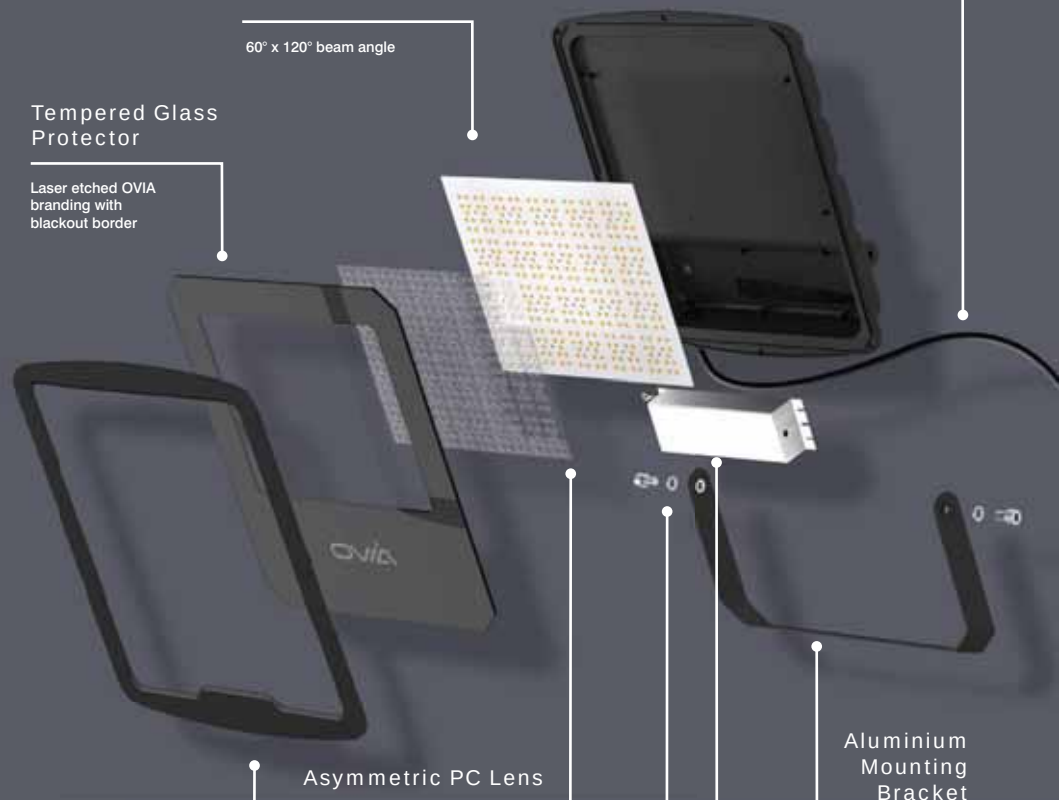
2m Pre-Wired Cable

LED PCB Assembly

60° x 120° beam angle

Tempered Glass Protector

Laser etched OVIA branding with blackout border




Aluminium Front Plate

Black powder coated finish

Asymmetric PC Lens

Specifically designed lens inserts to direct each LED

Aluminium Mounting Bracket

Black powder coated adjustable bracket

Angle Adjustment Screws

Internal Driver

50,000 Hour Lifetime

60° x 120° Beam Angle (°)

Asymmetric Lens

Photocell Sensor Version Available

## 50W IP65 LED Asymmetric Floodlight

IP65 | WARRANTY 5 YEAR | 60 x 120 BEAM ANGLE | 50000 LIFETIME

AVAILABLE FINISHES

BLACK

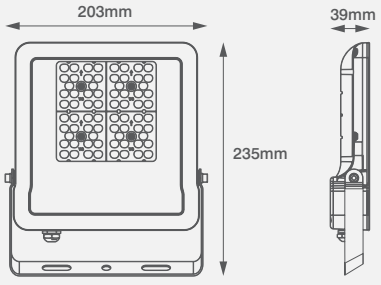
ON SITE WARRANTY

COLOUR TEMPERATURE

COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OV10250BKCW | 50W Floodlight - 4000K - Black |

| PRODUCT INFO | |
|---|---|
| CCT (K) | 4000 |
| Lumens (lm) | 5500 |
| Efficacy (lm/W) | 110 |
| Wattage (W) | 50 |
| CRI | >80 |
| Beam Angle (°) | 60 x 120 |
| LED Lifetime (Hrs) | 50000 |
| Voltage (V~) | 220-240 |
| Frequency (Hz) | 50/60 |
| Dimmable | No |
| Operating Temp (°C) | -20 to +40 |




Prewired with 2 metre flylead

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-5 BS EN 55015 BS EN 61547 BS EN 62471 BS EN 62493 BS EN61000-3-2 BS EN61000-3-3

CE UKCA







## 100W IP65 LED Asymmetric Floodlight

AVAILABLE FINISHES

BLACK

50000 LIFETIME | 60 x 120 BEAM ANGLE | WARRANTY 5 YEAR | IP65

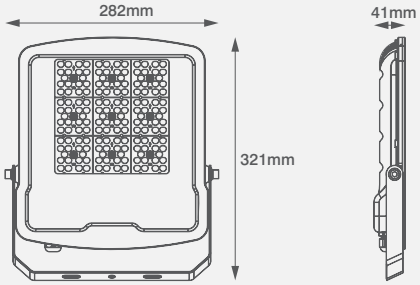
COLOUR TEMPERATURE

COOL WHITE

ON SITE WARRANTY

| PRODUCT INFO | |
|---|---|
| CCT (K) | 4000 |
| Lumens (lm) | 12000 |
| Efficacy (lm/W) | 120 |
| Wattage (W) | 100 |
| CRI | >80 |
| Beam Angle (°) | 60 x 120 |
| LED Lifetime (Hrs) | 50000 |
| Voltage (V~) | 220-240 |
| Frequency (Hz) | 50/60 |
| Dimmable | No |
| Operating Temp (°C) | -20 to +40 |

| CODE | DESCRIPTION |
|---|---|
| OV102100BKCW | 100W Floodlight - 4000K - Black |




PRODUCT APPROVALS

Prewired with 2 metre flylead

BS EN 60598-1 BS EN 60598-2-5 BS EN 55015 BS EN 61547 BS EN 62471 BS EN 62493 BS EN61000-3-2 BS EN61000-3-3

UKCA CE

## 150W IP65 LED Asymmetric Floodlight

IP65 | WARRANTY 5 YEAR | 60 x 120 BEAM ANGLE | 50000 LIFETIME

AVAILABLE FINISHES

BLACK

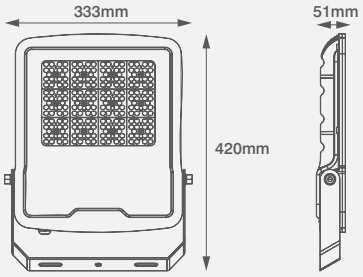
ON SITE WARRANTY

COLOUR TEMPERATURE

COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OV102150BKCW | 150W Floodlight - 4000K - Black |

| PRODUCT INFO | |
|---|---|
| CCT (K) | 4000 |
| Lumens (lm) | 18000 |
| Efficacy (lm/W) | 120 |
| Wattage (W) | 150 |
| CRI | >80 |
| Beam Angle (°) | 60 x 120 |
| LED Lifetime (Hrs) | 50000 |
| Voltage (V~) | 220-240 |
| Frequency (Hz) | 50/60 |
| Dimmable | No |
| Operating Temp (°C) | -20 to +40 |




Prewired with 2 metre flylead

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-5 BS EN 55015 BS EN 61547 BS EN 62471 BS EN 62493 BS EN61000-3-2 BS EN61000-3-3

CE UKCA





## 200W IP65 LED Asymmetric Floodlight

AVAILABLE FINISHES

BLACK

50000 LIFETIME | 60 x 120 BEAM ANGLE | WARRANTY 5 YEAR | IP65

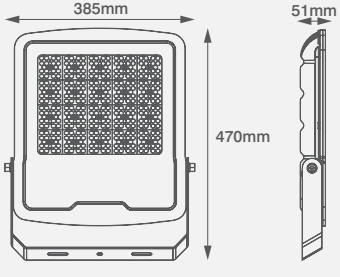
COLOUR TEMPERATURE

COOL WHITE

ON SITE WARRANTY

| PRODUCT INFO | |
|---|---|
| CCT (K) | 4000 |
| Lumens (lm) | 24000 |
| Efficacy (lm/W) | 120 |
| Wattage (W) | 200 |
| CRI | >80 |
| Beam Angle (°) | 60 x 120 |
| LED Lifetime (Hrs) | 50000 |
| Voltage (V~) | 220-240 |
| Frequency (Hz) | 50/60 |
| Dimmable | No |
| Operating Temp (°C) | -20 to +40 |

| CODE | DESCRIPTION |
|---|---|
| OV102200BKCW | 200W Floodlight - 4000K - Black |




PRODUCT APPROVALS

Prewired with 2 metre flylead

BS EN 60598-1 BS EN 60598-2-5 BS EN 55015 BS EN 61547 BS EN 62471 BS EN 62493 BS EN61000-3-2 BS EN61000-3-3

UKCA CE

## 300W IP65 LED Asymmetric Floodlight

IP65 | WARRANTY 5 YEAR | 60 x 120 BEAM ANGLE | 50000 LIFETIME

AVAILABLE FINISHES

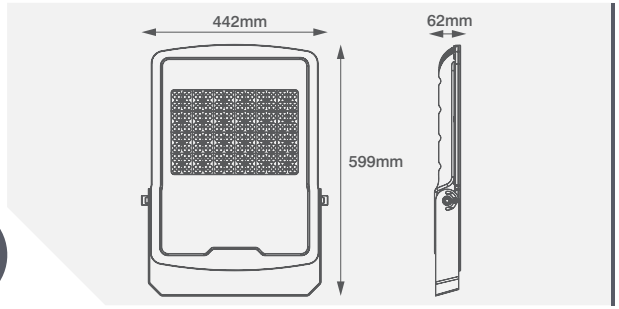
BLACK

ON SITE WARRANTY

COLOUR TEMPERATURE

COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OV102300BKCW | 300W Floodlight - 4000K - Black |




| PRODUCT INFO | |
|---|---|
| CCT (K) | 4000 |
| Lumens (lm) | 36000 |
| Efficacy (lm/W) | 120 |
| Wattage (W) | 300 |
| CRI | >80 |
| Beam Angle (°) | 60 x 120 |
| LED Lifetime (Hrs) | 50000 |
| Voltage (V~) | 220-240 |
| Frequency (Hz) | 50/60 |
| Dimmable | No |
| Operating Temp (°C) | -20 to +40 |

Prewired with 2 metre flylead

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-5 BS EN 55015 BS EN 61547 BS EN 62471 BS EN 62493 BS EN61000-3-2 BS EN61000-3-3

CE UKCA



# INCEPTOR® ACE

## LED Asymmetric Floodlight with Photocell

## 100W - 300W Photocell Versions

The Inceptor® Ace IP65 floodlights are suitable for lighting walkways and driveways, for highlighting architecture or as an uplighter to illuminate soffits etc.

With all of the great features and benefits of the Standard fitting the photocell option allows for use with remote PIR's or Microwave sensors.

The photocell options turn the light on when the light level drops under 10-20 lux and turns the light off once the light level is over 30-60 lux.

## 100W IP65 LED Asymmetric Floodlight With Photocell

IP65 | WARRANTY 5 YEAR | 60 x 120 BEAM ANGLE | 50000 LIFETIME | LIGHT CONTROL SENSOR

AVAILABLE FINISHES

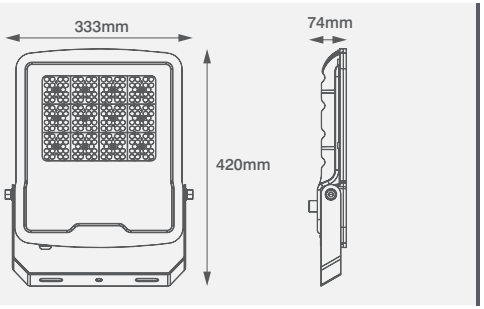
BLACK

ON SITE WARRANTY

COLOUR TEMPERATURE

COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OV102100BKCWPC | 100W Floodlight With Photocell - 4000K - Black |




| PRODUCT INFO | |
|---|---|
| CCT (K) | 4000 |
| Lumens (lm) | 12000 |
| Efficacy (lm/W) | 120 |
| Wattage (W) | 100 |
| CRI | >80 |
| Beam Angle (°) | 60 x 120 |
| LED Lifetime (Hrs) | 50000 |
| Voltage (V~) | 220-240 |
| Frequency (Hz) | 50/60 |
| Dimmable | No |
| Operating Temp (°C) | -20 to +40 |
| Ambient Light 'ON' | 10 |
| Ambient Light 'OFF' | 30 to 60 |

Prewired with 2 metre flylead

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-5 BS EN 55015 BS EN 61547 BS EN 62471 BS EN 62493 BS EN61000-3-2 BS EN61000-3-3

CE UKCA





## 150W IP65 LED Asymmetric Floodlight With Photocell

AVAILABLE FINISHES

BLACK

LIGHT CONTROL SENSOR | 50000 LIFETIME | 60 x 120 BEAM ANGLE | WARRANTY 5 YEAR | IP65

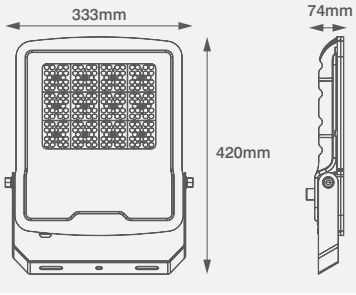
COLOUR TEMPERATURE

COOL WHITE

ON SITE WARRANTY

| PRODUCT INFO | |
|---|---|
| CCT (K) | 4000 |
| Lumens (lm) | 18000 |
| Efficacy (lm/W) | 120 |
| Wattage (W) | 150 |
| CRI | >80 |
| Beam Angle (°) | 60 x 120 |
| LED Lifetime (Hrs) | 50000 |
| Voltage (V~) | 220-240 |
| Frequency (Hz) | 50/60 |
| Dimmable | No |
| Operating Temp (°C) | -20 to +40 |
| Ambient Light 'ON' | 10 |
| Ambient Light 'OFF' | 30 to 60 |

| CODE | DESCRIPTION |
|---|---|
| OV102150BKCWPC | 150W Floodlight With Photocell - 4000K - Black |




PRODUCT APPROVALS

Prewired with 2 metre flylead

BS EN 60598-1 BS EN 60598-2-5 BS EN 55015 BS EN 61547 BS EN 62471 BS EN 62493 BS EN61000-3-2 BS EN61000-3-3

UKCA CE

## 200W IP65 LED Asymmetric Floodlight With Photocell

IP65 | WARRANTY 5 YEAR | 60 x 120 BEAM ANGLE | 50000 LIFETIME | LIGHT CONTROL SENSOR

AVAILABLE FINISHES

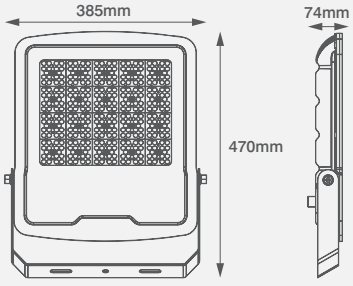
BLACK

ON SITE WARRANTY

COLOUR TEMPERATURE

COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OV102200BKCWPC | 200W Floodlight With Photocell - 4000K - Black |




| PRODUCT INFO | |
|---|---|
| CCT (K) | 4000 |
| Lumens (lm) | 24000 |
| Efficacy (lm/W) | 120 |
| Wattage (W) | 200 |
| CRI | >80 |
| Beam Angle (°) | 60 x 120 |
| LED Lifetime (Hrs) | 50000 |
| Voltage (V~) | 220-240 |
| Frequency (Hz) | 50/60 |
| Dimmable | No |
| Operating Temp (°C) | -20 to +40 |
| Ambient Light 'ON' | 10 |
| Ambient Light 'OFF' | 30 to 60 |

Prewired with 2 metre flylead

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-5 BS EN 55015 BS EN 61547 BS EN 62471 BS EN 62493 BS EN61000-3-2 BS EN61000-3-3

CE UKCA







## 300W IP65 LED Asymmetric Floodlight With Photocell

AVAILABLE FINISHES

BLACK

LIGHT CONTROL SENSOR | 50000 LIFETIME | 60 x 120 BEAM ANGLE | WARRANTY 5 YEAR | IP65

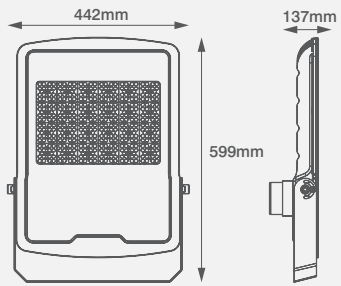
COLOUR TEMPERATURE

COOL WHITE

ON SITE WARRANTY

| PRODUCT INFO | |
|---|---|
| CCT (K) | 4000 |
| Lumens (lm) | 36000 |
| Efficacy (lm/W) | 120 |
| Wattage (W) | 300 |
| CRI | >80 |
| Beam Angle (°) | 60 x 120 |
| LED Lifetime (Hrs) | 50000 |
| Voltage (V~) | 220-240 |
| Frequency (Hz) | 50/60 |
| Dimmable | No |
| Operating Temp (°C) | -20 to +40 |
| Ambient Light 'ON' | 10 |
| Ambient Light 'OFF' | 30 to 60 |

| CODE | DESCRIPTION |
|---|---|
| OV102300BKCWPC | 300W Floodlight With Photocell - 4000K - Black |




PRODUCT APPROVALS

Prewired with 2 metre flylead

BS EN 60598-1 BS EN 60598-2-5 BS EN 55015 BS EN 61547 BS EN 62471 BS EN 62493 BS EN61000-3-2 BS EN61000-3-3

UKCA CE

# INCEPTOR® MURUS

## LED Wall Pack with Tridonic Driver

A range of LED wall packs, boasting an IK10 rating, ideal for use in outdoor environments.
Available in either Anthracite Grey or Light Grey finishes.

5YR WARRANTY | IP66 | IK10 | BESA BOX MOUNTABLE

## Push Fit / Piano Key Terminal Block

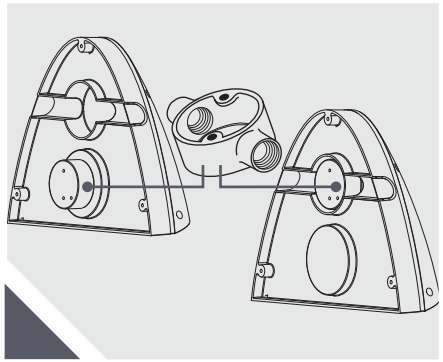
Fast, simple and clear installation

## CCT Switch

All models include a CCT switch allowing the product to change colour temperature between Warm White 3000K Cool White 4000K and Daylight 6000K

## BESA Box & Trunking Mountable

The backplate can be mounted on a BESA/ Conduit box & Trunking
Two areas allow a BESA/ conduit box to be mounted, one of which sits recessed into the base of the light.
The user can use trunking to feed wires through and allow the light to sit surface mounted against a wall.



## Photocell Version

The Inceptor® Murus will turn on when the lux level is below 10-30 lux. A photocell can help the customer save energy by allowing the light to turn on and off at set lux levels.
The photocell options turn the light on when the light level drops under 10-20 lux and turns the light off once the light level is over 30-60 lux.

CIBSE LIGHTING INDUSTRY ASSOCIATION | ON SITE WARRANTY

**CCT Switch**
Allows colour temperature change of LEDs

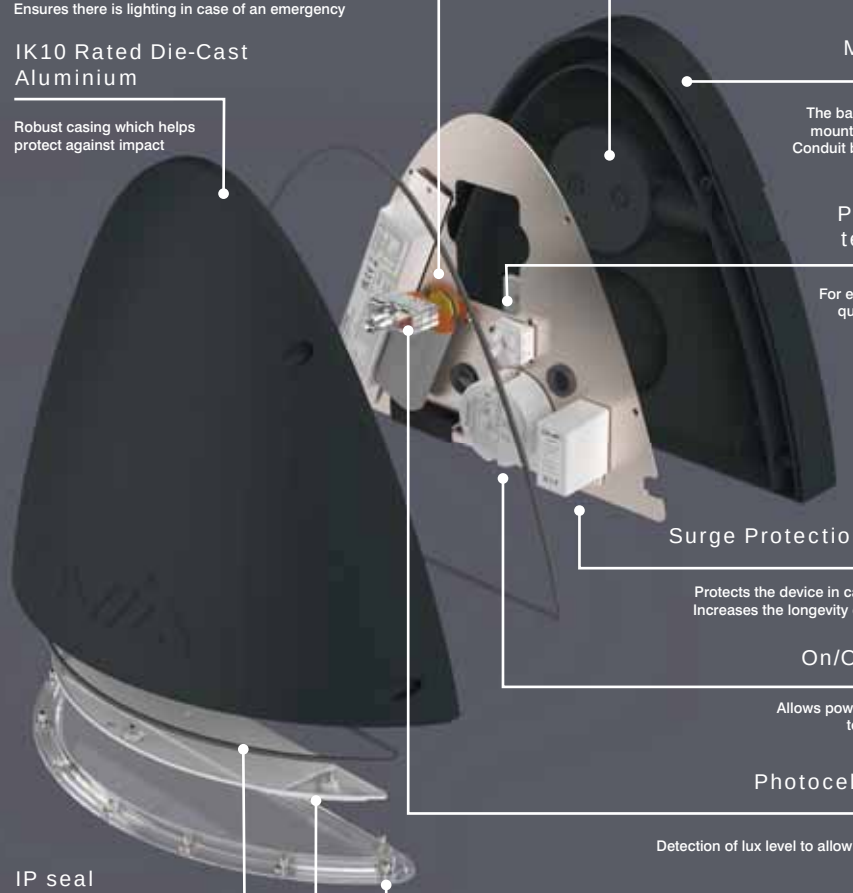
**Gland compatibility**
Can be used with IP rated 12mm-20mm glands

**Emergency Driver & battery**
Ensures there is lighting in case of an emergency

**Mounting**
The backplate can be mounted on a BESA/ Conduit box & Trunking

**IK10 Rated Die-Cast Aluminium**
Robust casing which helps protect against impact

**Piano key terminals**
For easy wiring and quick installation



**Surge Protection Device**
Protects the device in case of a surge. Increases the longevity of the product.

**On/Off Driver**
Allows power to distribute to the luminaire

**Photocell Sensor**
Detection of lux level to allow energy saving

**IP seal**
Ensures the luminaire internals are protected from the elements (IP66)

**Diffuser**
Dispenses light outwards

**LED & Glass Lenses**
Creates a beam angle of 80°x140°

Photocell Sensor Version Available

Emergency version available

ME1-2(TYPE II) 80°x140° Beam Angle (°)

Piano Key Terminal

## 15W IP66 LED Wall Pack - CCT

IP66 | 5 YEAR WARRANTY | 80 x 140 BEAM ANGLE | 50000 LIFETIME | IK10 | BESA BOX MOUNTABLE

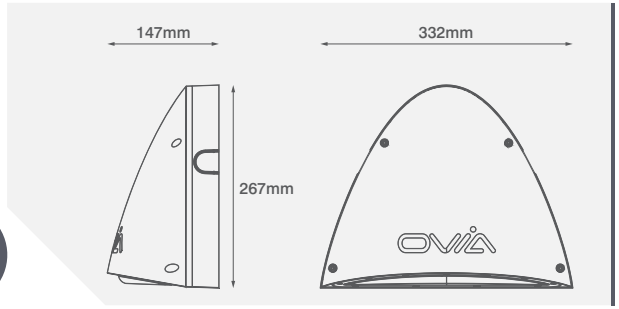
AVAILABLE FINISHES: GREY, ANTHRACITE GREY

CCT | ON SITE WARRANTY

COLOUR TEMPERATURE: WARM WHITE, COOL WHITE, DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV2071AG15 | 15W Wall Pack - Anthracite Grey |
| OV2071LG15 | 15W Wall Pack - Light Grey |

| PRODUCT INFO | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 1650 | 1950 | 1650 |
| Efficacy (lm/W) | 110 | 130 | 110 |
| Circuit Wattage (W) | | 15 | |
| CRI | | >80 | |
| Beam Angle (°) | | 80 x 140 | |
| LED Lifetime (Hrs) | | 50000 | |
| Voltage (V~) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Dimmable | | No | |
| Operating Temp (°C) | | -25 to +50 | |




Integrated Tridonic LED Driver. Surge Protection Device Installed.

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2

CE UKCA







## 15W IP66 LED Wall Pack - CCT

AVAILABLE FINISHES: ANTHRACITE GREY, GREY

BESA BOX MOUNTABLE | IK10 | LI-ION | 50000 LIFETIME | 80 x 140 BEAM ANGLE | WARRANTY 5 YEAR | IP66

COLOUR TEMPERATURE: WARM WHITE, COOL WHITE, DAYLIGHT

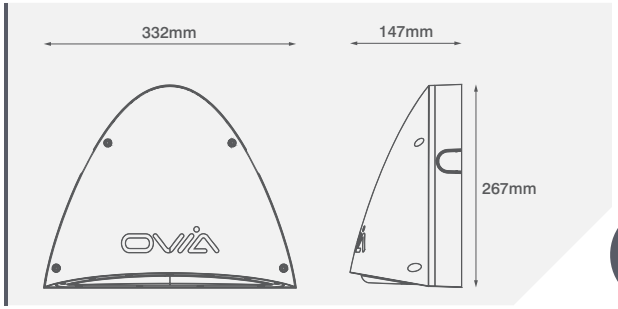
ON SITE WARRANTY | CCT

| PRODUCT INFO | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 1650 | 1950 | 1650 |
| Lumens (lm) (Emergency) | | 410 | |
| Circuit Wattage (W) | 86 | 102 | 86 |
| Wattage (W) | | 17 | |
| CRI | | >80 | |
| Beam Angle (°) | | 80 x 140 | |
| LED Lifetime (Hrs) | | 50000 | |
| Voltage (V~) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Dimmable | | No | |
| Operating Temp (°C) | | 0 to +50 | |

| CODE | DESCRIPTION |
|---|---|
| OV2071AG15EM | 15W Wall Pack With Emergency - Anthracite Grey |
| OV2071LG15EM | 15W Wall Pack With Emergency - Light Grey |

COMPATIBLE PRODUCTS

| | |
|---|---|
| OVEMB6415LIS | 6.4V 1500mAh LiFePo4 Battery – Serial |




PRODUCT APPROVALS

Integrated Tridonic LED Driver. Surge Protection Device Installed.

BS EN 60598-1 BS EN 60598-2-1 BS EN 60598-2-22 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547

UKCA CE

## 15W IP66 LED Wall Pack - CCT

IP66 | WARRANTY 5 YEAR | 80 x 140 BEAM ANGLE | 50000 LIFETIME | LIGHT CONTROL SENSOR | IK10 | BESA BOX MOUNTABLE

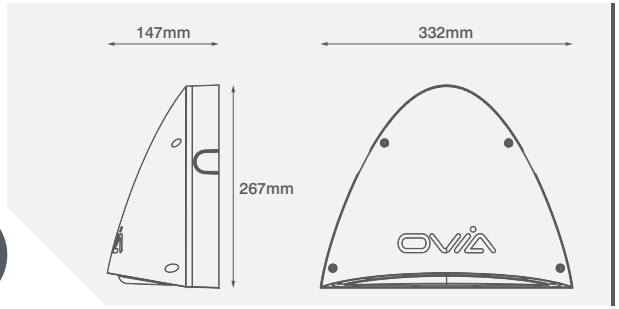
AVAILABLE FINISHES: GREY, ANTHRACITE GREY

CCT | ON SITE WARRANTY

COLOUR TEMPERATURE: WARM WHITE, COOL WHITE, DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV2071AG15PC | 15W Wall Pack With Photocell - Anthracite Grey |
| OV2071LG15PC | 15W Wall Pack With Photocell - Light Grey |

| PRODUCT INFO | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 1650 | 1950 | 1650 |
| Efficacy (lm/W) | 110 | 130 | 110 |
| Circuit Wattage (W) | | 15 | |
| CRI | | >80 | |
| Beam Angle (°) | | 80 x 140 | |
| LED Lifetime (Hrs) | | 50000 | |
| Voltage (V~) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Dimmable | | No | |
| Operating Temp (°C) | | -25 to +50 | |




Integrated Tridonic LED Driver. Surge Protection Device Installed.

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2

CE UKCA







## 15W IP66 LED Wall Pack - CCT

AVAILABLE FINISHES: ANTHRACITE GREY, GREY

BESA BOX MOUNTABLE | IK10 | LI-ION | LIGHT CONTROL SENSOR | 50000 LIFETIME | 80 x 140 BEAM ANGLE | WARRANTY 5 YEAR | IP66

COLOUR TEMPERATURE: WARM WHITE, COOL WHITE, DAYLIGHT

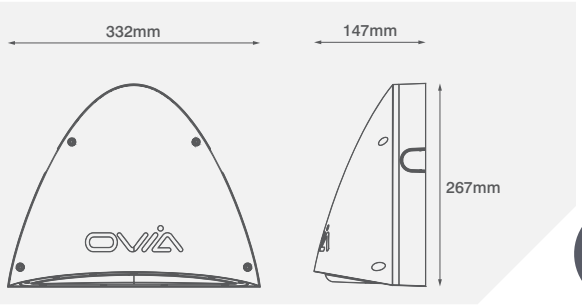
ON SITE WARRANTY | CCT

| PRODUCT INFO | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 1650 | 1950 | 1650 |
| Lumens (lm) (Emergency) | | 410 | |
| Efficacy (lm/W) | 86 | 102 | 86 |
| Circuit Wattage (W) | | 17 | |
| CRI | | >80 | |
| Beam Angle (°) | | 80 x 140 | |
| LED Lifetime (Hrs) | | 50000 | |
| Voltage (V~) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Dimmable | | No | |
| Operating Temp (°C) | | 0 to +50 | |

| CODE | DESCRIPTION |
|---|---|
| OV2071AG15EMPC | 15W Wall Pack With Emergency & Photocell - Anthracite Grey |
| OV2071LG15EMPC | 15W Wall Pack With Emergency & Photocell - Light Grey |

COMPATIBLE PRODUCTS

| | |
|---|---|
| OVEMB6415LIS | 6.4V 1500mAh LiFePo4 Battery – Serial |




PRODUCT APPROVALS

Integrated Tridonic LED Driver. Surge Protection Device Installed.

BS EN 60598-1 BS EN 60598-2-1 BS EN 60598-2-22 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547

UKCA CE

## 15W IP66 Dimmable LED Wall Pack - CCT

IP66 | WARRANTY 5 YEAR | DIMMABLE | 80 x 140 BEAM ANGLE | 50000 LIFETIME | IK10 | BESA BOX MOUNTABLE

AVAILABLE FINISHES

GREY | ANTHRACITE GREY

CCT | ON SITE WARRANTY

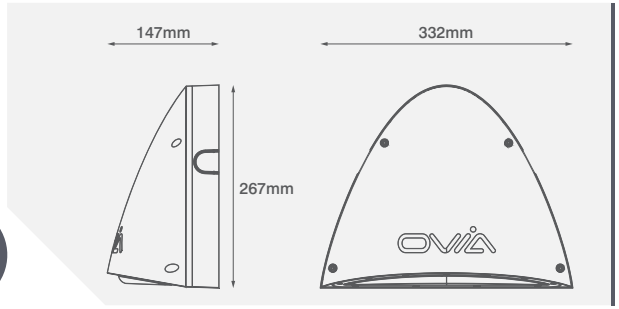
COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV2071AG15DA | 15W Wall Pack With DALI - Anthracite Grey |
| OV2071LG15DA | 15W Wall Pack With DALI - Light Grey |

PRODUCT INFO

| | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 1650 | 1950 | 1650 |
| Efficacy (lm/W) | 110 | 130 | 110 |
| Circuit Wattage (W) | | 15 | |
| CRI | | >80 | |
| Beam Angle (°) | | 80 x 140 | |
| LED Lifetime (Hrs) | | 50000 | |
| Voltage (V~) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Dimmable | | DALI | |
| Operating Temp (°C) | | -25 to +50 | |




Surge Protection Device Installed.

PRODUCT APPROVALS

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2 & BS EN 61000-3-3

CE | UKCA







## 15W IP66 Dimmable LED Wall Pack - CCT

AVAILABLE FINISHES

ANTHRACITE GREY | GREY

BESA BOX MOUNTABLE | IK10 | LI-ION | 50000 LIFETIME | 80 x 140 BEAM ANGLE | DIMMABLE | WARRANTY 5 YEAR | IP66

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

ON SITE WARRANTY | CCT

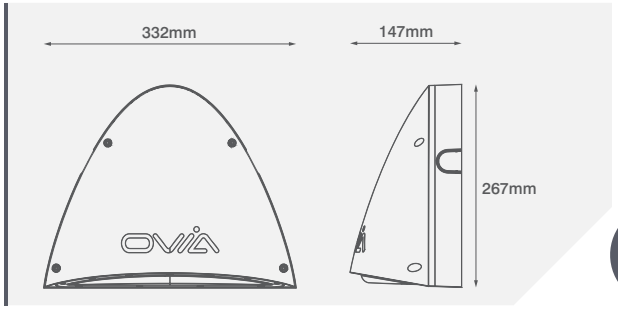
PRODUCT INFO

| | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 1650 | 1950 | 1650 |
| Lumens (lm) (Emergency) | | 410 | |
| Efficacy (lm/W) | 86 | 102 | 86 |
| Circuit Wattage (W) | | 17 | |
| CRI | | >80 | |
| Beam Angle (°) | | 80 x 140 | |
| LED Lifetime (Hrs) | | 50000 | |
| Voltage (V~) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Dimmable | | DALI | |
| Operating Temp (°C) | | 0 to +50 | |

| CODE | DESCRIPTION |
|---|---|
| OV2071AG15EMDA | 15W Wall Pack With Emergency & DALI - Anthracite Grey |
| OV2071LG15EMDA | 15W Wall Pack With Emergency & DALI - Light Grey |

COMPATIBLE PRODUCTS

| | |
|---|---|
| OVEMB6415LIS | 6.4V 1500mAh LiFePo4 Battery – Serial |




PRODUCT APPROVALS

Surge Protection Device Installed.

BS EN 60598-1; BS EN 60598-2-1; BS EN 60598-2-22; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2 & BS EN 61000-3-3

UKCA | CE

## 25W IP66 LED Wall Pack - CCT

IP66 | WARRANTY 5 YEAR | 80 x 140 BEAM ANGLE | 50000 LIFETIME | IK10 | BESA BOX MOUNTABLE

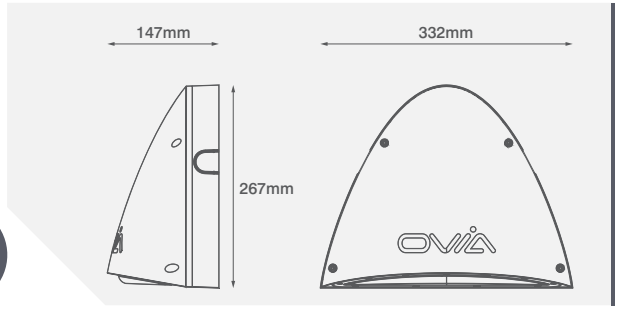
AVAILABLE FINISHES: GREY, ANTHRACITE GREY

CCT | ON SITE WARRANTY

COLOUR TEMPERATURE: WARM WHITE, COOL WHITE, DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV2071AG25 | 25W Wall Pack - Anthracite Grey |
| OV2071LG25 | 25W Wall Pack - Light Grey |

| PRODUCT INFO | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 2500 | 3000 | 2500 |
| Efficacy (lm/W) | 100 | 120 | 100 |
| Circuit Wattage (W) | | 25 | |
| CRI | | >80 | |
| Beam Angle (°) | | 80 x 140 | |
| LED Lifetime (Hrs) | | 50000 | |
| Voltage (V~) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Dimmable | | No | |
| Operating Temp (°C) | | -25 to +50 | |




Integrated Tridonic LED Driver. Surge Protection Device Installed.

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2

CE UKCA







## 25W IP66 LED Wall Pack - CCT

AVAILABLE FINISHES: ANTHRACITE GREY, GREY

BESA BOX MOUNTABLE | IK10 | LI-ION | 50000 LIFETIME | 80 x 140 BEAM ANGLE | WARRANTY 5 YEAR | IP66

COLOUR TEMPERATURE: WARM WHITE, COOL WHITE, DAYLIGHT

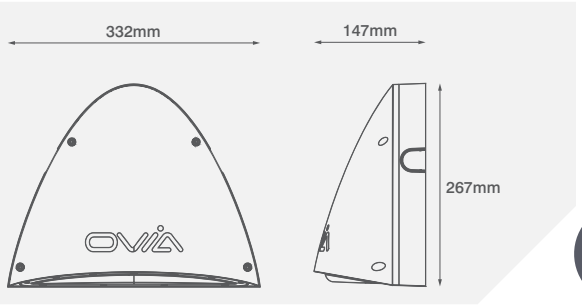
ON SITE WARRANTY | CCT

| PRODUCT INFO | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 2500 | 3000 | 2500 |
| Lumens (lm) (Emergency) | | 410 | |
| Efficacy (lm/W) | 86 | 103 | 86 |
| Circuit Wattage (W) | | 27 | |
| CRI | | >80 | |
| Beam Angle (°) | | 80 x 140 | |
| LED Lifetime (Hrs) | | 50000 | |
| Voltage (V~) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Dimmable | | No | |
| Operating Temp (°C) | | 0 to +50 | |

| CODE | DESCRIPTION |
|---|---|
| OV2071AG25EM | 25W Wall Pack With Emergency - Anthracite Grey |
| OV2071LG25EM | 25W Wall Pack With Emergency - Light Grey |

COMPATIBLE PRODUCTS

| | |
|---|---|
| OVEMB6415LIS | 6.4V 1500mAh LiFePo4 Battery – Serial |




PRODUCT APPROVALS

Integrated Tridonic LED Driver. Surge Protection Device Installed.

BS EN 60598-1 BS EN 60598-2-1 BS EN 60598-2-22 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547

UKCA CE

## 25W IP66 LED Wall Pack - CCT

IP66 | WARRANTY 5 YEAR | 80 x 140 BEAM ANGLE | 50000 LIFETIME | LIGHT CONTROL SENSOR | IK10 | BESA BOX MOUNTABLE

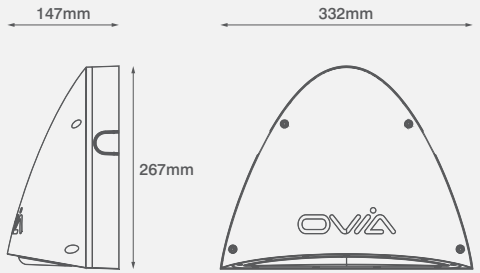
AVAILABLE FINISHES: GREY | ANTHRACITE GREY

CCT | ON SITE WARRANTY

COLOUR TEMPERATURE: WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV2071AG25PC | 25W Wall Pack With Photocell - Anthracite Grey |
| OV2071LG25PC | 25W Wall Pack With Photocell - Light Grey |

| PRODUCT INFO | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 2500 | 3000 | 2500 |
| Efficacy (lm/W) | 100 | 120 | 100 |
| Circuit Wattage (W) | | 25 | |
| CRI | | >80 | |
| Beam Angle (°) | | 80 x 140 | |
| LED Lifetime (Hrs) | | 50000 | |
| Voltage (V~) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Dimmable | | No | |
| Operating Temp (°C) | | -25 to +50 | |




Integrated Tridonic LED Driver. Surge Protection Device Installed.

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547 BS EN 61000-3-2

CE | UKCA







## 25W IP66 LED Wall Pack - CCT

AVAILABLE FINISHES: ANTHRACITE GREY | GREY

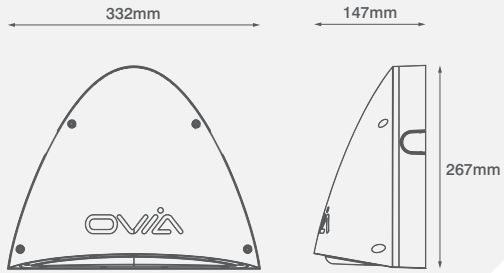
BESA BOX MOUNTABLE | IK10 | LI-ION | LIGHT CONTROL SENSOR | 50000 LIFETIME | 80 x 140 BEAM ANGLE | WARRANTY 5 YEAR | IP66

COLOUR TEMPERATURE: WARM WHITE | COOL WHITE | DAYLIGHT

ON SITE WARRANTY | CCT

| PRODUCT INFO | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 2500 | 3000 | 2500 |
| Lumens (lm) (Emergency) | | 410 | |
| Efficacy (lm/W) | 86 | 103 | 86 |
| Circuit Wattage (W) | | 27 | |
| CRI | | >80 | |
| Beam Angle (°) | | 80 x 140 | |
| LED Lifetime (Hrs) | | 50000 | |
| Voltage (V~) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Dimmable | | No | |
| Operating Temp (°C) | | 0 to +50 | |

| CODE | DESCRIPTION |
|---|---|
| OV2071AG25EMPC | 25W Wall Pack With Emergency & Photocell - Anthracite Grey |
| OV2071LG25EMPC | 25W Wall Pack With Emergency & Photocell - Light Grey |
| COMPATIBLE PRODUCTS | |
| OVEMB6415LIS | 6.4V 1500mAh LiFePo4 Battery – Serial |




Integrated Tridonic LED Driver. Surge Protection Device Installed.

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 60598-2-22 BS EN 62471 BS EN 61058-1 BS EN 61347-1 BS EN 61347-2-7 BS EN 62493 BS EN 55015 BS EN 61547

UKCA | CE

## 25W IP66 Dimmable LED Wall Pack - CCT

IP66 | WARRANTY 5 YEAR | DIMMABLE | 80 x 140 BEAM ANGLE | 50000 LIFETIME | IK10 | BESA BOX MOUNTABLE

AVAILABLE FINISHES

GREY | ANTHRACITE GREY

CCT | ON SITE WARRANTY

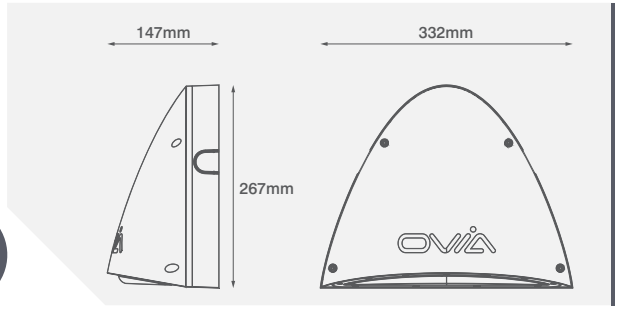
COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV2071AG25DA | 25W Wall Pack With DALI - Anthracite Grey |
| OV2071LG25DA | 25W Wall Pack With DALI - Light Grey |

PRODUCT INFO

| | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 2500 | 3000 | 2500 |
| Efficacy (lm/W) | 100 | 120 | 100 |
| Circuit Wattage (W) | | 25 | |
| CRI | | >80 | |
| Beam Angle (°) | | 80 x 140 | |
| LED Lifetime (Hrs) | | 50000 | |
| Voltage (V~) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Dimmable | | DALI | |
| Operating Temp (°C) | | -25 to +50 | |




Surge Protection Device Installed.

PRODUCT APPROVALS

BS EN 60598-1; BS EN IEC 60598-2-1; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2 & BS EN 61000-3-3

CE | UKCA







## 25W IP66 Dimmable LED Wall Pack - CCT

AVAILABLE FINISHES

ANTHRACITE GREY | GREY

BESA BOX MOUNTABLE | IK10 | LI-ION | 50000 LIFETIME | 80 x 140 BEAM ANGLE | DIMMABLE | WARRANTY 5 YEAR | IP66

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

ON SITE WARRANTY | CCT

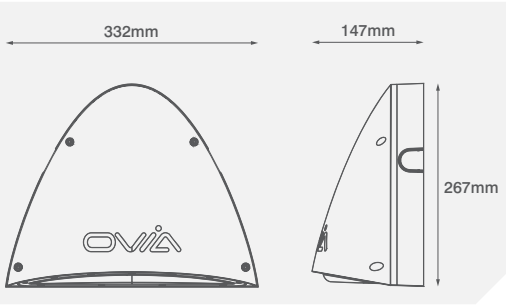
PRODUCT INFO

| | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 2500 | 3000 | 2500 |
| Lumens (lm) (Emergency) | | 410 | |
| Efficacy (lm/W) | 86 | 103 | 86 |
| Circuit Wattage (W) | | 27 | |
| CRI | | >80 | |
| Beam Angle (°) | | 80 x 140 | |
| LED Lifetime (Hrs) | | 50000 | |
| Voltage (V~) | | 220-240 | |
| Frequency (Hz) | | 50 | |
| Dimmable | | DALI | |
| Operating Temp (°C) | | 0 to +50 | |

| CODE | DESCRIPTION |
|---|---|
| OV2071AG25EMDA | 25W Wall Pack With Emergency & DALI - Anthracite Grey |
| OV2071LG25EMDA | 25W Wall Pack With Emergency & DALI - Light Grey |

COMPATIBLE PRODUCTS

| | |
|---|---|
| OVEMB6415LIS | 6.4V 1500mAh LiFePo4 Battery – Serial |




PRODUCT APPROVALS

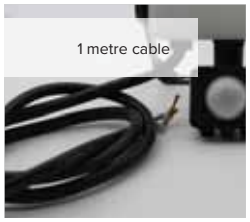
Surge Protection Device Installed.

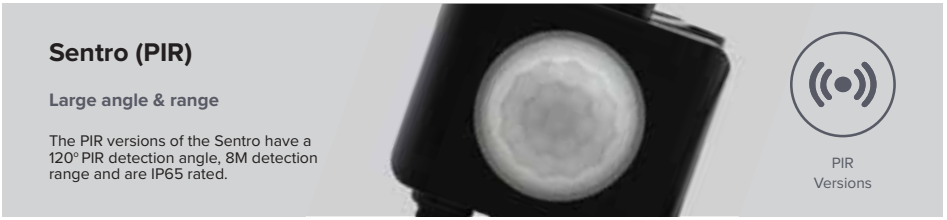
BS EN 60598-1; BS EN 60598-2-1; BS EN 60598-2-22; BS EN 62471; BS EN 61058-1; BS EN 61347-1; BS EN 61347-2-7; BS EN 62493; BS EN 55015; BS EN 61547; BS EN 61000-3-2 & BS EN 61000-3-3

UKCA | CE

# SENTRO

## 10/20/30/50W options with standard or PIR variants.



## 10W IP65 LED Frameless Floodlight

WARRANTY

IP65 | 3 YEAR

AVAILABLE FINISHES

BLACK

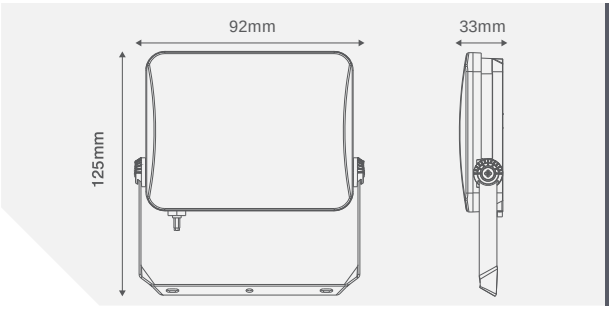
COLOUR TEMPERATURE

WARM WHITE | COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OS10C-B | 10W Frameless Floodlight - 4000K - Black |
| OS10W-B | 10W Frameless Floodlight - 3000K - Black |

PRODUCT INFO

| CCT (K) | 3000 | 4000 |
|---|---|---|
| Lumens (lm) | 900 | |
| Efficacy (lm/W) | 90 | |
| Wattage (W) | 10 | |
| CRI | >80 | |
| Beam Angle (°) | 100 | |
| LED Lifetime (Hrs) | 20000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50 | |
| Operating Temp (°C) | +25 | |




Prewired with 1 metre flylead

PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-5; BS EN 55015; BS EN 61547; BS EN 62471; BS EN 62493; BS EN 61000-3-2; BS EN 61000-3-3





## 10W IP65 LED Frameless Floodlight With PIR

AVAILABLE FINISHES

BLACK

WARRANTY | PIR

3 YEAR | IP65

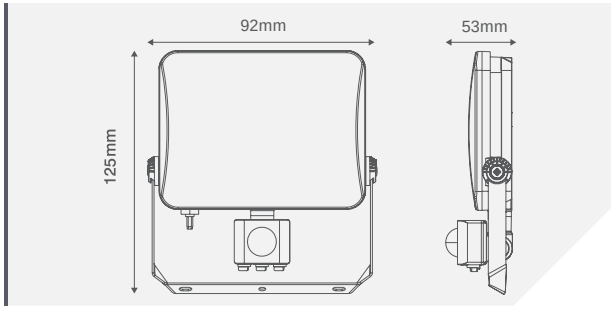
COLOUR TEMPERATURE

WARM WHITE | COOL WHITE

PRODUCT INFO

| CCT (K) | 3000 | 4000 |
|---|---|---|
| Lumens (lm) | 900 | |
| Efficacy (lm/W) | 90 | |
| Wattage (W) | 10 | |
| CRI | >80 | |
| Beam Angle (°) | 100 | |
| LED Lifetime (Hrs) | 20000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50 | |
| Detection Angle (°) | 120 | |
| Detection Distance (M) | 8 | |
| Operating Temp (°C) | +25 | |
| Daylight Sensitivity (Lux) | 10 to 2000 | |
| TIme Delay Setting | 10 Secs to 3 Mins | |

| CODE | DESCRIPTION |
|---|---|
| OS10C-P-B | 10W Frameless Floodlight With PIR - 4000K - Black |
| OS10W-P-B | 10W Frameless Floodlight With PIR - 3000K - Black |




PRODUCT APPROVALS

Prewired with 1 metre flylead

BS EN 60598-1; BS EN 60598-2-5; BS EN 55015; BS EN 61547; BS EN 62471; BS EN 62493; BS EN 61000-3-2; BS EN 61000-3-3

## 20W IP65 LED Frameless Floodlight

IP65

WARRANTY 3 YEAR

AVAILABLE FINISHES

BLACK

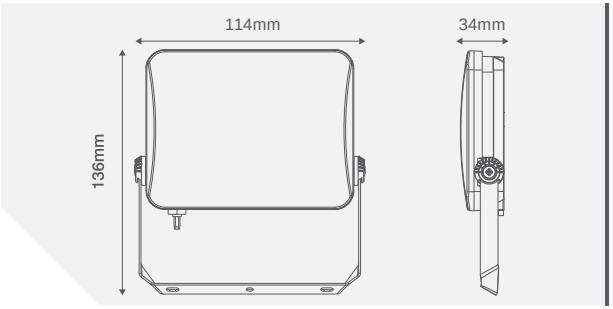
COLOUR TEMPERATURE

WARM WHITE

COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OS20C-B | 20W Frameless Floodlight - 4000K - Black |
| OS20W-B | 20W Frameless Floodlight - 3000K - Black |

| PRODUCT INFO | 3000 | 4000 |
|---|---|---|
| CCT (K) | | |
| Lumens (lm) | 1800 | |
| Efficacy (lm/W) | 90 | |
| Wattage (W) | 20 | |
| CRI | >80 | |
| Beam Angle (°) | 100 | |
| LED Lifetime (Hrs) | 20000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50 | |
| Operating Temp (°C) | +25 | |




Prewired with 1 metre flylead

PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-5; BS EN 55015; BS EN 61547; BS EN 62471; BS EN 62493; BS EN 61000-3-2; BS EN 61000-3-3







## 20W IP65 LED Frameless Floodlight With PIR

AVAILABLE FINISHES

BLACK

WARRANTY 3 YEAR

PIR

IP65

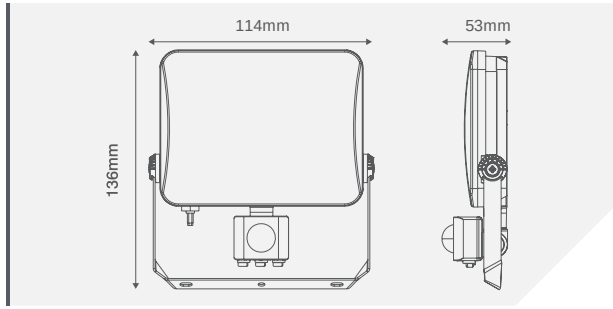
COLOUR TEMPERATURE

WARM WHITE

COOL WHITE

| PRODUCT INFO | 3000 | 4000 |
|---|---|---|
| CCT (K) | | |
| Lumens (lm) | 1800 | |
| Efficacy (lm/W) | 90 | |
| Wattage (W) | 20 | |
| CRI | >80 | |
| Beam Angle (°) | 100 | |
| LED Lifetime (Hrs) | 20000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50 | |
| Detection Angle (°) | 120 | |
| Detection Distance (M) | 8 | |
| Operating Temp (°C) | +25 | |
| Daylight Sensitivity (Lux) | 10 to 2000 | |
| TIme Delay Setting | 10 Secs to 3 Mins | |

| CODE | DESCRIPTION |
|---|---|
| OS20C-P-B | 20W Frameless Floodlight With PIR - 4000K - Black |
| OS20W-P-B | 20W Frameless Floodlight With PIR - 3000K - Black |




PRODUCT APPROVALS

Prewired with 1 metre flylead

BS EN 60598-1; BS EN 60598-2-5; BS EN 55015; BS EN 61547; BS EN 62471; BS EN 62493; BS EN 61000-3-2; BS EN 61000-3-3

## 30W IP65 LED Frameless Floodlight

IP65

WARRANTY 3 YEAR

AVAILABLE FINISHES

BLACK

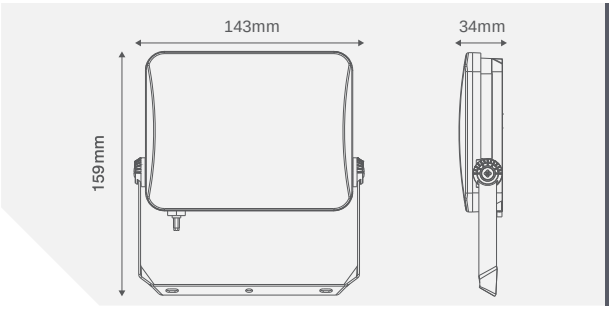
COLOUR TEMPERATURE

WARM WHITE

COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OS30C-B | 30W Frameless Floodlight - 4000K - Black |
| OS30W-B | 30W Frameless Floodlight - 3000K - Black |

| PRODUCT INFO | 3000 | 4000 |
|---|---|---|
| CCT (K) | | |
| Lumens (lm) | 2700 | |
| Efficacy (lm/W) | 90 | |
| Wattage (W) | 30 | |
| CRI | >80 | |
| Beam Angle (°) | 100 | |
| LED Lifetime (Hrs) | 20000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50 | |
| Operating Temp (°C) | +25 | |




Prewired with 1 metre flylead

PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-5; BS EN 55015; BS EN 61547; BS EN 62471; BS EN 62493; BS EN 61000-3-2; BS EN 61000-3-3







## 30W IP65 LED Frameless Floodlight With PIR

AVAILABLE FINISHES

BLACK

WARRANTY 3 YEAR

PIR

IP65

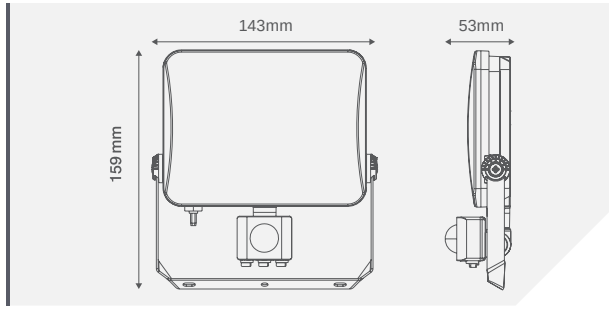
COLOUR TEMPERATURE

WARM WHITE

COOL WHITE

| PRODUCT INFO | 3000 | 4000 |
|---|---|---|
| CCT (K) | | |
| Lumens (lm) | 2700 | |
| Efficacy (lm/W) | 90 | |
| Wattage (W) | 30 | |
| CRI | >80 | |
| Beam Angle (°) | 100 | |
| LED Lifetime (Hrs) | 20000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50 | |
| Detection Angle (°) | 120 | |
| Detection Distance (M) | 8 | |
| Operating Temp (°C) | +25 | |
| Daylight Sensitivity (Lux) | 10 to 2000 | |
| TIme Delay Setting | 10 Secs to 3 Mins | |

| CODE | DESCRIPTION |
|---|---|
| OS30C-P-B | 30W Frameless Floodlight With PIR - 4000K - Black |
| OS30W-P-B | 30W Frameless Floodlight With PIR - 3000K - Black |




PRODUCT APPROVALS

Prewired with 1 metre flylead

BS EN 60598-1; BS EN 60598-2-5; BS EN 55015; BS EN 61547; BS EN 62471; BS EN 62493; BS EN 61000-3-2; BS EN 61000-3-3

## 50W IP65 LED Frameless Floodlight

IP65

WARRANTY 3 YEAR

AVAILABLE FINISHES

BLACK

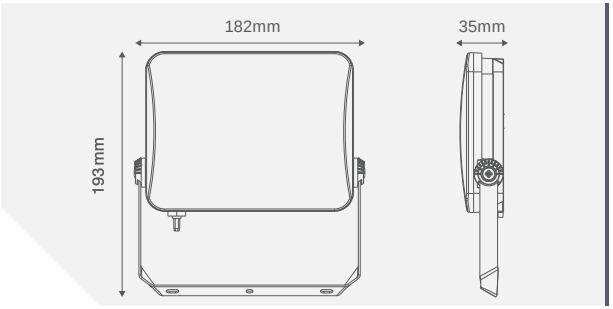
COLOUR TEMPERATURE

WARM WHITE

COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OS50C-B | 50W Frameless Floodlight - 4000K - Black |
| OS50W-B | 50W Frameless Floodlight - 3000K - Black |

| PRODUCT INFO | | |
|---|---|---|
| CCT (K) | 3000 | 4000 |
| Lumens (lm) | 4500 | |
| Efficacy (lm/W) | 90 | |
| Wattage (W) | 50 | |
| CRI | >80 | |
| Beam Angle (°) | 100 | |
| LED Lifetime (Hrs) | 20000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50 | |
| Operating Temp (°C) | +25 | |




Prewired with 1 metre flylead

PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-5; BS EN 55015; BS EN 61547; BS EN 62471; BS EN 62493; BS EN 61000-3-2; BS EN 61000-3-3







## 50W IP65 LED Frameless Floodlight With PIR

AVAILABLE FINISHES

BLACK

WARRANTY 3 YEAR

PIR

IP65

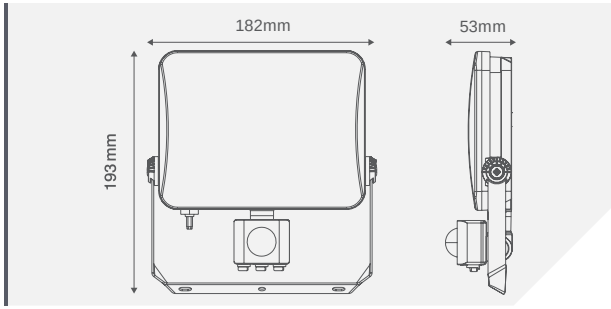
COLOUR TEMPERATURE

WARM WHITE

COOL WHITE

| PRODUCT INFO | | |
|---|---|---|
| CCT (K) | 3000 | 4000 |
| Lumens (lm) | 4500 | |
| Efficacy (lm/W) | 90 | |
| Wattage (W) | 50 | |
| CRI | >80 | |
| Beam Angle (°) | 100 | |
| LED Lifetime (Hrs) | 20000 | |
| Voltage (AC) | 220-240 | |
| Frequency (Hz) | 50 | |
| Detection Angle (°) | 120 | |
| Detection Distance (M) | 8 | |
| Operating Temp (°C) | +25 | |
| Daylight Sensitivity (Lux) | 10 to 2000 | |
| TIme Delay Setting | 10 Secs to 3 Mins | |

| CODE | DESCRIPTION |
|---|---|
| OS50C-P-B | 50W Frameless Floodlight With PIR - 4000K - Black |
| OS50W-P-B | 50W Frameless Floodlight With PIR - 3000K - Black |




PRODUCT APPROVALS

Prewired with 1 metre flylead

BS EN 60598-1; BS EN 60598-2-5; BS EN 55015; BS EN 61547; BS EN 62471; BS EN 62493; BS EN 61000-3-2; BS EN 61000-3-3

# SOLAR LUMINAIRES

## Zonne

| IP65 | 4000K | 950Lm | 12M |
|---|---|---|---|
| Ingress Protection | Colour Temperature | Lumen Output | 12 Months Warranty |

Ultra thin design, 2 in 1 installation.

Light can be removed from the cable and used as a torch.

120° 8 meter PIR detection distance.

Adjustable solar panel, 180° vertical, 360° horizontal.

## Zontor

| IP65 | 4000K | 4800Lm | 1600Lm | 12M |
|---|---|---|---|---|
| Ingress Protection | Colour Temperature | 40W Lumen Output | 15W Lumen Output | 12 Months Warranty |

Light can be adjusted 20° up and 10° down for solar charging.

Constant lighting and sensor modes.

Slim and modern product design.

Image shows the Zontor 15W version.

## 15W IP65 LED Solar Street Luminaire With PIR

IP65 | PIR | WARRANTY 1 YEAR | SOLAR

AVAILABLE FINISHES

BLACK

Press 'Power Button' to select Mode.
Mode A: First 5 hours Lighting: When fully charged and PIR activated. The first 5 hours, when PIR activated, turns on at 100%, diming down to 5% output after 20 seconds of no movement.
Mode B: After 5 Hours Lighting or <30% Battery Capacity: Turns on at 100% and 20 seconds of no movement dims down to 5% output, turning off after 5 minutes of no additional movement).

COLOUR TEMPERATURE

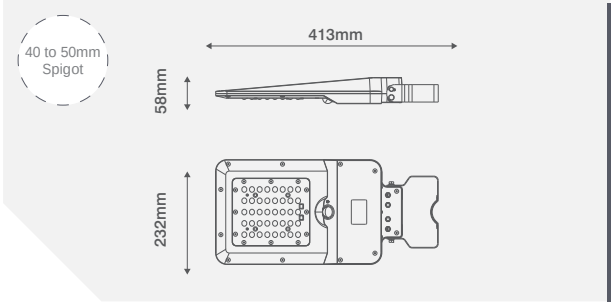
COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OZT15C-S | 15W Solar Street Luminaire - 4000K - Black |

Wall and post mounting brackets, wall fixings and installation instructions.

BATTERY SPECIFICATION

Li-Ion 18650, 7.4V 5400mAh




| PRODUCT INFO | |
|---|---|
| CCT (K) | 4000 |
| Lumens (lm) | 1600 |
| Efficacy (lm/W) | 107 |
| Wattage (W) | 15 |
| CRI | >80 |
| Beam Angle (°) | 140 x 70 |
| LED Lifetime (Hrs) | 35000 |
| Detection Angle (°) | 120 |
| Detection Distance (M) | 3 to 8 |
| Operating Temp (°C) | -20 to +60 |
| Charge Time (Hrs) | 6 |

PRODUCT APPROVALS

BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547

CE | UKCA







## 40W IP65 LED Solar Street Luminaire With PIR

AVAILABLE FINISHES

BLACK

IP65 | PIR | WARRANTY 1 YEAR | SOLAR

Press 'Power Button' to manually select Mode**.
Mode A: Constant Lighting Mode
When fully charged and PIR activated the fitting will turn on, maintinaing 60% output for 4 hours then switching to "Sensor Mode".
Mode B: Sensor Mode
When the PIR is activated the fitting provides 100% output, then dims to 30% output after 20 seconds of no movement.
**The manual settings can be overridden by use of the remote control or visa versa.

COLOUR TEMPERATURE

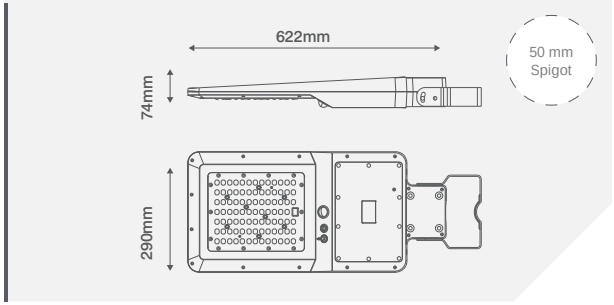
COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OZT40C-S | 40W Solar Street Luminaire - 4000K - Black |

Wall and post mounting brackets, wall fixings and installation instructions.
Remote supplied. Can be set by manual selection or by remote control.

BATTERY SPECIFICATION

LiFePO4 32700, 9.6V 12000mAh




| PRODUCT INFO | |
|---|---|
| CCT (K) | 4000 |
| Lumens (lm) | 4750 |
| Efficacy (lm/W) | 120 |
| Wattage (W) | 40 |
| CRI | >80 |
| Beam Angle (°) | 140 x 70 |
| LED Lifetime (Hrs) | 35000 |
| Detection Angle (°) | 120 |
| Detection Distance (M) | 8 to 12 |
| Operating Temp (°C) | -20 to +60 |
| Charge Time (Hrs) | 8 to 10 |

PRODUCT APPROVALS

BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547

UKCA | CE

## 8W IP65 LED Solar Security Luminaire With PIR

IP65 | PIR | WARRANTY 1 YEAR | SOLAR

AVAILABLE FINISHES

BLACK

COLOUR TEMPERATURE

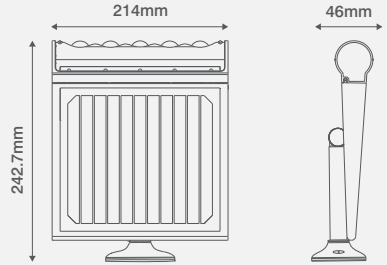
COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OZ8C-S | 8W Solar Security Luminaire - 4000K - Black |

With 3 metre connection cable

BATTERY SPECIFICATION

Li-Ion 18650, 3.7V 4000mAh




PRODUCT INFO

| | |
|---|---|
| CCT (K) | 4000 |
| Lumens (lm) | 930 |
| Efficacy (lm/W) | 118 |
| Wattage (W) | 8 |
| CRI | >80 |
| Beam Angle (°) | 120 |
| LED Lifetime (Hrs) | 35000 |
| Detection Angle (°) | 120 |
| Detection Distance (M) | 8 |
| Operating Temp (°C) | -20 to +60 |
| Charge Time (Hrs) | 5 to 6 |

PRODUCT APPROVALS

BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547

CE



# PATHFINDER FLOODLIGHTS

Fittings up to 50W are available in both black and white finishes and come in Warm White and Cool White options making it a versatile range.

The design incorporates a prismatic diffuser which produces a more even spread of light.

Our standard range can be used with remote sensors PIR's (Indoor & Outdoor) or Microwave sensors (Indoor Only) as well as with smart control systems. Available with PIR or Photocell sensors to automate control saving energy and improving security the Photocell range is ideal for lighting walkways, driveways, loading bays (100W-300W range) as well as highlighting architecture, atriums and soffits when used as an up-lighter.

**SENS**

Enables the sensitivity / distance to be set to help avoid accidental triggering from pets etc.

**TIME**

Set the 'ON' time when the PIR is activated (from 10 seconds to 10 minutes)

**LUX**

Set the desired light level (2 to 2000 Lux) for when the luminaire will turn 'ON'

## SENSOR OVER-RIDE

The fittings with a PIR have three settings available on the rear of the sensor housing. The PIR sensor may be over-ridden if the live supplying the fitting / PIR has an in-line switch installed.
Turning the power to the luminaire off and on twice in 3 seconds will enable the luminaire to remain on over-riding the PIR. To cancel the over-ride, turn the luminaire 'OFF' wait longer than 15 seconds and then turn back 'ON', the PIR will be enabled.

## 10W IP65 LED Floodlight

WARRANTY

IP65 | 3 YEAR

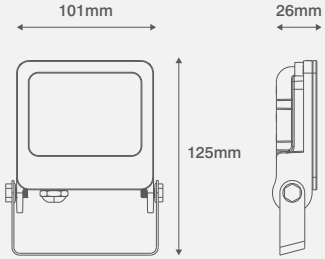
AVAILABLE FINISHES

WHITE | BLACK

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OV10110WHWW | 10W Floodlight - 3000K - White |
| OV10110BKWW | 10W Floodlight - 3000K - Black |
| OV10110WHCW | 10W Floodlight - 4000K - White |
| OV10110BKCW | 10W Floodlight - 4000K - Black |




PRODUCT INFO

| | | |
|---|---|---|
| Circuit Wattage (W) | 10 | |
| CCT (K) | 3000 | 4000 |
| Lumens (lm) | 700 | 800 |
| Efficacy (lm/W) | 70 | 80 |
| CRI | >80 | |
| Beam Angle (°) | 110 | |
| LED Lifetime (Hrs) | 30000 | |
| Voltage (V~) | 220-240 | |
| Frequency (Hz) | 50/60 | |
| Operating Temp (°C) | -20 to +45 | |

Prewired with 1 metre flylead

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-5 BS EN 55015 BS EN 61547 BS EN 62471 BS EN 62493 BS EN 61000-3-2 BS EN 61000-3-3

CE | UKCA







## 20W IP65 LED Floodlight

AVAILABLE FINISHES

BLACK | WHITE

WARRANTY

3 YEAR | IP65

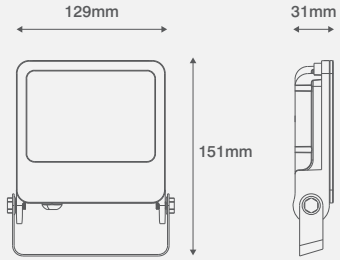
COLOUR TEMPERATURE

WARM WHITE | COOL WHITE

PRODUCT INFO

| | | |
|---|---|---|
| Circuit Wattage (W) | 20 | |
| CCT (K) | 3000 | 4000 |
| Lumens (lm) | 1500 | 1600 |
| Efficacy (lm/W) | 75 | 80 |
| CRI | >80 | |
| Beam Angle (°) | 110 | |
| LED Lifetime (Hrs) | 30000 | |
| Voltage (V~) | 220-240 | |
| Frequency (Hz) | 50/60 | |
| Operating Temp (°C) | -20 to +45 | |

| CODE | DESCRIPTION |
|---|---|
| OV10120WHWW | 20W Floodlight - 3000K - White |
| OV10120BKWW | 20W Floodlight - 3000K - Black |
| OV10120WHCW | 20W Floodlight - 4000K - White |
| OV10120BKCW | 20W Floodlight - 4000K - Black |




PRODUCT APPROVALS

Prewired with 1 metre flylead

BS EN 60598-1 BS EN 60598-2-5 BS EN 55015 BS EN 61547 BS EN 62471 BS EN 62493 BS EN 61000-3-2 BS EN 61000-3-3

UKCA | CE

## 30W IP65 LED Floodlight

IP65

WARRANTY 3 YEAR

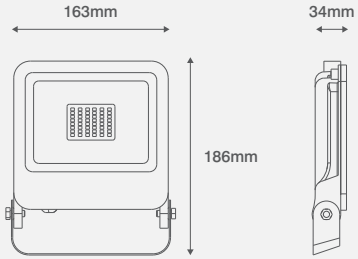
AVAILABLE FINISHES

WHITE BLACK

COLOUR TEMPERATURE

WARM WHITE COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OV10130WHWW | 30W Floodlight - 3000K - White |
| OV10130BKWW | 30W Floodlight - 3000K - Black |
| OV10130WHCW | 30W Floodlight - 4000K - White |
| OV10130BKCW | 30W Floodlight - 4000K - Black |




| PRODUCT INFO | | |
|---|---|---|
| Circuit Wattage (W) | 30 | |
| CCT (K) | 3000 | 4000 |
| Lumens (lm) | 2400 | |
| Efficacy (lm/W) | 80 | |
| CRI | >80 | |
| Beam Angle (°) | 110 | |
| LED Lifetime (Hrs) | 30000 | |
| Voltage (V~) | 220-240 | |
| Frequency (Hz) | 50/60 | |
| Operating Temp (°C) | -20 to +45 | |

Prewired with 1 metre flylead

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-5 BS EN 55015 BS EN 61547 BS EN 62471 BS EN 62493 BS EN 61000-3-2 BS EN 61000-3-3







## 50W IP65 LED Floodlight

AVAILABLE FINISHES

BLACK WHITE

WARRANTY 3 YEAR

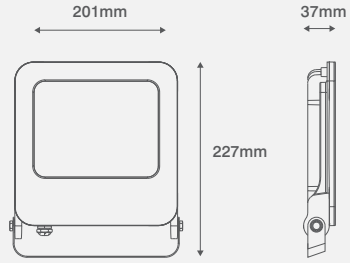
IP65

COLOUR TEMPERATURE

WARM WHITE COOL WHITE

| PRODUCT INFO | | |
|---|---|---|
| Circuit Wattage (W) | 50 | |
| CCT (K) | 3000 | 4000 |
| Lumens (lm) | 4000 | |
| Efficacy (lm/W) | 80 | |
| CRI | >80 | |
| Beam Angle (°) | 110 | |
| LED Lifetime (Hrs) | 30000 | |
| Voltage (V~) | 220-240 | |
| Frequency (Hz) | 50/60 | |
| Operating Temp (°C) | -20 to +45 | |

| CODE | DESCRIPTION |
|---|---|
| OV10150WHWW | 50W Floodlight - 3000K - White |
| OV10150BKWW | 50W Floodlight - 3000K - Black |
| OV10150WHCW | 50W Floodlight - 4000K - White |
| OV10150BKCW | 50W Floodlight - 4000K - Black |




PRODUCT APPROVALS

Prewired with 1 metre flylead

BS EN 60598-1 BS EN 60598-2-5 BS EN 55015 BS EN 61547 BS EN 62471 BS EN 62493 BS EN 61000-3-2 BS EN 61000-3-3

## 10W IP65 LED Floodlight With PIR

IP65 | WARRANTY 3 YEAR | PIR | INFRARED SENSOR | SENSOR OVER-RIDE

AVAILABLE FINISHES

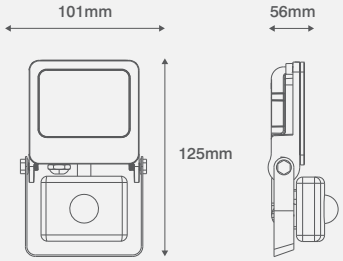
WHITE | BLACK

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OV10110WHWWPIR | 10W Floodlight With PIR - 3000K - White |
| OV10110BKWWPIR | 10W Floodlight With PIR - 3000K - Black |
| OV10110WHCWPIR | 10W Floodlight With PIR - 4000K - White |
| OV10110BKCWPIR | 10W Floodlight With PIR - 4000K - Black |

For additional PIR information please see page 401




| PRODUCT INFO | | |
|---|---|---|
| Circuit Wattage (W) | 10 | |
| CCT (K) | 3000 | 4000 |
| Lumens (lm) | 700 | 800 |
| Efficacy (lm/W) | 70 | 80 |
| CRI | >80 | |
| Beam Angle (°) | 110 | |
| LED Lifetime (Hrs) | 30000 | |
| Voltage (V~) | 220-240 | |
| Frequency (Hz) | 50/60 | |
| Operating Temp (°C) | -10 to +45 | |
| Detection Area | 180° Up to 10m | |
| Time Delay | 10 Secs to 10 Mins | |
| Daylight Sensitivity (Lux) | 2 to 2000 | |

Prewired with 1 metre flylead

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-5 BS EN 55015 BS EN 61547 BS EN 62471 BS EN 62493 BS EN 61000-3-2 BS EN 61000-3-3

CE | UKCA







## 20W IP65 LED Floodlight With PIR

AVAILABLE FINISHES

BLACK | WHITE

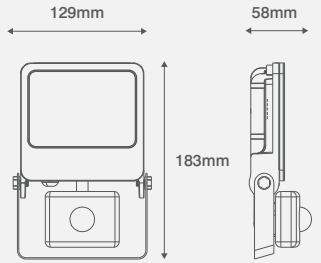
SENSOR OVER-RIDE | INFRARED SENSOR | PIR | WARRANTY 3 YEAR | IP65

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OV10120WHWWPIR | 20W Floodlight With PIR - 3000K - White |
| OV10120BKWWPIR | 20W Floodlight With PIR - 3000K - Black |
| OV10120WHCWPIR | 20W Floodlight With PIR - 4000K - White |
| OV10120BKCWPIR | 20W Floodlight With PIR - 4000K - Black |

For additional PIR information please see page 401




| PRODUCT INFO | | |
|---|---|---|
| Circuit Wattage (W) | 20 | |
| CCT (K) | 3000 | 4000 |
| Lumens (lm) | 1500 | 1600 |
| Efficacy (lm/W) | 75 | 80 |
| CRI | >80 | |
| Beam Angle (°) | 110 | |
| LED Lifetime (Hrs) | 30000 | |
| Voltage (V~) | 220-240 | |
| Frequency (Hz) | 50/60 | |
| Operating Temp (°C) | -10 to +45 | |
| Detection Area | 180° Up to 10m | |
| Time Delay | 10 Secs to 10 Mins | |
| Daylight Sensitivity (Lux) | 2 to 2000 | |

PRODUCT APPROVALS

Prewired with 1 metre flylead

BS EN 60598-1 BS EN 60598-2-5 BS EN 55015 BS EN 61547 BS EN 62471 BS EN 62493 BS EN 61000-3-2 BS EN 61000-3-3

UKCA | CE

## 30W IP65 LED Floodlight With PIR

IP65 | WARRANTY 3 YEAR | PIR | INFRARED SENSOR | SENSOR OVER-RIDE

AVAILABLE FINISHES

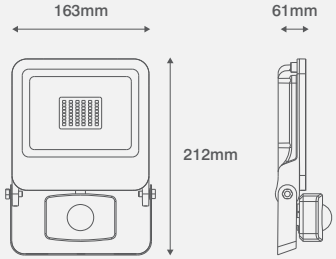
WHITE | BLACK

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OV10130WHWWPIR | 30W Floodlight With PIR - 3000K - White |
| OV10130BKWWPIR | 30W Floodlight With PIR - 3000K - Black |
| OV10130WHCWPIR | 30W Floodlight With PIR - 4000K - White |
| OV10130BKCWPIR | 30W Floodlight With PIR - 4000K - Black |

For additional PIR information please see page 401




| PRODUCT INFO | | |
|---|---|---|
| Circuit Wattage (W) | 30 | |
| CCT (K) | 3000 | 4000 |
| Lumens (lm) | 2400 | |
| Efficacy (lm/W) | 80 | |
| CRI | >80 | |
| Beam Angle (°) | 110 | |
| LED Lifetime (Hrs) | 30000 | |
| Voltage (V~) | 220-240 | |
| Frequency (Hz) | 50/60 | |
| Operating Temp (°C) | -10 to +45 | |
| Detection Area | 180° Up to 10m | |
| Time Delay | 10 Secs to 10 Mins | |
| Daylight Sensitivity (Lux) | 2 to 2000 | |

Prewired with 1 metre flylead

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-5 BS EN 55015 BS EN 61547 BS EN 62471 BS EN 62493 BS EN 61000-3-2 BS EN 61000-3-3

CE | UKCA







## 50W IP65 LED Floodlight With PIR

AVAILABLE FINISHES

BLACK | WHITE

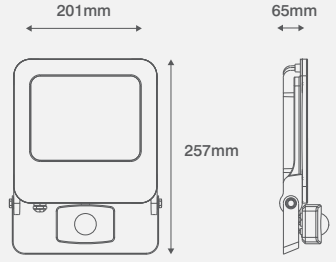
SENSOR OVER-RIDE | INFRARED SENSOR | PIR | WARRANTY 3 YEAR | IP65

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OV10150WHWWPIR | 50W Floodlight With PIR - 3000K - White |
| OV10150BKWWPIR | 50W Floodlight With PIR - 3000K - Black |
| OV10150WHCWPIR | 50W Floodlight With PIR - 4000K - White |
| OV10150BKCWPIR | 50W Floodlight With PIR - 4000K - Black |

For additional PIR information please see page 401




| PRODUCT INFO | | |
|---|---|---|
| Circuit Wattage (W) | 50 | |
| CCT (K) | 3000 | 4000 |
| Lumens (lm) | 4000 | |
| Efficacy (lm/W) | 80 | |
| CRI | >80 | |
| Beam Angle (°) | 110 | |
| LED Lifetime (Hrs) | 30000 | |
| Voltage (V~) | 220-240 | |
| Frequency (Hz) | 50/60 | |
| Operating Temp (°C) | -10 to +45 | |
| Detection Area | 180° Up to 10m | |
| Time Delay | 10 Secs to 10 Mins | |
| Daylight Sensitivity (Lux) | 2 to 2000 | |

PRODUCT APPROVALS

Prewired with 1 metre flylead

BS EN 60598-1 BS EN 60598-2-5 BS EN 55015 BS EN 61547 BS EN 62471 BS EN 62493 BS EN 61000-3-2 BS EN 61000-3-3

UKCA | CE

## 100W IP65 LED Floodlight

WARRANTY

IP65 | 3 YEAR

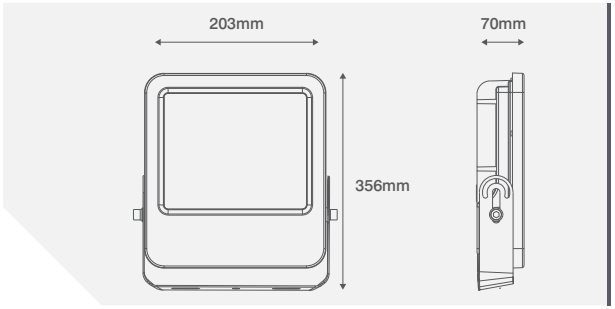
AVAILABLE FINISHES

BLACK

COLOUR TEMPERATURE

COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OV101100BKCW | 100W Floodlight - 4000K - Black |




| PRODUCT INFO | |
|---|---|
| Circuit Wattage (W) | 100 |
| CCT (K) | 4000 |
| Lumens (lm) | 9000 |
| Efficacy (lm/W) | 90 |
| CRI | >80 |
| Beam Angle (°) | 110 |
| LED Lifetime (Hrs) | 30000 |
| Voltage (V~) | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°C) | -20 to +45 |

Prewired with 1 metre flylead

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-5 BS EN 55015 BS EN 61547 BS EN 62471 BS EN 62493 BS EN 61000-3-2 BS EN 61000-3-3







## 150W IP65 LED Floodlight

AVAILABLE FINISHES

BLACK

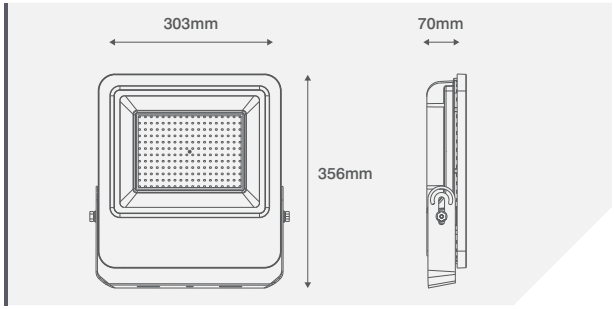
WARRANTY

3 YEAR | IP65

COLOUR TEMPERATURE

COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OV101150BKCW | 150W Floodlight - 4000K - Black |




| PRODUCT INFO | |
|---|---|
| Circuit Wattage (W) | 150 |
| CCT (K) | 4000 |
| Lumens (lm) | 13500 |
| Efficacy (lm/W) | 90 |
| CRI | >80 |
| Beam Angle (°) | 110 |
| LED Lifetime (Hrs) | 30000 |
| Voltage (V~) | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°C) | -20 to +45 |

PRODUCT APPROVALS

Prewired with 1 metre flylead

BS EN 60598-1 BS EN 60598-2-5 BS EN 55015 BS EN 61547 BS EN 62471 BS EN 62493 BS EN 61000-3-2 BS EN 61000-3-3

## 200W IP65 LED Floodlight

WARRANTY

IP65 | 3 YEAR

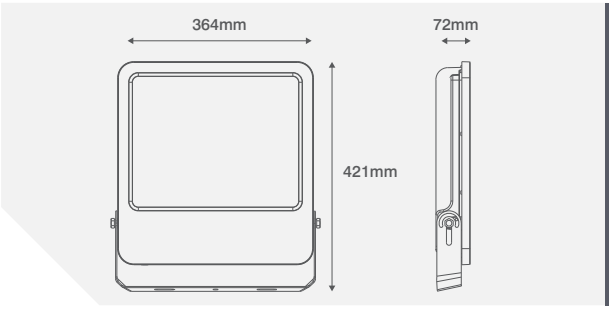
AVAILABLE FINISHES

BLACK

COLOUR TEMPERATURE

COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OV101200BKCW | 200W Floodlight - 4000K - Black |




| PRODUCT INFO | |
|---|---|
| Circuit Wattage (W) | 200 |
| CCT (K) | 4000 |
| Lumens (lm) | 20000 |
| Efficacy (lm/W) | 100 |
| CRI | >80 |
| Beam Angle (°) | 110 |
| LED Lifetime (Hrs) | 30000 |
| Voltage (V~) | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°C) | -20 to +45 |

Prewired with 1 metre flylead

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-5 BS EN 55015 BS EN 61547 BS EN 62471 BS EN 62493 BS EN 61000-3-2 BS EN 61000-3-3

CE UK CA







## 300W IP65 LED Floodlight

AVAILABLE FINISHES

BLACK

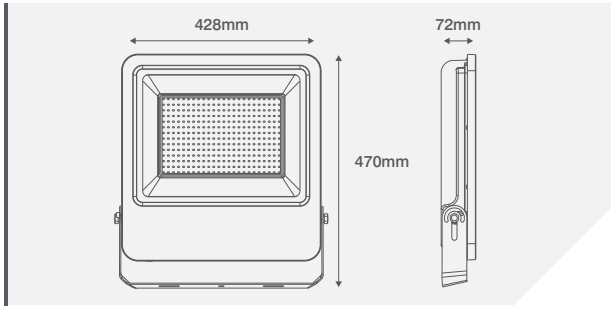
WARRANTY

3 YEAR | IP65

COLOUR TEMPERATURE

COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OV101300BKCW | 300W Floodlight - 4000K - Black |




| PRODUCT INFO | |
|---|---|
| Circuit Wattage (W) | 300 |
| CCT (K) | 4000 |
| Lumens (lm) | 24000 |
| Efficacy (lm/W) | 80 |
| CRI | >80 |
| Beam Angle (°) | 110 |
| LED Lifetime (Hrs) | 30000 |
| Voltage (V~) | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°C) | -20 to +45 |

PRODUCT APPROVALS

Prewired with 1 metre flylead

BS EN 60598-1 BS EN 60598-2-5 BS EN 55015 BS EN 61547 BS EN 62471 BS EN 62493 BS EN 61000-3-2 BS EN 61000-3-3

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## 100W IP65 LED Floodlight With Photocell

IP65 | WARRANTY 3 YEAR | LIGHT CONTROL SENSOR

AVAILABLE FINISHES

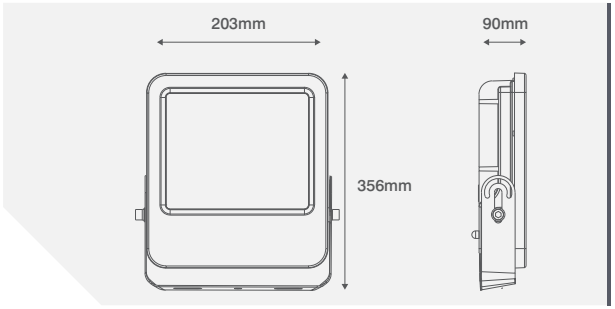
BLACK

COLOUR TEMPERATURE

COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OV101100BKCWPC | 100W Floodlight With Photocell - 4000K - Black |

| PRODUCT INFO | |
|---|---|
| Circuit Wattage (W) | 100 |
| CCT (K) | 4000 |
| Lumens (lm) | 9000 |
| Efficacy (lm/W) | 90 |
| CRI | >80 |
| Beam Angle (°) | 110 |
| LED Lifetime (Hrs) | 30000 |
| Voltage (V~) | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°C) | -20 to +45 |
| Ambient Light 'ON' | 10 to 20 |
| Ambient Light 'OFF' | 30 to 60 |




Prewired with 1 metre flylead

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-5 BS EN 55015 BS EN 61547 BS EN 62471 BS EN 62493 BS EN 61000-3-2 BS EN 61000-3-3

CE UKCA







## 150W IP65 LED Floodlight With Photocell

AVAILABLE FINISHES

BLACK

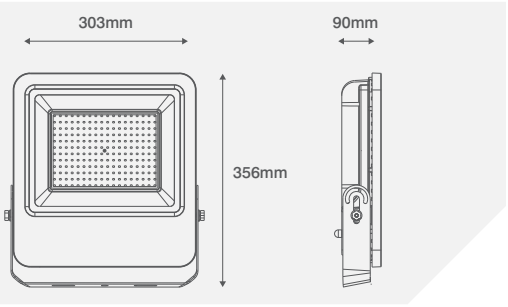
LIGHT CONTROL SENSOR | WARRANTY 3 YEAR | IP65

COLOUR TEMPERATURE

COOL WHITE

| PRODUCT INFO | |
|---|---|
| Circuit Wattage (W) | 150 |
| CCT (K) | 4000 |
| Lumens (lm) | 13500 |
| Efficacy (lm/W) | 90 |
| CRI | >80 |
| Beam Angle (°) | 110 |
| LED Lifetime (Hrs) | 30000 |
| Voltage (V~) | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°C) | -20 to +45 |
| Ambient Light 'ON' | 10 to 20 |
| Ambient Light 'OFF' | 30 to 60 |

| CODE | DESCRIPTION |
|---|---|
| OV101150BKCWPC | 150W Floodlight With Photocell - 4000K - Black |




PRODUCT APPROVALS

Prewired with 1 metre flylead

BS EN 60598-1 BS EN 60598-2-5 BS EN 55015 BS EN 61547 BS EN 62471 BS EN 62493 BS EN 61000-3-2 BS EN 61000-3-3

UKCA CE

## 200W IP65 LED Floodlight With Photocell

IP65 | WARRANTY 3 YEAR | LIGHT CONTROL SENSOR

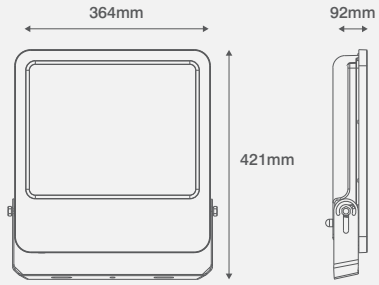
AVAILABLE FINISHES

BLACK

COLOUR TEMPERATURE

COOL WHITE

| CODE | DESCRIPTION |
|---|---|
| OV101200BKCWPC | 200W Floodlight With Photocell - 4000K - Black |




| PRODUCT INFO | |
|---|---|
| Circuit Wattage (W) | 200 |
| CCT (K) | 4000 |
| Lumens (lm) | 20000 |
| Efficacy (lm/W) | 100 |
| CRI | >80 |
| Beam Angle (°) | 110 |
| LED Lifetime (Hrs) | 30000 |
| Voltage (V~) | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°C) | -20 to +45 |
| Ambient Light 'ON' | 10 to 20 |
| Ambient Light 'OFF' | 30 to 60 |

Prewired with 1 metre flylead

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-5 BS EN 55015 BS EN 61547 BS EN 62471 BS EN 62493 BS EN 61000-3-2 BS EN 61000-3-3

CE UKCA





## 300W IP65 LED Floodlight With Photocell

AVAILABLE FINISHES

BLACK

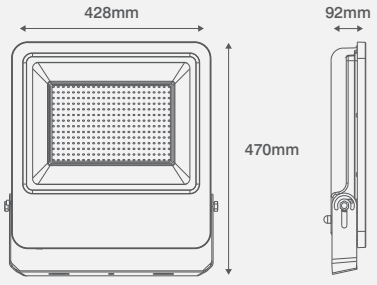
LIGHT CONTROL SENSOR | WARRANTY 3 YEAR | IP65

COLOUR TEMPERATURE

COOL WHITE

| PRODUCT INFO | |
|---|---|
| Circuit Wattage (W) | 300 |
| CCT (K) | 4000 |
| Lumens (lm) | 24000 |
| Efficacy (lm/W) | 80 |
| CRI | >80 |
| Beam Angle (°) | 110 |
| LED Lifetime (Hrs) | 30000 |
| Voltage (V~) | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°C) | -20 to +45 |
| Ambient Light 'ON' | 10 to 20 |
| Ambient Light 'OFF' | 30 to 60 |

| CODE | DESCRIPTION |
|---|---|
| OV101300BKCWPC | 300W Floodlight With Photocell - 4000K - Black |




PRODUCT APPROVALS

Prewired with 1 metre flylead

BS EN 60598-1 BS EN 60598-2-5 BS EN 55015 BS EN 61547 BS EN 62471 BS EN 62493 BS EN 61000-3-2 BS EN 61000-3-3

UKCA CE

# GATOR

5YR WARRANTY | IP66 | IK10 | 10KV SURGE PROTECTION | ME1-2 (TYPE II) 85°X150° BEAM ANGLE (°)

## LED Street Lighting

Ideal for lighting larger outdoor areas. Our Gator LED Street Lights are designed to be easy to install via toolless entry.

## Photocell Accessory

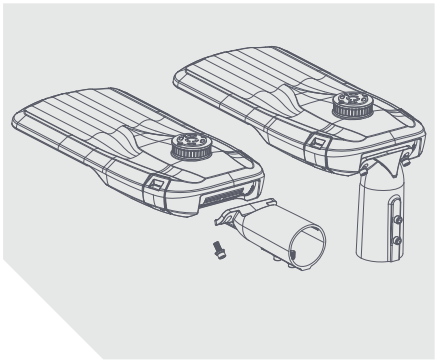
The shorting cap can be replaced by a photocell sensor

## Toolless Opening

Toolless gear tray removal for ease of maintenance

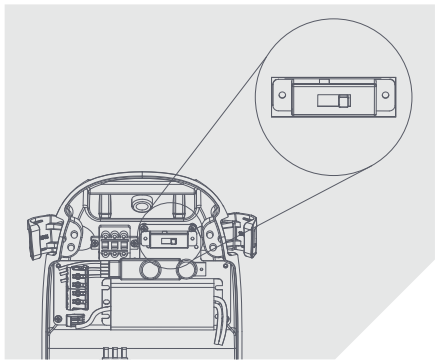
## Reversible Mount

Rotate and pivot the mount bracket to allow for vertical or horizontal fitment with no additional joints required. The Spigot size is 76mm and a Wall Bracket for these products is available.



## CCT Switch

All models include a CCT switch allowing the product to change colour temperature between Warm White (3000K) Cool White (4000K) and Daylight (6000K)







## Small IP66 LED Street Luminaire Head - CCT

AVAILABLE FINISHES

GREY

IK10 | 50000 LIFETIME | 85 x 150 (Type II M) BEAM ANGLE | WARRANTY 5 YEAR | IP66

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT | CCT

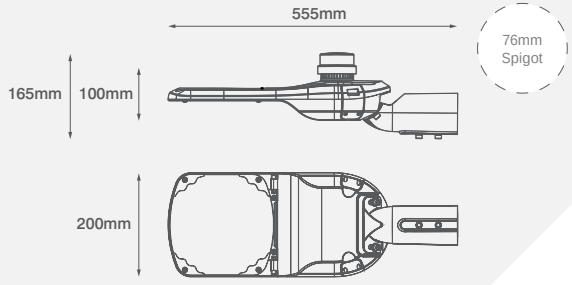
PRODUCT INFO

| | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| 20W Lumens (lm) | 2800 | 3100 | 2800 |
| 40W Lumens (lm) | 5600 | 6200 | 5600 |
| Efficacy (lm/W) | 140 | 155 | 140 |
| Wattage (W) | 20 & 40 Versions Available | | |
| CRI | >70 | | |
| Beam Angle (°) | 85 x 150 (Type II M) | | |
| LED Lifetime (Hrs) | 50000 | | |
| Voltage (V~) | 100-277 | | |
| Frequency (Hz) | 50/60 | | |
| Dimmable | No | | |
| Operating Temp (°C) | -20 to +50 | | |

| CODE | DESCRIPTION |
|---|---|
| OV11320GY | 20W Street Luminaire Head - Grey |
| OV11340GY | 40W Street Luminaire Head - Grey |

COMPATIBLE PRODUCTS See page 422

| | |
|---|---|
| OV113PC | 3 Pin IP65 Photocell |
| OV113WB | 1175mm Wall Bracket - Grey |




Nema 3 Pin Socket Supplied For Sensor Selection With Shorting Cap Installed. Surge Protection Device Fitted.

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62471 BS EN 55015 BS EN 61547 BS EN 61000-3-2 BS EN 61000-3-3

UKCA | CE

## Medium IP66 LED Street Luminaire Head - CCT

IP66 | WARRANTY 5 YEAR | 85 x 150 (Type II M) BEAM ANGLE | 50000 LIFETIME | IK10

AVAILABLE FINISHES

GREY

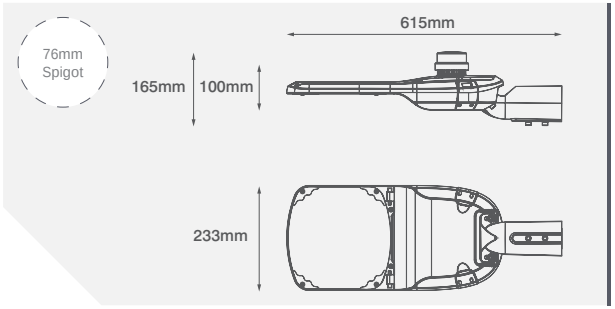
CCT

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OV11365GY | 65W Street Luminaire Head - Grey |
| OV113100GY | 100W Street Luminaire Head - Grey |

| COMPATIBLE PRODUCTS | See page 422 |
|---|---|
| OV113PC | 3 Pin IP65 Photocell |
| OV113WB | 1175mm Wall Bracket - Grey |




PRODUCT INFO

| | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| 65W Lumens (lm) | 9100 | 10050 | 9100 |
| 100W Lumens (lm) | 14000 | 15500 | 14000 |
| Efficacy (lm/W) | 140 | 155 | 140 |
| Wattage (W) | 65 & 100 Versions Available | | |
| CRI | >70 | | |
| Beam Angle (°) | 85 x 150 (Type II M) | | |
| LED Lifetime (Hrs) | 50000 | | |
| Voltage (V~) | 100-277 | | |
| Frequency (Hz) | 50/60 | | |
| Dimmable | No | | |
| Operating Temp (°C) | -20 to +50 | | |

Nema 3 Pin Socket Supplied For Sensor Selection With Shorting Cap Installed.
Surge Protection Device Fitted.

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62471 BS EN 55015 BS EN 61547 BS EN 61000-3-2 BS EN 61000-3-3

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## Large IP66 LED Street Luminaire Head - CCT

AVAILABLE FINISHES

GREY

IK10 | 50000 LIFETIME | 85 x 150 (Type II M) BEAM ANGLE | WARRANTY 5 YEAR | IP66

COLOUR TEMPERATURE

WARM WHITE | COOL WHITE | DAYLIGHT

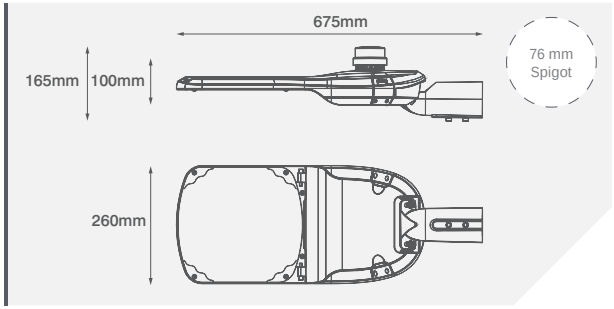
CCT

PRODUCT INFO

| | | | |
|---|---|---|---|
| CCT (K) | 3000 | 4000 | 6000 |
| Lumens (lm) | 18800 | 20500 | 18800 |
| Efficacy (lm/W) | 140 | 155 | 140 |
| Wattage (W) | 135 | | |
| CRI | >70 | | |
| Beam Angle (°) | 85 x 150 (Type II M) | | |
| LED Lifetime (Hrs) | 50000 | | |
| Voltage (V~) | 100-277 | | |
| Frequency (Hz) | 50/60 | | |
| Dimmable | No | | |
| Operating Temp (°C) | -20 to +50 | | |

| CODE | DESCRIPTION |
|---|---|
| OV113135GY | 135W Street Luminaire Head - Grey |

| COMPATIBLE PRODUCTS | See page 422 |
|---|---|
| OV113PC | 3 Pin IP65 Photocell |
| OV113WB | 1175mm Wall Bracket - Grey |




Nema 3 Pin Socket Supplied For Sensor Selection With Shorting Cap Installed.
Surge Protection Device Fitted.

PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 62471 BS EN 55015 BS EN 61547 BS EN 61000-3-2 BS EN 61000-3-3

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## Street Light Accessories

IP65

WARRANTY 5 YEAR

LIGHT CONTROL SENSOR

AVAILABLE FINISHES

BLACK

| CODE | DESCRIPTION |
|---|---|
| OV113PC | Twist-Lock Photocell - Black |

16 Lux On & Off
81.8mm Diameter x 55mm (D)

PRODUCT INFO

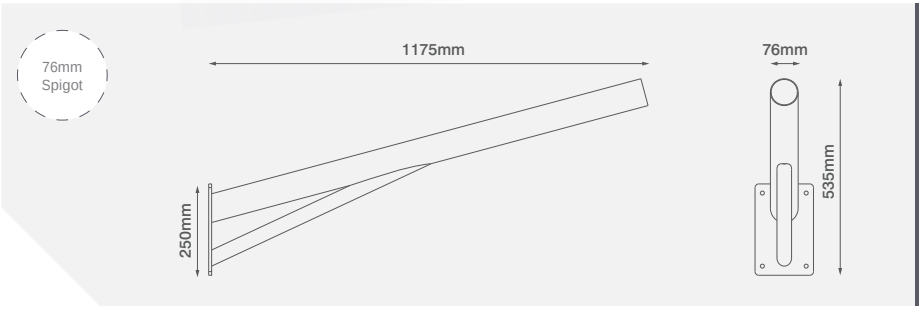
| | |
|---|---|
| Voltage (AC) | 120-277 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°C) | -40 to +70 |

WARRANTY 5 YEAR

AVAILABLE FINISHES

GREY

| CODE | DESCRIPTION |
|---|---|
| OV113WB | Ø76mm Wall Arm Bracket - Grey |




PRODUCT APPROVALS

BS EN 60598-1 BS EN 60598-2-1 BS EN 55015 BS EN 61547 BS EN 61000-3-2 BS EN 61000-3-3

# EMERGENCY LIGHTING

# EMERGENCY LIGHTING

Our complete range of Ovia® Emergency products and batteries are supplied with a 4 year warranty. All self contained luminaires should use batteries of a type having declared life expectancy of at least 4 years when operated in the luminaire in accordance with Annex A.3 of BS EN 60598-2-22: 2014.

This section of our catalogue hosts a selection of Emergency Lighting products, such as; Bulkheads, Exit Boxes, Surface/Suspended Exit Boxes, Downlights, Twin Spots and Emergency Accessories.

All of our Emergency products are 'Self Contained.' A Self Contained Emergency Sign or Luminaire contains all components such as the battery; lamp and control gear contained within the same housing or within 1 metre of the housing.

## Contents


Bulkhead ..... **426**
Exit Boxes ..... **431**
Exit Boxes ..... **440**
Twin Spots ..... **441**
Downlights ..... **445**
Accessories ..... **452**

## INCEPTOR® PRODUCTS TO LOOK OUT FOR IN THIS SECTION...

HULKE

4 YEAR BATTERY WARRANTY

Look out for this icon!

Switch 2 Inceptor

# INCEPTOR® HULKE

## Emergency LED Maintained Hinged Bulkhead

## Replacement Battery

Everything you need to complete your installation.

## Emergency Bulkhead Legends

WHITE — White Finish

DAYLIGHT — Daylight Colour Temperature

30,000 Hour Lifetime

110° Beam Angle (°)

4 YEAR — Warranty

IP65 — Ingress Protection





### 3W Emergency LED Maintained Hinged Bulkhead - IP65

AVAILABLE FINISHES

WHITE

BATTERY WARRANTY 4 YEAR | WARRANTY 4 YEAR | IP65

COLOUR TEMPERATURE

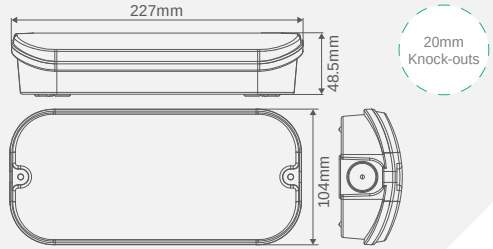
DAYLIGHT

| PRODUCT INFO | |
|---|---|
| Circuit Wattage (W) | 3 |
| CCT (K) | 5500 |
| Lumens (lm) (Mains) | 151 |
| Lumens (lm) (Emergency) | 107 |
| Beam Angle (°) | 110 |
| LED Lifetime (Hrs) | 30000 |
| Voltage (AC) | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°C) | 0 to +40 |
| Viewing Distance (M) | 20 |

| CODE | DESCRIPTION |
|---|---|
| OVEM2311 | 3W IP65 Hinged Bulkhead With Legend |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVEMSP003 | Emergency Bulkhead Legends | See page 458 |
| OVEMB3609NCS | 3.6V 900mAh Ni-Cd Battery - Serial | See page 452 |




See page 466 for spacing tables

PRODUCT APPROVALS

Adhesive Legend Supplied

BS EN 60598-2-22; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547

## 3W Emergency LED Maintained Bulkhead - IP65

IP65 | WARRANTY 5 YEAR | SELF TEST AVAILABLE | BATTERY WARRANTY 5 YEAR | LI-ION

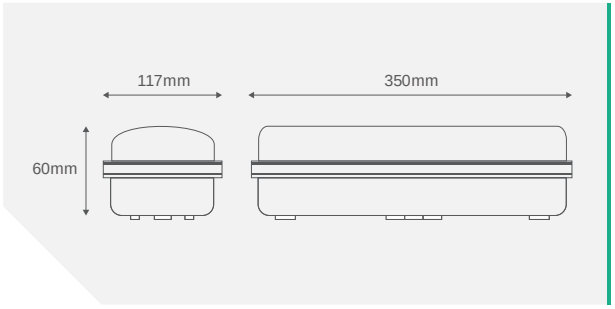
AVAILABLE FINISHES

WHITE

COLOUR TEMPERATURE

DAYLIGHT

| CODE | DESCRIPTION | |
|---|---|---|
| OEN3 | 3W Maintained Bulkhead | |
| OEN3-ST | 3W Maintained Self-Test Bulkhead | |
| REPLACEMENT BATTERY | | |
| OEB3215L | 3.2V 1500mAh Lithium (LiFePO4) Battery | See page 452 |
| COMPATIBLE PRODUCTS | | |
| OVEMSP004 | Emergency Bulkhead Flush Mounting Kit | See page 458 |
| OVEMSP003 | Emergency Bulkhead Legends | See page 458 |




| PRODUCT INFO | |
|---|---|
| Circuit Wattage (W) | 3 |
| CCT (K) | 5500 |
| Lumens (lm) (Mains) | 120 |
| Lumens (lm) (Emergency) | 110 |
| Beam Angle (°) | 120 |
| LED Lifetime (Hrs) | 30000 |
| Voltage (AC) | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°C) | 0 to +40 |

See page 467 for spacing tables

PRODUCT APPROVALS

BS EN 60598-2-22; BS EN 62034; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547



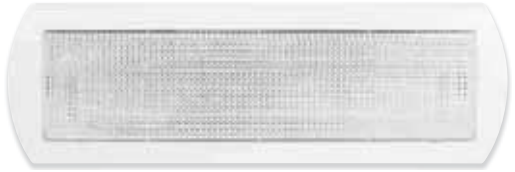




## 4W Emergency LED Maintained Flush Bulkhead

AVAILABLE FINISHES

LI-ION | BATTERY WARRANTY 5 YEAR | WARRANTY 5 YEAR | IP20



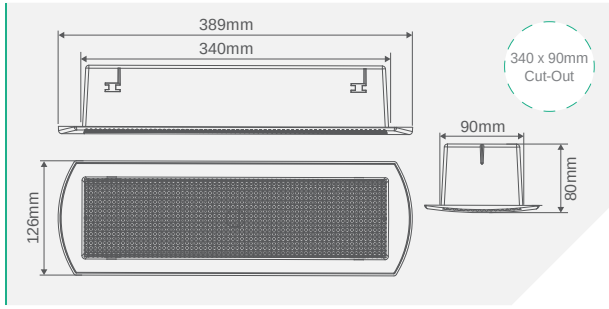
COLOUR TEMPERATURE

DAYLIGHT

| PRODUCT INFO | |
|---|---|
| Circuit Wattage (W) | 4 |
| CCT (K) | 5500 |
| Lumens (lm) (Mains) | 187 |
| Lumens (lm) (Emergency) | 140 |
| Beam Angle (°) | 100 |
| LED Lifetime (Hrs) | 30000 |
| Voltage (AC) | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°C) | 0 to +40 |

See page 467 for spacing tables

| CODE | DESCRIPTION | |
|---|---|---|
| OEO4 | 4W Maintained Flush Bulkhead | |
| REPLACEMENT BATTERY | | |
| OEB3215L | 3.2V 1500mAh Lithium (LiFePO4) Battery | See page 452 |




PRODUCT APPROVALS

BS EN 60598-2-22; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547

# SELF TEST EMERGENCY LIGHTING

Eliminate the need for manual testing with our range of Self-Test Emergency Lighting!

## SELF-TEST EMERGENCY LIGHTING EXPLAINED

Self-Test emergency lighting checks itself automatically to ensure that the battery and lamp in each emergency light are fully operational. If a problem is detected, the system will display a visual warning. The visual warning consists of an LED indicator fitted or adjacent to each luminaire and shall be indicated as follows:

| SHOWING LIGHT | LED STATUS | FITTING STATUS |
|---|---|---|
| Green LED ○ | Solid | Mains on, battery charging, no faults |
| Red LED ● | Single Flash | Battery Fault |
| Red LED ● | Double Flash | Lamp Fault |
| Red LED ● | Triple Flash | Duration Test Fail |

This technology is in compliance with BS EN 62034 and will test itself monthly (functional) and annually (full three-hour duration).

The self-test technology eliminates the need for manual testing, with the responsible person only required to check and record the status of the LED indicator. By not having to perform time consuming manual routine testing, this provides the building owner with a more cost effective solution and is also less disruptive to the building and its occupants.

**The intelligent warning technology with indicator results in faults being identified more quickly** so that the problem can be dealt with accordingly. Not only does this make it a simple option for solving issues but the initial swap/installation to this type of emergency lighting is easy.

**Self-test emergency lighting is one of the most effective ways to meet fire safety building** regulations and stay in control of your emergency lighting.



## 4W Emergency LED Maintained Box Exit Sign

AVAILABLE FINISHES

WHITE

BATTERY WARRANTY 4 YEAR | WARRANTY 4 YEAR | IP20

COLOUR TEMPERATURE

DAYLIGHT

PRODUCT INFO

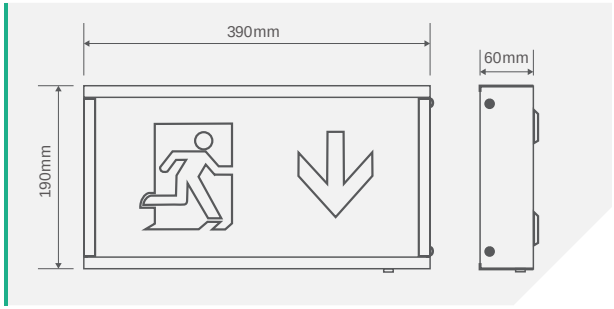
| | |
|---|---|
| Circuit Wattage (W) | 4 |
| CCT (K) | 5500 |
| Lumens (lm) (Mains) | 45 |
| Lumens (lm) (Emergency) | 40 |
| Beam Angle (°) | 100 |
| LED Lifetime (Hrs) | 30000 |
| Voltage (AC) | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°C) | 0 to +40 |
| Viewing Distance (M) | 34 |

For replacement legends see page 455

| CODE | DESCRIPTION |
|---|---|
| OVEM5311WHD | 4W Exit Sign - White - Down |
| OVEM5311WHL | 4W Exit Sign - White - Left |
| OVEM5311WHR | 4W Exit Sign - White - Right |
| OVEM5311WHU | 4W Exit Sign - White - Up |

REPLACEMENT BATTERY

OVEMB3615NCP 3.6V 1500mAh Ni-Cd Battery - Parallel See page 452




PRODUCT APPROVALS

BS EN 60598-2-22; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547

## 4W Emergency LED Maintained Box Exit Sign

IP20 | WARRANTY 4 YEAR | BATTERY WARRANTY 4 YEAR

AVAILABLE FINISHES

BLACK

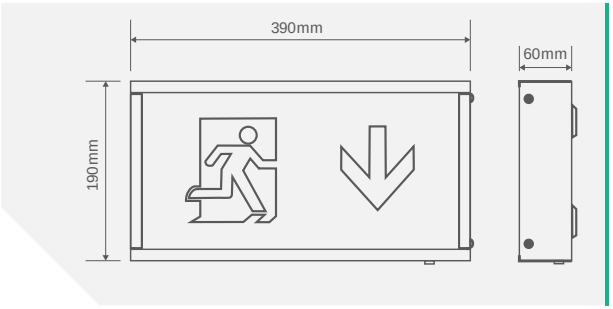
COLOUR TEMPERATURE

DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OVEM5311BKL | 4W Exit Sign - Black - Left |
| OVEM5311BKU | 4W Exit Sign - Black - Up |
| OVEM5311BKR | 4W Exit Sign - Black - Right |

REPLACEMENT BATTERY

OVEMB3615NCP 3.6V 1500mAh Ni-Cd Battery - Parallel See page 452




| PRODUCT INFO | |
|---|---|
| Circuit Wattage (W) | 4 |
| CCT (K) | 5500 |
| Lumens (lm) (Mains) | 45 |
| Lumens (lm) (Emergency) | 40 |
| Beam Angle (°) | 100 |
| LED Lifetime (Hrs) | 30000 |
| Voltage (AC) | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°C) | 0 to +40 |
| Viewing Distance (M) | 34 |

For replacement legends see page 455

PRODUCT APPROVALS

BS EN 60598-2-22; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547







## 4W Emergency LED Self-Test Maintained Box Exit Sign

AVAILABLE FINISHES

WHITE

SELF TEST AVAILABLE | BATTERY WARRANTY 4 YEAR | WARRANTY 4 YEAR | IP20

COLOUR TEMPERATURE

DAYLIGHT

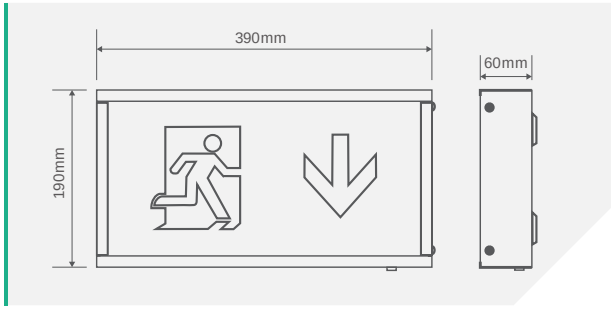
| PRODUCT INFO | |
|---|---|
| Circuit Wattage (W) | 4 |
| CCT (K) | 5500 |
| Lumens (lm) (Mains) | 45 |
| Lumens (lm) (Emergency) | 40 |
| Beam Angle (°) | 100 |
| LED Lifetime (Hrs) | 30000 |
| Voltage (AC) | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°C) | 0 to +40 |
| Viewing Distance (M) | 34 |

For replacement legends see page 455

| CODE | DESCRIPTION |
|---|---|
| OVEM5311WHDST | 4W Self-Test Exit Sign - White - Down |
| OVEM5311WHLST | 4W Self-Test Exit Sign - White - Left |
| OVEM5311WHRST | 4W Self-Test Exit Sign - White - Right |
| OVEM5311WHUST | 4W Self-Test Exit Sign - White - Up |

REPLACEMENT BATTERY

OVEMB3615NCP 3.6V 1500mAh Ni-Cd Battery - Parallel See page 452




PRODUCT APPROVALS

BS EN 60598-2-22; BS EN 62034; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547

## 4W Emergency LED Maintained Box Exit Sign

IP20 | WARRANTY 5 YEAR | BATTERY WARRANTY 5 YEAR | LI-ION

AVAILABLE FINISHES

WHITE

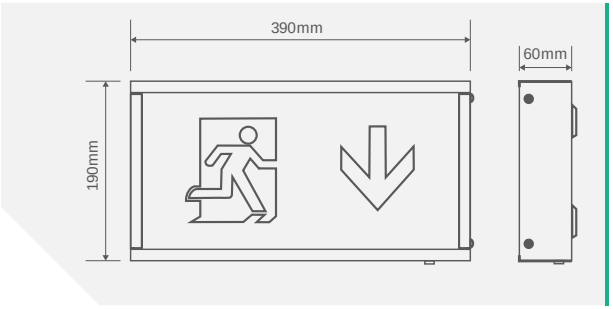
COLOUR TEMPERATURE

DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OEC4-D-W | 4W Maintained Box Exit Sign Down |
| OEC4-L-W | 4W Maintained Box Exit Sign Left |
| OEC4-R-W | 4W Maintained Box Exit Sign Right |
| OEC4-U-W | 4W Maintained Box Exit Sign Up |

REPLACEMENT BATTERY

| | | |
|---|---|---|
| OEB3215L | 3.2V 1500mAh Lithium (LiFePO4) Battery | See page 452 |




| PRODUCT INFO | |
|---|---|
| Circuit Wattage (W) | 4 |
| CCT (K) | 5500 |
| Lumens (lm) (Mains) | 45 |
| Lumens (lm) (Emergency) | 40 |
| Beam Angle (°) | 100 |
| LED Lifetime (Hrs) | 30000 |
| Voltage (AC) | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°C) | 0 to +40 |
| Viewing Distance (M) | 34 |

For replacement legends see page 455

PRODUCT APPROVALS

BS EN 60598-2-22; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547







## 4W Emergency LED Maintained Box Exit Sign

AVAILABLE FINISHES

BLACK

LI-ION | BATTERY WARRANTY 5 YEAR | WARRANTY 5 YEAR | IP20

COLOUR TEMPERATURE

DAYLIGHT

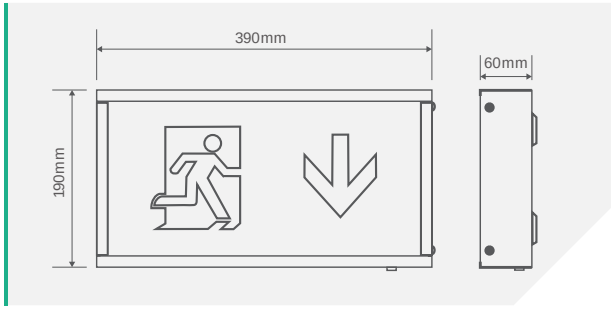
| PRODUCT INFO | |
|---|---|
| Circuit Wattage (W) | 4 |
| CCT (K) | 5500 |
| Lumens (lm) (Mains) | 45 |
| Lumens (lm) (Emergency) | 40 |
| Beam Angle (°) | 100 |
| LED Lifetime (Hrs) | 30000 |
| Voltage (AC) | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°C) | 0 to +40 |
| Viewing Distance (M) | 34 |

For replacement legends see page 455

| CODE | DESCRIPTION |
|---|---|
| OEC4-D-B | 4W Maintained Box Exit Sign Down |
| OEC4-L-B | 4W Maintained Box Exit Sign Left |
| OEC4-R-B | 4W Maintained Box Exit Sign Right |
| OEC4-U-B | 4W Maintained Box Exit Sign Up |

REPLACEMENT BATTERY

| | | |
|---|---|---|
| OEB3215L | 3.2V 1500mAh Lithium (LiFePO4) Battery | See page 452 |




PRODUCT APPROVALS

BS EN 60598-2-22; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547

## 4W Emergency LED Maintained Self-Test Box Exit Sign

IP20 | WARRANTY 5 YEAR | SELF TEST AVAILABLE | BATTERY WARRANTY 5 YEAR | LI-ION

AVAILABLE FINISHES

WHITE

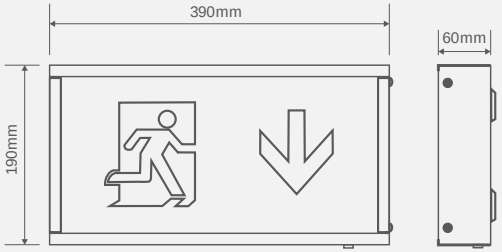
COLOUR TEMPERATURE

DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OEC4-D-ST-W | 4W Maintained Self-Test Box Exit Sign Down |
| OEC4-L-ST-W | 4W Maintained Self-Test Box Exit Sign Left |
| OEC4-R-ST-W | 4W Maintained Self-Test Box Exit Sign Right |
| OEC4-U-ST-W | 4W Maintained Self-Test Box Exit Sign Up |

REPLACEMENT BATTERY

| | | |
|---|---|---|
| OEB3215L | 3.2V 1500mAh Lithium (LiFePO4) Battery | See page 452 |




PRODUCT INFO

| | |
|---|---|
| Circuit Wattage (W) | 4 |
| CCT (K) | 5500 |
| Lumens (lm) (Mains) | 45 |
| Lumens (lm) (Emergency) | 40 |
| Beam Angle (°) | 100 |
| LED Lifetime (Hrs) | 30000 |
| Voltage (AC) | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°C) | 0 to +40 |
| Viewing Distance (M) | 34 |

For replacement legends see page 455

PRODUCT APPROVALS

BS EN 60598-2-22; BS EN 62034; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547







## 2W Emergency LED Maintained Wall/Ceiling Exit Sign

AVAILABLE FINISHES

WHITE

LI-ION | BATTERY WARRANTY 5 YEAR | SELF TEST AVAILABLE | WARRANTY 5 YEAR | IP20

COLOUR TEMPERATURE

DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OEH2-D | 2W Maintained Wall/Ceiling Exit Sign Down |
| OEH2-LR | 2W Maintained Wall/Ceiling Exit Sign Left & Right |
| OEH2-U | 2W Maintained Wall/Ceiling Exit Sign Up |
| OEH2-D-ST | 2W Maintained Self-Test Wall/Ceiling Exit Sign Down |
| OEH2-LR-ST | 2W Maintained Self-Test Wall/Ceiling Exit Sign Left & Right |
| OEH2-U-ST | 2W Maintained Self-Test Wall/Ceiling Exit Sign Up |

REPLACEMENT BATTERY

| | | |
|---|---|---|
| OEB3215L | 3.2V 1500mAh Lithium (LiFePO4) Battery | See page 452 |

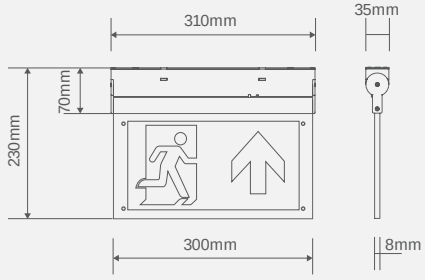
COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVEMSP002 | Wall Bracket For Exit Signs | See page 458 |

PRODUCT INFO

| | |
|---|---|
| Circuit Wattage (W) | 2 |
| CCT (K) | 5500 |
| Lumens (lm) (Mains) | 40 |
| Beam Angle (°) | 100 |
| LED Lifetime (Hrs) | 30000 |
| Voltage (AC) | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°C) | 0 to +40 |
| Viewing Distance (M) | 26 |

For replacement legends see page 456




PRODUCT APPROVALS

BS EN 60598-2-22; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547

## 2W Emergency LED Maintained Suspended Exit Sign

IP20 | WARRANTY 4 YEAR | BATTERY WARRANTY 4 YEAR | SELF TEST AVAILABLE

AVAILABLE FINISHES

WHITE

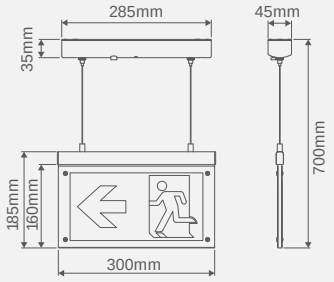
COLOUR TEMPERATURE

DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OVEM4211D | 2W Suspended Exit Sign - Down |
| OVEM4211LR | 2W Suspended Exit Sign - Left/Right |
| OVEM4211U | 2W Suspended Exit Sign - Up |
| OVEM4211DST | 2W Self-Test Suspended Exit Sign - Down |
| OVEM4211LRST | 2W Self-Test Suspended Exit Sign - Left/Right |
| OVEM4211UST | 2W Self-Test Suspended Exit Sign - Up |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OVEMSP002 | Wall Bracket For Exit Signs | See page 458 |




| PRODUCT INFO | |
|---|---|
| Circuit Wattage (W) | 2 |
| CCT (K) | 5500 |
| Lumens (lm) (Mains) | 40 |
| Lumens (lm) (Emergency) | 30 |
| Beam Angle (°) | 100 |
| LED Lifetime (Hrs) | 30000 |
| Voltage (AC) | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°C) | 0 to +40 |
| Viewing Distance (M) | 26 |

For replacement legends see page 456

Adjustable Height, Double Sided Legend

PRODUCT APPROVALS

BS EN 60598-2-22; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547





## 2W Emergency LED Maintained Suspended Exit Sign

AVAILABLE FINISHES

WHITE

LI-ION | BATTERY WARRANTY 5 YEAR | SELF TEST AVAILABLE | WARRANTY 5 YEAR | IP20

COLOUR TEMPERATURE

DAYLIGHT

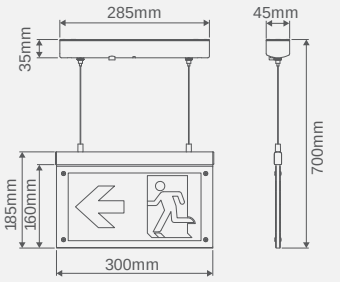
| PRODUCT INFO | |
|---|---|
| Circuit Wattage (W) | 2 |
| CCT (K) | 5500 |
| Lumens (lm) (Mains) | 40 |
| Lumens (lm) (Emergency) | 30 |
| Beam Angle (°) | 100 |
| LED Lifetime (Hrs) | 30000 |
| Voltage (AC) | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°C) | 0 to +40 |
| Viewing Distance (M) | 26 |

For replacement legends see page 456

| CODE | DESCRIPTION |
|---|---|
| OEV2-D | 2W Maintained Suspended Exit Sign Down |
| OEV2-LR | 2W Maintained Suspended Exit Sign Left |
| OEV2-U | 2W Maintained Suspended Exit Sign Up |
| OEV2-D-ST | 2W Maintained Self-Test Hanging Exit Sign Down |
| OEV2-LR-ST | 2W Maintained Self-Test Hanging Exit Sign Left & Right |
| OEV2-U-ST | 2W Maintained Self-Test Hanging Exit Sign Up |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OEB3215L | 3.2V 1500mAh Lithium (LiFePO4) Battery | See page 452 |




PRODUCT APPROVALS

Adjustable Height, Double Sided Legend

BS EN 60598-2-22; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547

## 3W LED IP20 Maintained Emergency Exit Box All Legends

IP20 | WARRANTY 5 YEAR | SELF TEST AVAILABLE: SELF TEST | BATTERY WARRANTY 5 YEAR | LI-ION

**4 LEGENDS**
**supplied as standard**

AVAILABLE FINISHES

WHITE

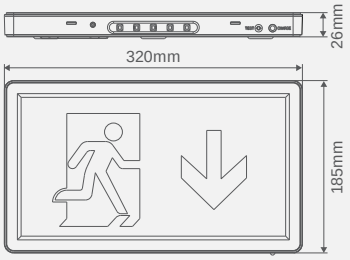
COLOUR TEMPERATURE

DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OEE3 | 3W LED IP20 Maintained Emergency Exit Box All Legends |
| OEE3-ST | 3W LED IP20 Maintained Emergency Self Test Exit Box All Legends |

REPLACEMENT BATTERY

| | | |
|---|---|---|
| OEB3215L | 3.2V 1500mAh Lithium (LiFePO4) Battery | See page 452 |




PRODUCT INFO

| | |
|---|---|
| Circuit Wattage (W) | 3 |
| CCT (K) | 6500 |
| Lumens (lm) (Mains) | 36 |
| Lumens (lm) (Emergency) | 36 |
| Beam Angle (°) | 120 |
| LED Lifetime (Hrs) | 50000 |
| Voltage (AC) | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°C) | 0 to +40 |
| Viewing Distance (M) | 24 |

For replacement legends see page 454

With Down Illumination Installed Supplied with all four legends (UP legend fitted)

PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-22; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547







## 2 x 3W Emergency LED Non-Maintained Twin Spot - IP65

AVAILABLE FINISHES

WHITE

SELF TEST AVAILABLE: SELF TEST | BATTERY WARRANTY 4 YEAR | WARRANTY 4 YEAR | IP65

COLOUR TEMPERATURE

DAYLIGHT

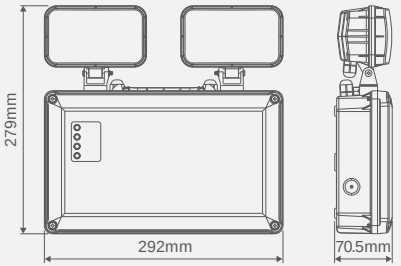
PRODUCT INFO

| | |
|---|---|
| Circuit Wattage (W) | 6 |
| CCT (K) | 6500 |
| Lumens (lm) | 368 |
| Beam Angle (°) | 120 |
| LED Lifetime (Hrs) | 50000 |
| Voltage (AC) | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°C) | 0 to +40 |

| CODE | DESCRIPTION |
|---|---|
| OVEM3610WH | 2 x 3W IP65 Twin Spot Fitting |
| OVEM3610WHST | 2 x 3W IP65 Self-Test Twin Spot Fitting |

REPLACEMENT BATTERY

| | | |
|---|---|---|
| OVEMB3630NCS | 3.6V 3000mAh Ni-Cd Battery - Serial | See page 452 |




PRODUCT APPROVALS

Adjustable Spots

BS EN 60598-1; BS EN 60598-2-22; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547

## 2 X 3W Emergency LED Non-Maintained Twin Spot

IP20 | WARRANTY 5 YEAR | BATTERY WARRANTY 5 YEAR | LI-ION

AVAILABLE FINISHES

WHITE

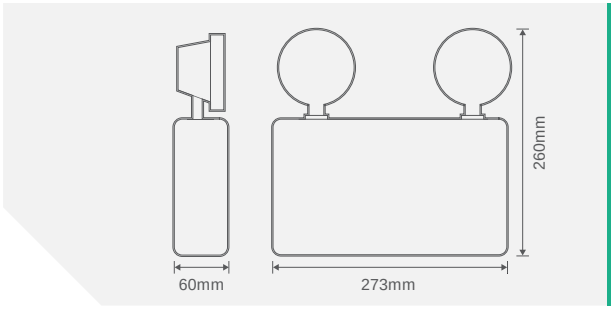
COLOUR TEMPERATURE

DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OEN6C | 2 X 3W Non-Maintained Twin Spot |

REPLACEMENT BATTERY

| | | |
|---|---|---|
| OEB3215L | 3.2V 1500mAh Lithium (LiFePO4) Battery | See page 452 |




PRODUCT INFO

| | |
|---|---|
| CCT (K) | 6000 |
| Lumens (lm) | 300 |
| Wattage (W) | 6 |
| Beam Angle (°) | 100 |
| LED Lifetime (Hrs) | 30000 |
| Voltage (AC) | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°C) | 0 to +40 |

PRODUCT APPROVALS

BS EN 60598-2-22; BS EN 62034; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547







## 2 X 3W IP65 Emergency LED Non-Maintained Twin Spot

AVAILABLE FINISHES

WHITE

LI-ION | BATTERY WARRANTY 5 YEAR | WARRANTY 5 YEAR | IP65

COLOUR TEMPERATURE

DAYLIGHT

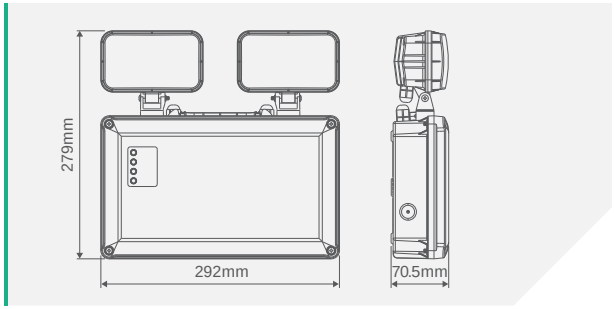
PRODUCT INFO

| | |
|---|---|
| CCT (K) | 6500 |
| Lumens (lm) | 350 |
| Wattage (W) | 6 |
| CRI | ≥70 |
| Beam Angle (°) | 120 |
| LED Lifetime (Hrs) | 50000 |
| Voltage (AC) | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°C) | 0 to +40 |

| CODE | DESCRIPTION |
|---|---|
| OEN6 | 2 X 3W IP65 Emergency LED Non-Maintained Twin Spot |

REPLACEMENT BATTERY

| | | |
|---|---|---|
| OEB3255L | 3.2V 5500mAh Lithium (LiFePO4) Battery | See page 452 |




PRODUCT APPROVALS

BS EN 60598-2-22; BS EN 62034; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547

Adjustable Spots

## 2 X 3W IP65 Emergency LED Non-Maintained Self Test Twin Spot

IP65 | WARRANTY 5 YEAR | SELF TEST AVAILABLE | BATTERY WARRANTY 5 YEAR | LI-ION

AVAILABLE FINISHES

WHITE

COLOUR TEMPERATURE

DAYLIGHT

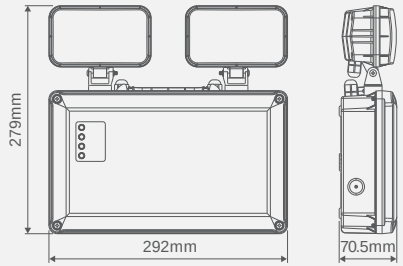
| CODE | DESCRIPTION |
|---|---|
| OEN6-ST | 2 X 3W IP65 Emergency LED Non-Maintained Self Test Twin Spot |

REPLACEMENT BATTERY

| | | |
|---|---|---|
| OEB3255L | 3.2V 5500mAh Lithium (LiFePO4) Battery | See page 452 |

PRODUCT INFO

| | |
|---|---|
| CCT (K) | 6500 |
| Lumens (lm) | 350 |
| Wattage (W) | 6 |
| CRI | ≥70 |
| Beam Angle (°) | 120 |
| LED Lifetime (Hrs) | 50000 |
| Voltage (AC) | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°C) | 0 to +40 |




Adjustable Spots

PRODUCT APPROVALS

BS EN 60598-2-22; BS EN 62034; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547







## 5W Emergency LED Non-Maintained Downlights

AVAILABLE FINISHES

WHITE

SELF TEST AVAILABLE | BATTERY WARRANTY 4 YEAR | WARRANTY 4 YEAR | IP20

COLOUR TEMPERATURE

DAYLIGHT

CORRIDOR LENS

PRODUCT INFO

| | |
|---|---|
| Circuit Wattage (W) | 5 |
| CCT (K) | 5500 |
| Lumens (lm) | 250 |
| Beam Angle (°) | 120 |
| LED Lifetime (Hrs) | 30000 |
| Voltage (AC) | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°C) | 0 to +40 |

See page 469 for spacing tables

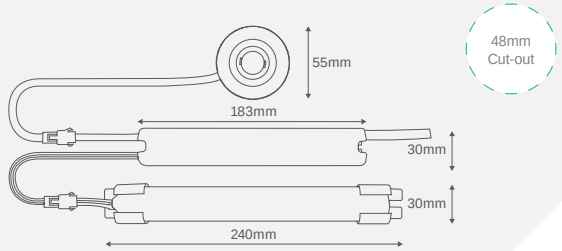
| CODE | DESCRIPTION |
|---|---|
| OVEM8510 | 5W Corridor Downlight - White |
| OVEM8510ST | 5W Self-Test Corridor Downlight - White |

REPLACEMENT BATTERY

| | | |
|---|---|---|
| OVEMB4835NCS | 4.8V 3500mAh Ni-Cd Battery - Serial | See page 452 |

COMPATIBLE PRODUCTS

| | | |
|---|---|---|
| OEI5CP-W | 5W Emergency Downlight Adapter Plate - White | See page 453 |




See page 469 for spacing tables

PRODUCT APPROVALS

BS EN 60598-2-22; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547

## 3W Emergency LED Non-Maintained Corridor Downlight

IP20 | WARRANTY 5 YEAR | SELF TEST AVAILABLE | LI-ION

AVAILABLE FINISHES

WHITE

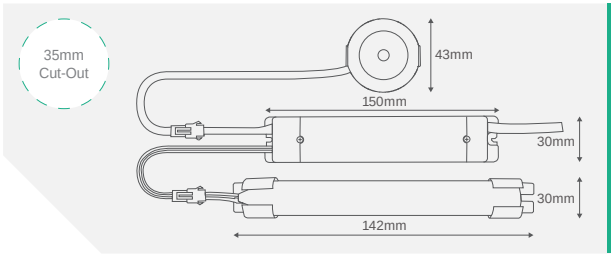
CORRIDOR LENS

COLOUR TEMPERATURE

DAYLIGHT

| CODE | DESCRIPTION | |
|---|---|---|
| OEI3C | 3W Corridor Downlight | |
| OEI3C-DA | 3W DALI Emergency Corridor Downlight | |
| OEI3C-ST | 3W Self-Test Corridor Downlight | |
| **REPLACEMENT BATTERY** | | |
| OEB3215L | 3.2V 1500mAh Lithium (LiFePO4) Battery | See page 452 |
| **COMPATIBLE PRODUCTS** | | |
| OEI3CP | 3W Emergency Downlight Adapter Plate | See page 453 |

| PRODUCT INFO | |
|---|---|
| Circuit Wattage (W) | 3 |
| CCT (K) | 5500 |
| Lumens (lm) | 110 |
| Beam Angle (°) | 135 |
| LED Lifetime (Hrs) | 30000 |
| Voltage (AC) | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°C) | 0 to +40 |




See page 469 for spacing tables

PRODUCT APPROVALS

BS EN 60598-2-22; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547







## 3W Emergency LED Non-Maintained Open Downlight

AVAILABLE FINISHES

WHITE | BLACK | SILVER

SELF TEST AVAILABLE | LI-ION | WARRANTY 5 YEAR | IP20

COLOUR TEMPERATURE

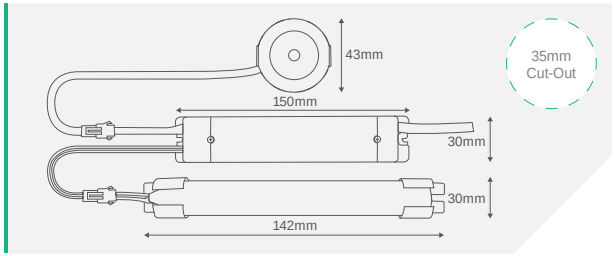
DAYLIGHT

OPEN LENS

| PRODUCT INFO | |
|---|---|
| Circuit Wattage (W) | 3 |
| CCT (K) | 5500 |
| Lumens (lm) | 130 |
| Beam Angle (°) | 120 |
| LED Lifetime (Hrs) | 30000 |
| Voltage (AC) | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°C) | 0 to +40 |

| CODE | DESCRIPTION | |
|---|---|---|
| OEI3O | 3W Open Downlight | |
| OEI3O-DA | 3W DALI Emergency Open Downlight | |
| OEI3O-ST | 3W Self-Test Open Downlight | |
| **REPLACEMENT BATTERY** | | |
| OEB3215L | 3.2V 1500mAh Lithium (LiFePO4) Battery | See page 452 |
| **COMPATIBLE PRODUCTS** | | |
| OEI3CP | 3W Emergency Downlight Adapter Plate | See page 453 |

See page 469 for spacing tables




PRODUCT APPROVALS

BS EN 60598-2-22; BS EN 62034; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547

## 5W Emergency LED Non-Maintained Corridor Downlight

IP20 | WARRANTY 5 YEAR | SELF TEST AVAILABLE | LI-ION

AVAILABLE FINISHES

WHITE

CORRIDOR LENS

COLOUR TEMPERATURE

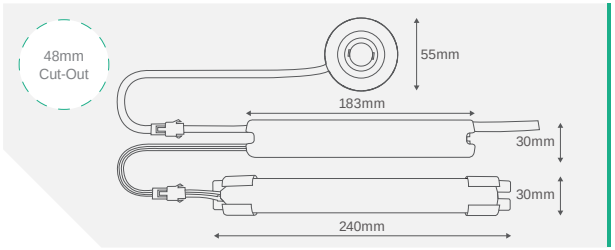
DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OEI5C | 5W Corridor Downlight |
| OEI5C-ST | 5W Self-Test Corridor Downlight |

| REPLACEMENT BATTERY | | |
|---|---|---|
| OEB3260L | 3.2V 6000mAh Lithium (LiFePO4) Battery | See page 452 |

| COMPATIBLE PRODUCTS | | |
|---|---|---|
| OEI5CP | 5W Emergency Downlight Adapter Plate | See page 453 |

| PRODUCT INFO | |
|---|---|
| Circuit Wattage (W) | 5 |
| CCT (K) | 5500 |
| Lumens (lm) | 250 |
| Beam Angle (°) | 120 |
| LED Lifetime (Hrs) | 30000 |
| Voltage (AC) | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°C) | 0 to +40 |




See page 470 for spacing tables

PRODUCT APPROVALS

BS EN 60598-2-22; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547







## 5W Emergency LED Non-Maintained Open Downlight

AVAILABLE FINISHES

WHITE

LI-ION | SELF TEST AVAILABLE | WARRANTY 5 YEAR | IP20

COLOUR TEMPERATURE

DAYLIGHT

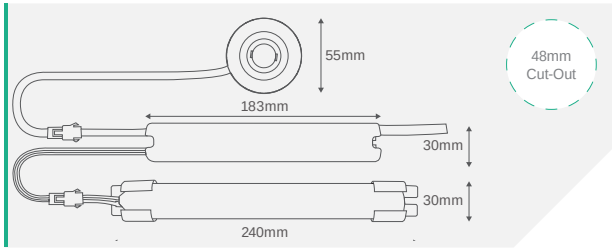
OPEN LENS

| PRODUCT INFO | |
|---|---|
| Circuit Wattage (W) | 5 |
| CCT (K) | 5500 |
| Lumens (lm) | 250 |
| Beam Angle (°) | 120 |
| LED Lifetime (Hrs) | 30000 |
| Voltage (AC) | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°C) | 0 to +40 |

| CODE | DESCRIPTION |
|---|---|
| OEI5O | 5W Open Downlight |
| OEI5O-ST | 5W Self-Test Open Downlight |

| REPLACEMENT BATTERY | | |
|---|---|---|
| OEB3260L | 3.2V 6000mAh Lithium (LiFePO4) Battery | See page 452 |

| COMPATIBLE PRODUCTS | | |
|---|---|---|
| OEI5CP | 5W Emergency Downlight Adapter Plate | See page 453 |




See page 470 for spacing tables

PRODUCT APPROVALS

BS EN 60598-2-22; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547

## 2.8W Emergency LED Self-Test Non-Maintained Surface Downlights

IP20 | WARRANTY 4 YEAR | BATTERY WARRANTY 4 YEAR | SELF TEST AVAILABLE

AVAILABLE FINISHES

WHITE

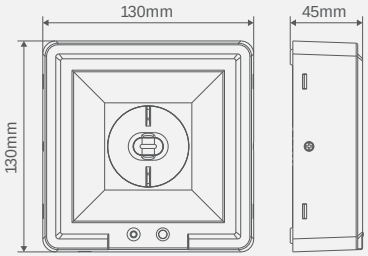
COLOUR TEMPERATURE

DAYLIGHT

| CODE | DESCRIPTION |
|---|---|
| OVEM12210WHST | 2.8W Self-Test Square Surface Downlight (3 Lens) - White |

REPLACEMENT BATTERY

| | | |
|---|---|---|
| OVEMB3620NCS-SC1 | 3.6V 2000mAh Ni-Cd Battery - 1 + 2 Serial | See page 452 |




See page 468 for spacing tables

PRODUCT INFO

| | CL | WCL | OAL |
|---|---|---|---|
| Circuit Wattage (W) | | 2.8 | |
| CCT (K) | | 6500 | |
| Lumens (lm) | 137 | 152 | 159 |
| Beam Angle (°) | 38 | 170 | 161 |
| LED Lifetime (Hrs) | | 50000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Operating Temp (°C) | | 0 to +40 | |

Supplied with 3 Lens Types (Corridor, Wide Corridor & Open Area)

PRODUCT APPROVALS

BS EN 60598-1; BS EN 60598-2-22; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547







## 2.8W Emergency LED Self-Test Non-Maintained Surface Downlights

AVAILABLE FINISHES

WHITE

SELF TEST AVAILABLE | BATTERY WARRANTY 4 YEAR | WARRANTY 4 YEAR | IP20

COLOUR TEMPERATURE

DAYLIGHT

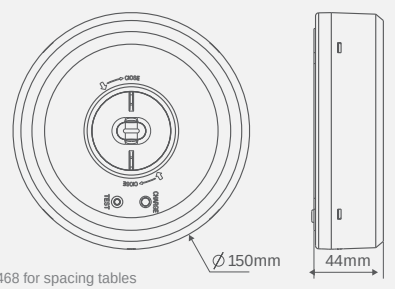
PRODUCT INFO

| | CL | WCL | OAL |
|---|---|---|---|
| Circuit Wattage (W) | | 2.8 | |
| CCT (K) | | 6500 | |
| Lumens (lm) | 137 | 152 | 159 |
| Beam Angle (°) | 38 | 170 | 161 |
| LED Lifetime (Hrs) | | 50000 | |
| Voltage (AC) | | 220-240 | |
| Frequency (Hz) | | 50/60 | |
| Operating Temp (°C) | | 0 to +40 | |

| CODE | DESCRIPTION |
|---|---|
| OVEM10210WHST | 2.8W Self-Test Round Surface Downlight (3 Lens) - White |

REPLACEMENT BATTERY

| | | |
|---|---|---|
| OVEMB3620NCS-SC2 | 3.6V 2000mAh Ni-Cd Battery - 3 x 1 Serial | See page 452 |




See page 468 for spacing tables

PRODUCT APPROVALS

Supplied with 3 Lens Types (Corridor, Wide Corridor & Open Area)

BS EN 60598-1; BS EN 60598-2-22; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547

## Battery Replacements

WARRANTY 5 YEAR

| CODE | DESCRIPTION | |
|---|---|---|
| OEB3212L | 3.2V 1200mAh LiFePO4 Replacement Battery | Inceptor Hulke5 |
| OEB3215L | 3.2V 1500mAh LiFePO4 Replacement Battery | Calvex5, Hanex5, Newem5, Ibex5 (3W), Novem5, Ornex5 |
| OEB3215LB | 3.2V 1500mAh LiFePO4 Replacement Battery with Bracket | Vanex5 |
| OEB3260L | 3.2V 6000mAh LiFePO4 Replacement Battery | Ibex5 (5W) |
| OEB6432L | 6.4V 3200mAh LiFePO4 Replacement Battery | Control Gear5 |

WARRANTY 4 YEAR

| | | |
|---|---|---|
| OVEMB3608NCP | 3.6V 800mAh Ni-Cd Battery - Parallel | OVEM11311 Range |
| OVEMB3609NCP | 3.6V 900mAh Ni-Cd Battery - Parallel | OVEM4211 Range<br>OVEM4211*ST Range<br>OVEM6211 Range<br>OVEM6211*ST Range |
| OVEMB3615NCP | 3.6V 1500mAh Ni-Cd Battery - Parallel | OVEM5311 Range<br>OVEM5311*ST Range |
| OVEMB3618NCP | 3.6V 1800mAh Ni-Cd Battery - Parallel | OVEM9411 - 4W |
| OVEMB3618NCP-BT | 3.6V 1800mAh Ni-Cd Battery - Parallel On Bracket | OVEM3610WHIP20 |
| OVEMB3609NCS | 3.6V 900mAh Ni-Cd Battery - Serial | OVEM2311 |
| OVEMB3612NCS | 3.6V 1200mAh Ni-Cd Battery - Serial | OVEM1311<br>OVEM1311ST |
| OVEMB3618NCS | 3.6V 1800mAh Ni-Cd Battery - Serial | OVEM7310<br>OVEM7310ST<br>OVEM8310<br>OVEM8310ST |
| OVEMB3620NCS-SC1 | 3.6V 2000mAh Ni-Cd Battery - 1+2 Serial | OVEM12210WHST |
| OVEMB3620NCS-SC2 | 3.6V 2000mAh Ni-Cd Battery - 3 x 1 Serial | OVEM10210WHST |
| OVEMB3630NCS | 3.6V 3000mAh Ni-Cd Battery - Serial | OVEM3610WH<br>OVEM3610WHST |
| OVEMB4835NCS | 4.8V 3500mAh Ni-Cd Battery - Serial | OVEM7510<br>OVEM7510ST<br>OVEM8510<br>OVEM8510ST |







## Accessories

WARRANTY 2 YEAR

OEI3CP-B
3W Downlight Adapter Plate - Black

Suitable for Ibex 3W Emergency Downlights

OEI3CP-W
3W Downlight Adapter Plate - White

Suitable for Ibex 3W Emergency Downlights

OEI5CP-W
5W Downlight Adapter Plate - White



Suitable for Ibex 5W Emergency Downlights

## Ernex Replacement Legends

WARRANTY 4 YEAR

### OVEMSP005D

Ernex LED Box Exit Sign Legend - Down

### OVEMSP005L

Ernex LED Box Exit Sign Legend - Left

### OVEMSP005R

Ernex LED Box Exit Sign Legend - Right

### OVEMSP005U

Ernex LED Box Exit Sign Legend - Up

PRODUCT APPROVALS

BS EN ISO 7010

CE UKCA







## Calvex Replacement Legends

WARRANTY 4 YEAR

### OVEMSP006D

Calvex LED Box Exit Sign Legend - Down

### OVEMSP006L

Calvex LED Box Exit Sign Legend - Left

### OVEMSP006R

Calvex LED Box Exit Sign Legend - Right

### OVEMSP006U

Calvex LED Box Exit Sign Legend - Up

PRODUCT APPROVALS

BS EN ISO 7010

UKCA CE

## Hanex & Vanex Replacement Legends

WARRANTY 4 YEAR

### OVEMSP007D

Hanex & Vanex LED Box Exit
Sign Legend - Down

### OVEMSP007L

Hanex & Vanex LED Box Exit
Sign Legend - Left

### OVEMSP007R

Hanex & Vanex LED Box Exit
Sign Legend - Right

### OVEMSP007U

Hanex & Vanex LED Box Exit
Sign Legend - Up

PRODUCT APPROVALS

BS EN ISO 7010







## Emergency Conversion Solution

AVAILABLE FINISHES

WARRANTY 5 YEAR | LI-ION | IP20

Pre-wired flow™ Connector

| PRODUCT INFO | |
|---|---|
| Wattage (W) | 4 |
| Voltage (AC) | 220-240 |
| Frequency (Hz) | 50/60 |
| Operating Temp (°C) | 0 to +50 |

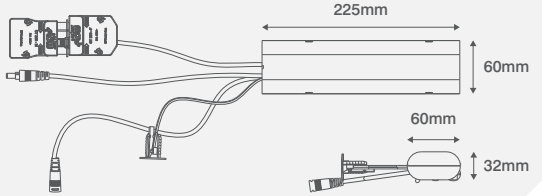
| CODE | DESCRIPTION |
|---|---|
| OEP4 | Emergency Conversion Solution For LED Panels |
| OEP4-ST | Emergency Self-Test Conversion Solution For LED Panels |

REPLACEMENT BATTERY

| | | |
|---|---|---|
| OEB6432L | 6.4V 3200mAh Lithium (LiFePO4) Battery | See page 452 |

COMPATIBLE PRODUCTS

OVIA LED panels & AluPanel (excluding 24W) fittings




PRODUCT APPROVALS

CT203C - 4 Pole Connector with Fast-Fit Cord Grip

BS EN 61347-1:; BS EN 61347-2-7; BS EN 55015; BS EN 61000-3-2; BS EN 61000-3-3; BS EN 61547

## Accessories

| CODE | DESCRIPTION |
|---|---|
| OVEMSP002 | Wall Bracket For Exit Signs |

AVAILABLE FINISHES

WHITE

WARRANTY

1 YEAR

Suitable for OVEM4211, OVEM4211ST (Suspended Signs)
& OVEM6211, OVEM6211ST (Wall/Ceiling Signs)

| CODE | DESCRIPTION |
|---|---|
| OVEMSP003 | Emergency Bulkhead Replacement Legends |

WARRANTY

1 YEAR

Suitable for Bulkheads, OVEM1311, OVEM1311ST and OVEM2311

| CODE | DESCRIPTION |
|---|---|
| OVEMSP004 | Emergency Bulkhead Flush Mounting Kit |

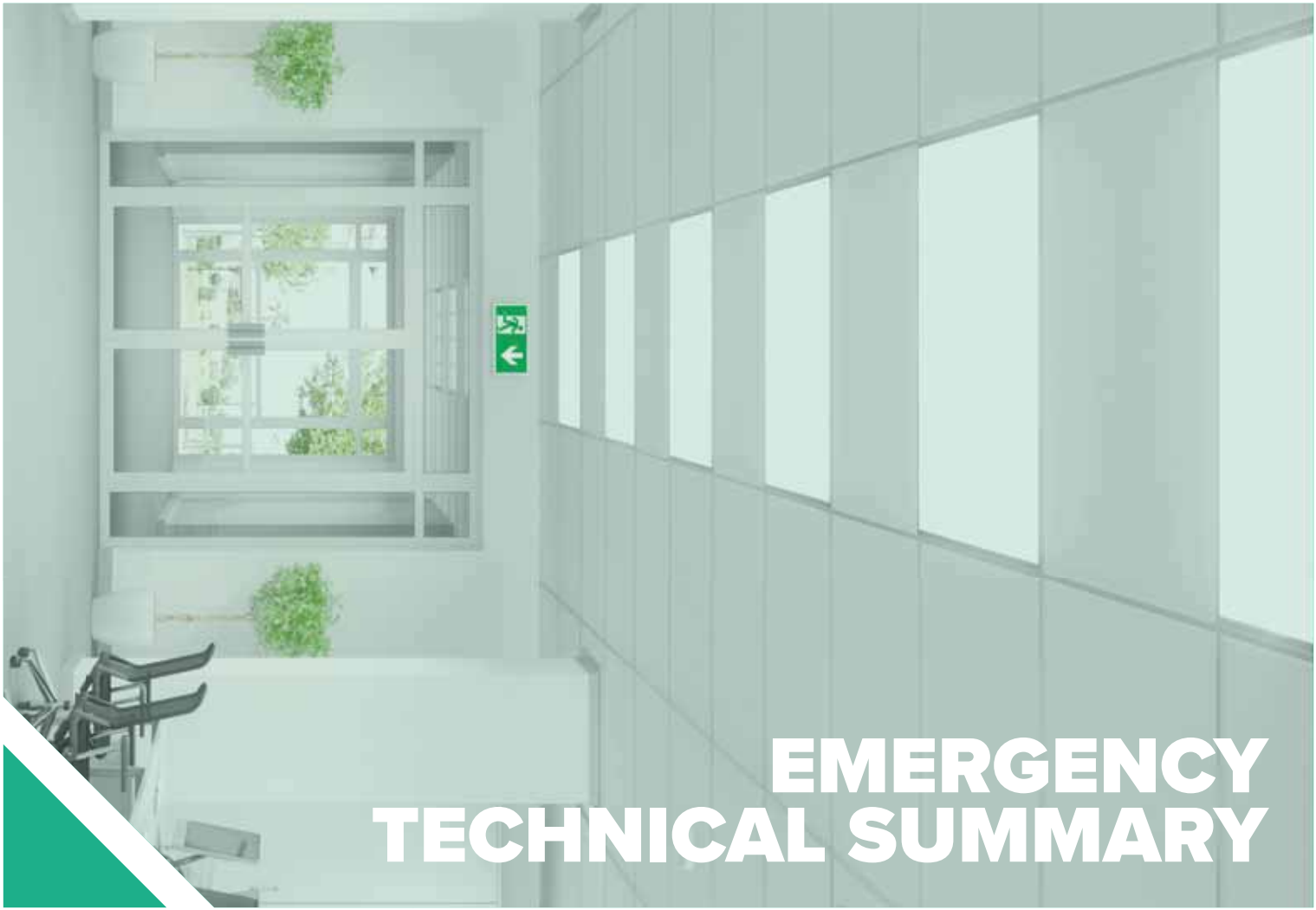
AVAILABLE FINISHES

WHITE

WARRANTY

1 YEAR

Suitable for Bulkheads, OVEM1311 & OVEM1311ST

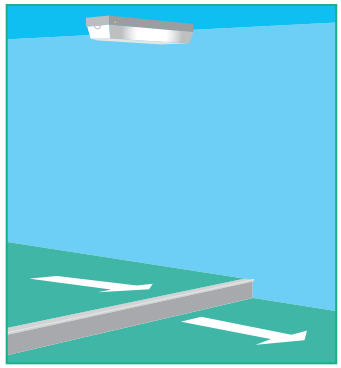


# EMERGENCY TECHNICAL SUMMARY

## Design Objective - Stage 1

**LOCATE LUMINAIRES MANDATORY POINTS OF EMPHASIS**

Initial design is conducted by situating luminaires to reveal specific hazards and highlight safety equipment and signs, in addition to providing illumination to assist safe travel along the escape route. This should be performed regardless of whether it is an emergency escape route or an open (anti-panic) area. Only when this is accomplished should the type of luminaire or its light output be considered. BS EN 1838: 2013 requires that the luminaires sited at points of emphasis must comply with BS EN 60 598-2-22. Specific locations where a luminaire must be provided are;

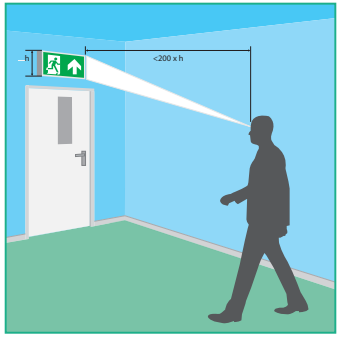


## Design Objective - Stage 2

**MAXIMUM VIEWING DISTANCES AND ILLUMINATION**

For all formats of safety signs, the maximum viewing distances and luminance conditions are given in EN 1838: 2013. Signs can be either internally illuminated, such as exit boxes or edge lit luminaires with a screened sign that have a controlled illuminance or painted signs. These include photoluminescent signs, but to be acceptable they must have an external lighting illuminating them in normal condition to 100 lux and 5 lux on any part of the face under mains failure condition. Maximum viewing distances are;

Internally illuminated signs - 200 x the panel height




Externally illuminated signs - 100 x the panel height

## Code of Practice for The Emergency Lighting of Premises

The Base Guidance Document BS 5266 gives general rules and guidance on the provision and operation of emergency lighting in most premises other than dwelling houses;

| | |
|---|---|
| **BS 5266-1** | Code of practice for emergency lighting of premises. |
| **BS 5266-2** | Code of practice for electrical low mounted way guidance systems for emergency use. |
| **BS 5266-4** | Code of practice for design, installation, maintenance and use of optical fibre systems. |
| **BS 5266-5** | Specification for component parts of optical fibre systems. |
| **BS 5266-6** | Code of practice for non-electrical low mounted way guidance systems for emergency use. |

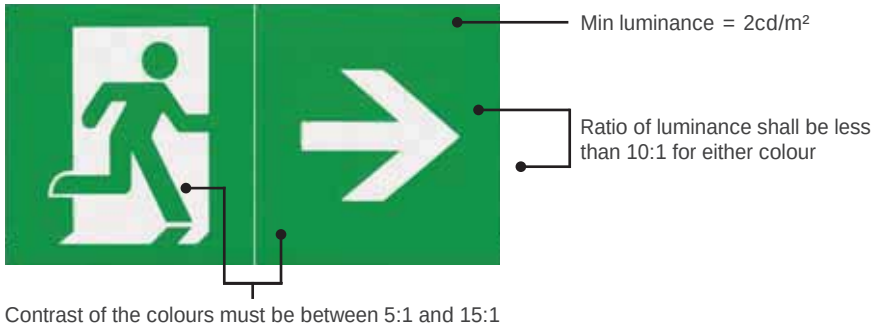
BS 5266 gives recommendations and guidance on the factors that need to be considered in the design of, and the installation and wiring of, electrical emergency escape lighting systems. This provides the lighting performance needed for safe movement of people in the event of the supply to normal lighting failing. It also gives recommendations for lighting in areas with fixed seating. For this, it can be seen that you should ensure following provisions are fulfilled;

- Indicate clearly the escape routes.
- Provide illumination along such routes to allow safe movement towards and through the exits provided.
- Ensure that fire alarm call points and fire fighting equipment provided along escape routes can be readily located.
- To permit operations concerned with safety measures.
- To ensure that any area requiring special consideration as identified by the risk assessment have the necessary level of emergency lamination.

BS 5266 recommends that discussions should be held prior to commencing the design, to establish the areas covered, the method of operation, the testing regime and the most suitable type of system. These discussions should include the owner or occupier of the premises, the system designer, the installer and the supplier of the equipment. At this stage, the provision of plans should be made available to identify;

- Escape routes
- Open areas
- High risk task areas
- Safety equipment, including fire safety equipment, safety signs and any other aspects identified by risk assessment
- Details of normal lighting and its control system

The sign must conform to the colours of ISO 3864, which defines that exit and first aid signs must be white with green as the contrast colour. The ratio of luminance of the white colour to the green colour must be between 5:1 and 15:1. The minimum luminance of any 10mm patch area on the sign must be greater than 2cd/m² and the ratio of maximum to minimum luminance shall be less than 10:1 for either colour.



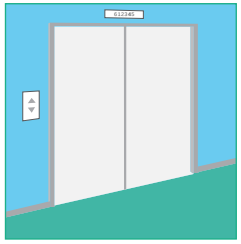
## Design Objective - Stage 3

**LOCATE LUMINAIRES IN ESSENTIAL AREAS**

These locations are not part of the escape route, however because of their risk, they require protection by emergency lighting. Some of these areas are specifically defined in BS 5266-1: 2016, others are likely to be hazard areas defined by the risk assessment.

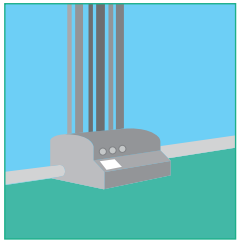
**LIFT CARS**

Although only in expectational circumstances will they be part of the escape route, they do present a problem in that the public may be trapped in them in the event of a supply failure.



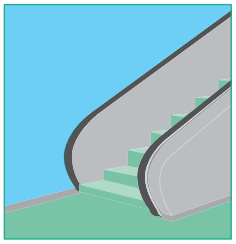
**MOTOR GENERATOR, CONTROL OR PLANT ROOMS**

Require battery supplied emergency lighting to assist any maintenance or operating personnel in the event of failure.



**ESCALATORS**

To enable users to get off them safely.



**TOILETS**

All toilets for the disabled and facilities exceeding 8m² floor area or without borrowed lights.

Other areas to consider:

- Kitchens
- First Aid & Treatment Rooms
- Refuge areas for disabled people
- Fire Equipment
- Covered Car Parks
- Panic Bars and Pads





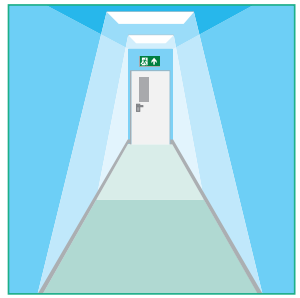


## Design Objective - Stage 4

**ESCAPE ROUTE LIGHTING & LIGHT LEVEL REQUIREMENTS**

When the points of emphasis have been covered, it is essential to provide any additional luminaires to ensure that minimum illuminance levels are met to enable the routes to be used safely. In addition, every compartment on the escape route must have at least two luminaires to provide some light in the event of luminaire failure.

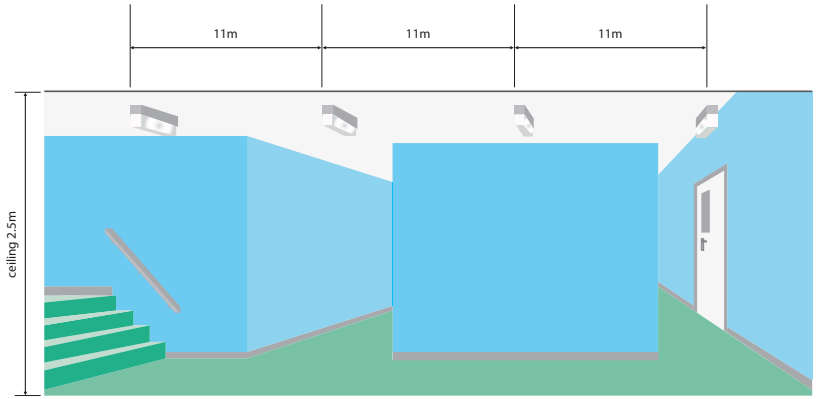
BS EN 1838: 2013, 4.2 calls for a minimum of 1 lux anywhere on the centre line of the escape route for normal risks. A uniformity ratio of 40:1 maximum to minimum must not be exceeded. This illuminance must be provided for the full duration and life of the system. 50% of the illuminance must be available within 5 seconds and the full value within 60 seconds of supply failure.



**PHOTOMETRIC DESIGN - EMERGENCY ESCAPE ROUTES**

The use of authenticated spacing tables or a suitable computer program provides the information to determine whether luminaires are needed in addition to those for the points of emphasis, to provide the minimum required level of illumination on the escape routes. To ensure that the design will meet the required levels at all times, the data is de-rated, as required by the standard to cover the following factors;

- Reduction in light as the battery voltage reduces during discharge
- Ageing of lamps in maintained circuits
- The effect of dirt



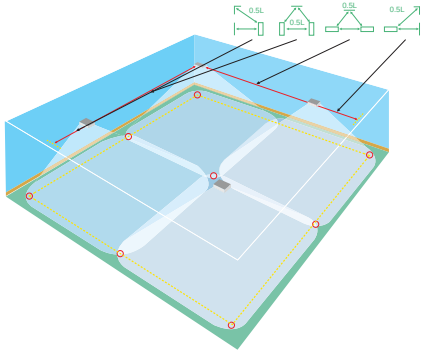

| Mounting Height | Axial/ Wall | Axial/ Axial | Transverse/ Axial | Transverse/ Transverse | Transverse/ Wall |
|---|---|---|---|---|---|
| 2.0m | 2.2 | 6.0 | 6.0 | 6.0 | 2.1 |
| 2.5m | 2.3 | 6.3 | 6.0 | 5.6 | 2.4 |
| 3.0m | 2.2 | 6.4 | 6.3 | 6.2 | 2.5 |

## Design Objective - Stage 5

**OPEN (ANTI-PANIC) CORE AREAS**

Areas larger than 60m² than, open areas with an escape route passing through them, or **hazards identified by the building risk assessment all require** emergency lighting. The current standard is easy to design for and to verify, promoting systems that provide good uniformity rather than ones that use a few large output luminaires.

BS EN 1838: 2013, 4.3 calls for **0.5 lux minimum of the empty core area, which excludes a** border of 0.5m of the perimeter area. Spacing tables or a suitable computer program provide simple and accurate data that can easily be used. The spacing tables **for 0.5 lux are de-rated on the** same basis as those for escape routes. They can also be used as a guide for initial selection of the location of luminaires when using a computer program.




0.5 metre border
**(core area excludes a border**
of 0.5m of the perimeter of the area)

**Minimum points - at which 0.5 lux is obtained**

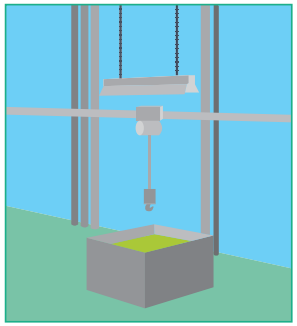
## Design Objective - Stage 6

**HIGH RISK TASK AREA LIGHTING**

**The risk assessment carried out will have identified a** number of locations needing special consideration. These may be areas in which plant and production **lines are deemed to have a high risk or control rooms** managing dangerous processes. In addition to these **identified areas, a selection of other typical areas are** detailed in BS 5266-1: 2016.

**BS EN 1838: 2013 defines that in areas of high risk,** the maintained illuminance on the reference plane shall be not less than 10% of the required maintained **illuminance for that task, however it shall not be less than 15 lux.**

In order to reach this enhanced level of emergency illumination, it is important to consider all options which may include converted luminaires, either operated from integral batteries or the use of luminaires supplied from a central emergency unit. These versions in most instances would have higher **Ballast Lumen Factors (BLF). It is also important to** consider the emergency response time which may require that the emergency luminaires are operated in maintained mode, or possibly require the use of tungsten projector units. If these are used, it is important to maintain a reasonable level of uniformity.









## Emergency Lighting ClassificationsHeader Description

| | | |
|---|---|---|
| **1) TYPE** | X - Self-Contained<br>Y - Central Battery | |
| **2) MODE OF OPERATION** | **0 - Non-Maintained**<br>**1 - Maintained**<br>**2 - Combined Non-Maintained**<br>**3 - Combined Maintained** | **4 - Compound Non-Maintained**<br>**5 - Compound Maintained**<br>6 - Satellite |
| **3) FACILITIES** | A - Including test device<br>B - Including remote test device<br>C - Including inhibiting mode<br>**D - High risk task luminaire** | E - Non-replaceable lamps or battery<br>**F - Automatic test gear**<br>G - Internally illuminated safety sign |
| **4) DURATION IN MINUTES** | 10, 60, 120 or 180 | |

Type — Facilities

**[X] [0] [***] [180]**

Mode of Operation — Duration in Minutes

OEN3
**3W LED IP65 Maintained 3HR**
**Emergency Bulkhead**
3.6V 1200mAh Ni-Cad Type U
**220-240V AC 50Hz**

OVIA NOVEM
BS EN 60598-2-22
Batch Code:

| TYPE | MODE | FACILITIES | DURATION |
|---|---|---|---|
| X | 1 | | 180 |

## Product Warranty & System Standards

All Emergency Lighting has been third party LVD & EMC tested and approved to;

| | |
|---|---|
| **BS EN 60598-2-22** | Luminaires. Particular requirements Luminaires for emergency lighting |
| **BS EN 60598-2-22** | Luminaires. General requirements and tests |
| **BS EN 61058-1** | Switches for appliances. General requirements |
| **BS EN 55015** | Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment |
| **BS EN 61000-3-2** | **Electromagnetic compatibility (EMC). Limits. Limits for harmonic current emissions** (equipment input current < 16A per phase) |
| **BS EN 61000-3-3** | **Electromagnetic compatibility (EMC). Limits. Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per** phase and not subject to conditional connection. |
| **BS EN 61547** | **Equipment for general lighting purposes. EMC immunity requirements.** |

The following two system standards specify the illumination to be provided by emergency lighting & the minimum provision and testing of emergency lighting for different premises;

| | |
|---|---|
| **BS EN 1838** | Lighting applications. Emergency lighting. |
| **BS EN 50172** | Emergency escape lighting systems. |

## 3W IP65 Hinged Bulkhead With Legend

OVEM2311

| Mounting Height | Axial/ Wall | Axial/ Axial | Transverse/ Axial | Transverse/ Transverse | Transverse/ Wall |
|---|---|---|---|---|---|
| 2.0m | 2.2 | 6.0 | 6.0 | 6.0 | 2.1 |
| 2.5m | 2.3 | 6.3 | 6.0 | 5.6 | 2.4 |
| 3.0m | 2.2 | 6.4 | 6.3 | 6.2 | 2.5 |

## 4W Flush Mounted Bulkhead

OVEM9411

| Mounting Height | Axial/ Wall | Axial/ Axial | Transverse/ Axial | Transverse/ Transverse | Transverse/ Wall |
|---|---|---|---|---|---|
| 2.0m | 2.4 | 6.3 | 6.3 | 6.3 | 2.4 |
| 2.5m | 2.5 | 6.7 | 6.7 | 6.7 | 2.5 |
| 3.0m | 2.5 | 6.9 | 6.9 | 6.9 | 2.4 |







## 3W Emergency LED Maintained Bulkhead - IP65

OEN3
OEN3-ST

| Mounting Height | Axial/ Wall | Axial/ Axial | Transverse/ Axial | Transverse/ Transverse | Transverse/ Wall |
|---|---|---|---|---|---|
| 2.0m | 3 | 7 | 6 | 5.5 | 2 |
| 2.5m | 3 | 8 | 7 | 6 | 2.5 |
| 3.0m | 3.2 | 8.8 | 7.8 | 6.8 | 2.6 |

## 4W Maintained Flush Bulkhead

OEO4

| Mounting Height | Axial/ Wall | Axial/ Axial | Transverse/ Axial | Transverse/ Transverse | Transverse/ Wall |
|---|---|---|---|---|---|
| 2.0m | 2.8 | 6.8 | 6.8 | 6.8 | 2.8 |
| 2.5m | 3 | 7.9 | 7.9 | 7.9 | 3 |
| 3.0m | 3.3 | 8.1 | 8.1 | 8.1 | 3.3 |

## 2.8W Self-Test Round Surface Downlight (3 Lens) - White

CL version

OVEM12210WHST
OVEM10210WHST

| Mounting Height | Axial/ Wall | Axial/ Axial | Transverse/ Axial | Transverse/ Transverse | Transverse/ Wall |
|---|---|---|---|---|---|
| 2.0m | 5.5 | 11 | 11 | 11 | 5.5 |
| 2.5m | 6.0 | 13 | 13 | 13 | 6.0 |
| 3.0m | 7.0 | 15 | 15 | 15 | 7.0 |

## 2.8W Self-Test Round Surface Downlight (3 Lens) - White

CWL version

OVEM12210WHST
OVEM10210WHST

| Mounting Height | Axial/ Wall | Axial/ Axial | Transverse/ Axial | Transverse/ Transverse | Transverse/ Wall |
|---|---|---|---|---|---|
| 2.0m | 2.5 | 5.0 | 5.0 | 5.0 | 2.5 |
| 2.5m | 2.5 | 5.5 | 5.5 | 5.5 | 2.5 |
| 3.0m | 3.0 | 6.0 | 6.0 | 6.0 | 2.5 |

## 2.8W Self-Test Round Surface Downlight (3 Lens) - White

OAL version

OVEM12210WHST
OVEM10210WHST

| Mounting Height | Axial/ Wall | Axial/ Axial | Transverse/ Axial | Transverse/ Transverse | Transverse/ Wall |
|---|---|---|---|---|---|
| 2.0m | 3.0 | 8.0 | 8.0 | 8.0 | 3.0 |
| 2.5m | 3.1 | 8.5 | 8.5 | 8.5 | 3.1 |
| 3.0m | 3.0 | 8.7 | 8.7 | 8.7 | 3.0 |







## 5W Corridor Downlight - White

OVEM8510 | OVEM8510ST

| Mounting Height | Axial/ Wall | Axial/ Axial | Transverse/ Axial | Transverse/ Transverse | Transverse/ Wall |
|---|---|---|---|---|---|
| 2.0m | 3.6 | 8.4 | 7.4 | 6.3 | 2.4 |
| 2.5m | 4.2 | 9.5 | 8.0 | 6.5 | 2.6 |
| 3.0m | 4.7 | 10.7 | 8.8 | 6.9 | 2.7 |

## 3W Emergency LED Non-Maintained Open Area Downlights

OEI3O
OEI3O-ST
OEI3O-DA

| Mounting Height | Axial/ Wall | Axial/ Axial | Transverse/ Axial | Transverse/ Transverse | Transverse/ Wall |
|---|---|---|---|---|---|
| 2.0m | 2.5 | 5 | 5 | 5 | 2.5 |
| 2.5m | 2.7 | 5.4 | 5.4 | 5.4 | 2.7 |
| 3.0m | 2.8 | 5.5 | 5.5 | 5.5 | 2.8 |

## 3W Emergency LED Non-Maintained Corridor Downlights

OEI3C
OEI3C-ST
OEI3C-DA

| Mounting Height | Axial/ Wall | Axial/ Axial | Transverse/ Axial | Transverse/ Transverse | Transverse/ Wall |
|---|---|---|---|---|---|
| 2.0m | 1.5 | 7.6 | 8.5 | 9 | 4 |
| 2.5m | 1.6 | 4.3 | 7.5 | 10.5 | 5 |
| 3.0m | 1.8 | 4.2 | 8.2 | 12.2 | 5.3 |

## 5W Emergency LED Non-Maintained Open Area Downlights

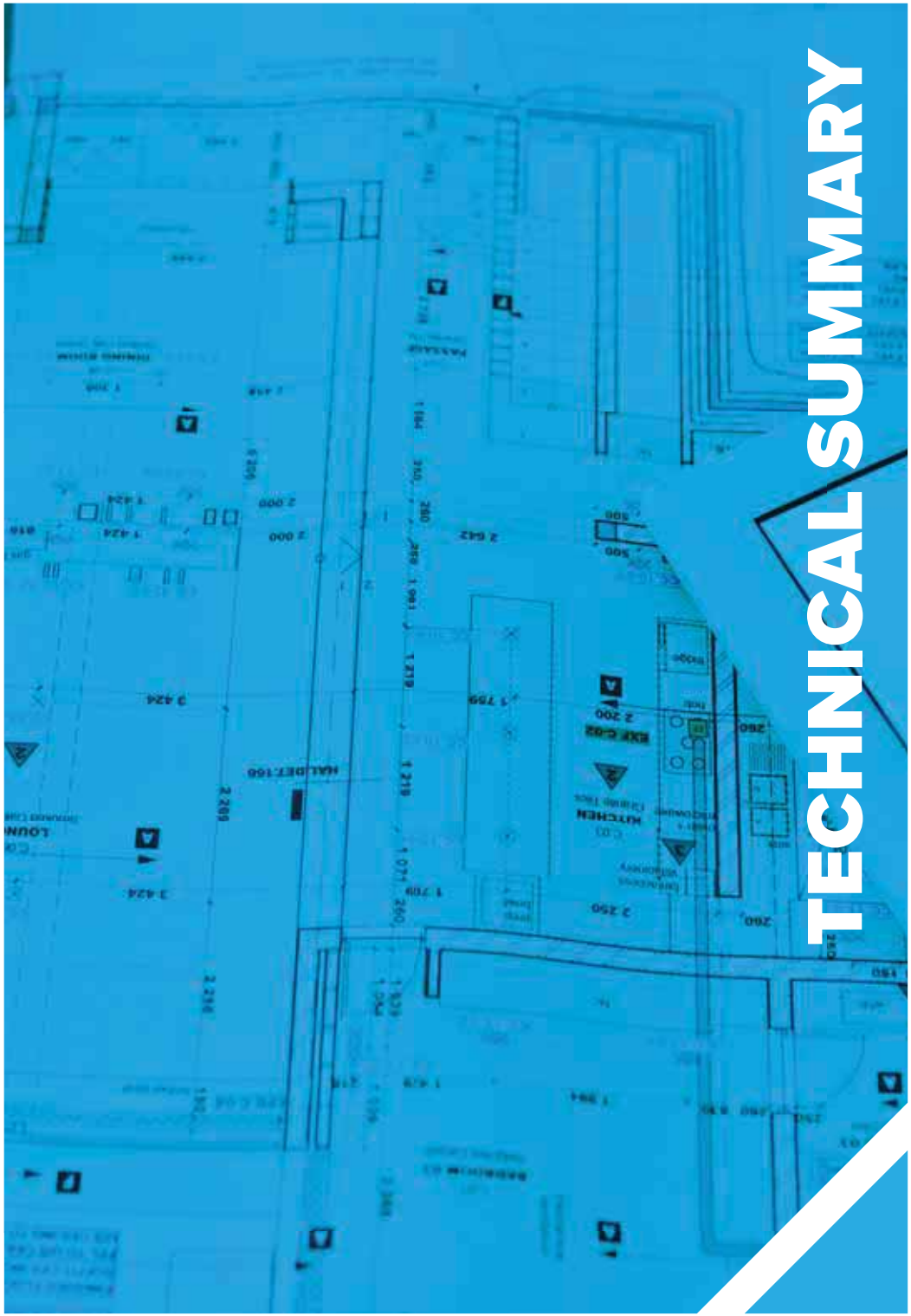
OEI5O
OEI5O-ST

| Mounting Height | Axial/ Wall | Axial/ Axial | Transverse/ Axial | Transverse/ Transverse | Transverse/ Wall |
|---|---|---|---|---|---|
| 2.0m | 2.5 | 5.5 | 5.5 | 5.5 | 2.5 |
| 2.5m | 2.5 | 6 | 6 | 6 | 2.5 |
| 3.0m | 3 | 6.5 | 6.5 | 6.5 | 3 |

## 5W Emergency LED Non-Maintained Open Area Downlights

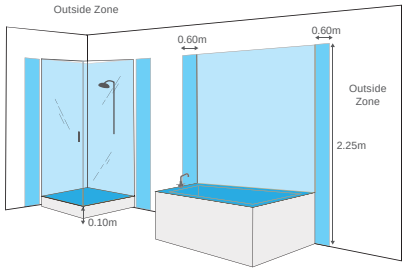
OEI5C
OEI5C-ST

| Mounting Height | Axial/ Wall | Axial/ Axial | Transverse/ Axial | Transverse/ Transverse | Transverse/ Wall |
|---|---|---|---|---|---|
| 2.0m | 3.5 | 8.5 | 7.5 | 6.5 | 2.5 |
| 2.5m | 4 | 9.5 | 8 | 6.5 | 2.5 |
| 3.0m | 5 | 10.8 | 9 | 7 | 2.8 |



| | |
|---|---|
| **(AC) ALTERNATING CURRENT** | AC current is the format that Mains electricity is supplied in.<br>Alternating Current is the movement or flow of electric charge that periodically changes direction. |
| **ACCENT LIGHTING** | Accent lighting is used to highlight particular areas or artefacts. |
| **AISI316L STAINLESS STEEL** | 316L is a low carbon content grade of Stainless Steel, that has excellent corrosion resistance properties, also known as Marine Grade due to its corrosion resistance. All Stainless Steel requires a degree of maintenance to ensure its appearance does not tarnish over time. |
| **AMBIENT LIGHTING** | The level of background light, which is usually low and supplemented by Task or Accent lighting. |
| **AMBIENT TEMPERATURE** | The temperature of the air that surrounds the fixture in the room, ambient temperature is very important when selecting a fixture especially in extreme temperature environments. |
| **ANTI-LIGATURE** | An anti-ligature luminaire or appliance is one that is specifically designed to be free from points to which a cord or cord like object could be attached, tied to or looped around. |
| **ASYMMETRIC DISTRIBUTION** | A non-symmetric distribution of light, for example the luminous intensity (light output) may be more pronounced in one direction, this is commonly found on floodlights to allow them to be aimed downwards, keeping unwanted upward light spillage to a minimum. |
| **AZIMUTH** | Orientation angle in the horizontal plane, most commonly referred to in floodlighting schemes. |
| **BATHROOM ZONES**<br><br>***NOTE – THE AREA UNDER THE BATH IS CLASSED AS AN OUTSIDE ZONE PROVIDING THERE IS A BATH PANEL IN SITU WHICH CAN ONLY BE REMOVED WITH AID OF A TOOL.** | There are a number of special requirements for fitting lights in bathrooms and to clarify these requirements, certain Zones have been created. Within each of these Zones only fittings with certain minimum IP ratings can be installed. The basic recommendations are set out below. Bathroom luminaire installations must comply with legislation; please refer to the latest building regulations.<br><br>ZONE 0: MINIMUM REQUIREMENT IPX7<br>Zone 0 is the interior of the bath tub or shower basin. Only Low voltage (SELV) fittings are permitted with the transformer located outside all zones.*<br>*unless transformer is IPX7 too.<br><br>ZONE 1: MINIMUM REQUIREMENT IPX4<br>Zone 1 is the area around the bath or shower basin up to a height of 2.25m above floor levels and at a radius of 1.2m from the water outlet. If there is a likelihood of water jets being used for cleaning purposes, then this becomes a minimum requirement of IPX5.<br><br>ZONE 2: MINIMUM REQUIREMENT IPX4<br>Zone 2 is limited by the vertical planes external to zone 1 and parallel vertical planes(s) 0.60m external to zone 1. If there is a likelihood of water jets being used for cleaning purposes, then this becomes a minimum requirement of IPX5. For showers without a basin, there is no zone 2 but an increased zone 1.<br><br>IMPORTANT<br>Protection for all electrical fixtures within the bathroom and shower should be provided by the use of an RCD with a rated residual current not exceeding 30mA and an operating time not exceeding 40ms. |

Zone 0 - Minimum IPX7 can be used
Zone 1 - Minimum IPX4 can be used
Zone 2 - Minimum IPX4 can be used
Outside Zone - Minimum IPX2 can be used




| | |
|---|---|
| **BALLAST** | The ballast is a device used to operate lamps, while limiting and regulating the lamp current during operation it provides the necessary voltage to the lamp. |
| **BEAM ANGLE** | Measurement of how light is distributed. |
| **BINNING (LED)** | Binning is the process of methodically sorting and grouping LED's according to measured parameters (normally colour and lumens). Allowing design engineers to systematically specify an LED and the manufacturer to order LED's that function consistently. Binning also makes it possible to re-order LED's that match the original. |
| **BRIGHTNESS** | What the eye actually sees, not to be confused with luminance, which is what a light meter reads. |





| | |
|---|---|
| **BSI** | British Standards Institute, the UK National Standards Body - www.bsigroup.com<br>Key Standards applicable include<br>**BS 476 part 21 Fire test for building Materials**<br>BS 5225 Photometric Data for Luminaires<br>BS 5266 Code of practice for Emergency Lighting<br>BS7671 Requirements for Electrical Installations (Wiring Regulations)<br>**BS EN 60570 Track systems for Luminaires**<br>BS EN 60598-1 Luminaires - General requirements and tests<br>**BS EN 60598-2-2 Luminaires – Specific requirements, Recessed Luminaires**<br>**BS EN 60598-2-5 Luminaires – Specific requirements, Floodlights**<br>**BS EN 60598-2-6 Luminaires – Specific requirements, In-built Transformers**<br>**BS EN 60598-2-22 Luminaires - Specific requirements, Emergency Lighting**<br>BS EN 61047 Electronic Transformers |
| **BUILDING REGULATIONS** | Legal requirements for the installer to abide by when installing equipment into a building.<br>There are standards for Domestic and Non-Domestic premises and there are variations in the different countries of the UK. With specific regards to Lighting; Part L covers the requirements for lighting a building with specific sections covering commercial and domestic applications. Another set of useful documents to aid in compliance to these regulations are the Domestic and Commercial Building Compliance guides. |
| **CANDELA (CD)** | The candela is the SI base unit for luminous intensity, used to measure the brightness of light sources. |
| **CAPACITOR** | Often used for power factor correction and lamp regulation, a capacitor is a component that stores electrical energy. |
| **CCT** | Correlated Colour Temperature defines the colour appearance of a white LED. CCT is defined in Kelvin. |
| **CE** | European Community conformity mark. CE denotes that the item conforms with the requirements of relevant EU Directives. |
| **CIBSE** | The Chartered Institute of Building Service Engineers. www.cibse.org. The Society of Light and Lighting (a division of CIBSE), publishes many Lighting Guides widely used as references for the choice of luminaire and recommended Illuminance level most suitable for a specific area. |
| **CLASS I** | Luminaires in this class are electrically insulated and are provided with a connection with earth. |
| **CLASS II** | Luminaires in this class are designed and constructed so that protection against electric shock does not rely on basic insulation only. This can be achieved by means of reinforced or double insulation. No provision for Earthing is provided. |
| **CLASS III** | Protection against electric shock relies on the supply of Safety Extra Low Voltage (SELV) and in which voltages higher than those of SELV are not generated (Max.50V AC or below). |
| **COLOUR RENDERING INDEX (CRI / CIE RA)** | The ability of a light source to accurately reveal the colours of an object(s) is measured using a system called the colour rendering index (CRI). It is given as an integer up to 100; the higher the number the better. 100 being considered as presenting colours in a manner consistent with a natural light source such as daylight. Halogen lamps typically have a CRI of 100 as they closely mimic daylight. |
| **CCT - CORRELATED COLOUR TEMPERATURE** | Typically shortened to "Colour Temperature" measures the apparent colour of a white light source in Kelvin (K). Typically in lighting, values range between 2700K - 6500K. Although it might seem counter-intuitive; lower figures denote "warmer" colour temperatures and higher figures denote "cooler" colour temperatures. Ovia® defines Warm White as 2700K-3000K, Cool White as 4000K & Daylight as 6500K. Certain products in the Ovia® range feature a switch for altering the colour temperature (CCT) of the product. This feature allows the installer to select the colour temperature of the product to suit different installation requirements. Where this feature exists on a product you will see this term. |
| **CORRIDOR FUNCTION** | Corridor Function is a setting for operation with a MS/PIR which allows the light output to be reduced to approx 10/15% when an area is left unoccupied and increases to full output when the MS/PIR is activated |
| **CONTINUED PROFESSIONAL DEVELOPMENT 'CPD'** | Ovia® has several training courses that are CPD Certified to complement the Continuing Professional Development policies of professional institutes and academic bodies. |
| **DATA SHEETS** | Available for Ovia® products to enable Operation and Maintenance manuals to be completed. |
| **(DC) DIRECT CURRENT** | As opposed to AC; DC current flows in a single direction. Current and voltage may increase & decrease but the direction of movement of electrons stays the same. LED's inherently must run on a DC supply hence a transformer of some kind is always required. |
| **DIMMERS & DIMMING** | The process of decreasing and increasing the level of light output by a luminaire or light source. Most luminaires that are required to be dimmed will need a special control gear for this operation and typically additional circuit wiring. Each dimming method, whether mains, switch-dim or 1-10V dimming require different, specific control gear. |
| **DIMMING LEADING EDGE (TRIAC DIMMER)** | In Mains dimming, leading-edge dimmers cut the first half of the wave to restrict the flow of current. These dimmers typically have a high minimum load and were originally used to dim incandescent and halogen lamps. As such, issues with dimming LED using these types of dimmers can be common. |
| **DIMMING MAINS** | The process of manipulating mains voltage to variably restrict the flow of electricity in order to decrease or increase light levels, respectively. |

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| **DIMMING SWITCH DIM** | Operation for ON / OFF and dimming by means of a push-to make (retractive) switch, and is the simplest form of dimming. A brief operation of the switch (<0.6sec), will switch ON or OFF. When the push to make switch is held, the ballast is dimmed. On a further push, the ballast is dimmed in the opposite direction. |
| **DIMMING TRAILING EDGE** | Conversely to leading-edge dimmers, trailing-edge dimmers restrict current by cutting the second half of the wave. They generally have a much lower minimum load and are typically better-suited to LED loads. |
| **DIMMING 1-10V** | 1-10V dimming (similarly 0-10V dimming) is achieved with a control gear which features a separate and specific dimming control connection to which a 1-10V dimmer can be connected. This method generally requires the use of a separate switch in order to fully turn off the luminaire. |
| **DALI DRIVER - WIRING INSTRUCTIONS** | • The driver output is pre-wired with a female DC connector which enables direct connection to the Ovia® LED panels.<br>• The DALI control line voltage range is 9.5V to 22.5V with the cable distance being dependent on the cable size used, see Table A below.<br>• Up to 64 drivers can be connected to one DALI control line.<br>• The two DALI control lines are polarity reversible. |

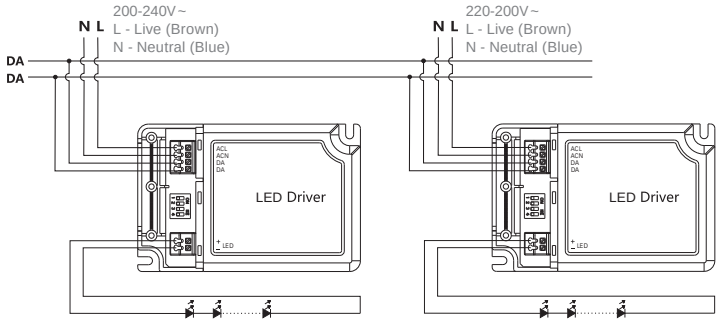


TABLE A

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|---|
| 2 x 0.50mm² 100M Max. |
| 2 x 0.75mm² 150M Max. |
| 2 x 1.00mm² 200M Max. |
| 2 x 1.50mm² 300M Max. |

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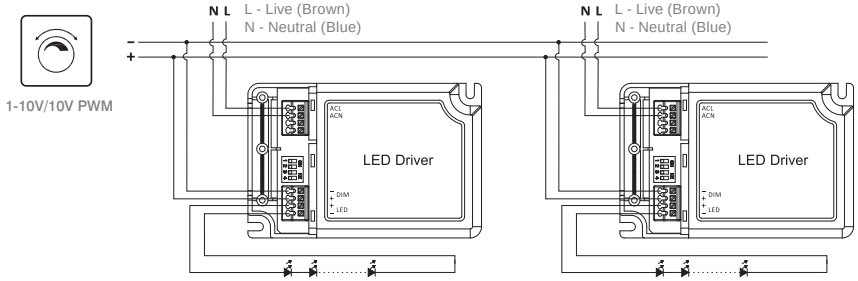
| **DALI DRIVER - WIRING INSTRUCTIONS (1-10V/10V PWM)** | • The number of drives and the length of wire connections are determined by the following factors; **a.)** Current output capacity of the dimmer. **b)** The interface of the driver consumes current, this product is less than 1mA. **c.) The size of the connection wire, and is recommended to use less than 0.75mm2. d.)** Install environment interference, avoid wiring with high voltage or interference source.<br>• It is recommended to use a dimmer with active, isolated and strong output current capacity. This product cannot use a non-isolation dimmer.<br>• Synchronisation up to 16 drivers.<br>• Maximum cable length between each unit: 20 meters. |

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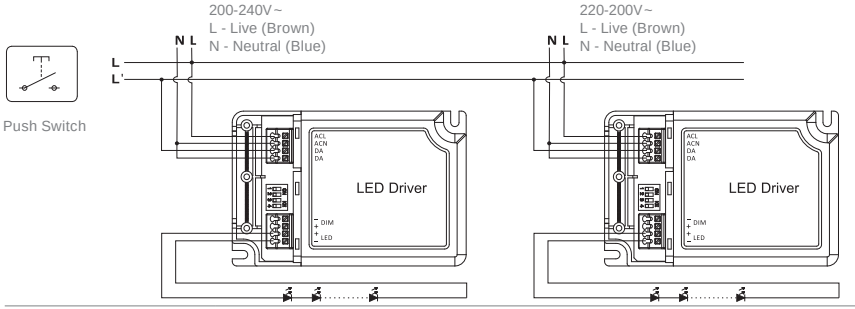
| **DALI DRIVER - WIRING INSTRUCTIONS (SWITCH/PUSH DIMMING)** | • Turning On or Off: press the PUSH switch for 0.2-1s (Short Press)<br>• Dimming: press and hold the PUSH switch for 1-5s (Long Press)<br>• Power On Status: after power On, the light will light up the memory brightness it was last previously set (not Off status)<br>**Multiple Lights Synchronise Control Operation**<br>• Step 1: long press the PUSH switch, confirm each light is on.<br>• Step 2: short press the PUSH switch, confirm each light is off.<br>• Step 3: long press the PUSH switch, confirm each light is from darkest to brightest and all the lights are synchronous. |

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| **DIRECT LIGHTING** | Lighting in which the greater part of the luminous flux from the luminaires reaches the surface (usually the working plane) directly, i.e. without reflection from surrounding surfaces. |
| **DIRECTIONAL LIGHTING** | Lighting a display object predominately from one direction. |
| **DLOR** | Downward Light Output Ratio is the ratio of the total light output of a luminaire below the horizontal. |
| **DOUBLE INSULATION** | Also referred to as Class II, double Insulation comprises both basic insulation and supplementary insulation. |
| **EDGE LIT** | This means that the LED chips are positioned vertically around the perimeter of the product. Providing an excellent uniform illuminated panel in a fixture as slim as 8mm. |
| **EFFICIENCY** | Ratio of power supplied to wattage dissipated. |
| **EFFICACY** | A metric term used to compare light output to energy consumption. Luminous Efficacy is measured in lumens per watt. |
| **EMC** | Electromagnetic Compatibility. Electrical items produce unintentional interference so EMC ensures these levels are within the required guidelines and should not cause unwanted interference with other equipment. |
| **EMERGENCY LIGHTING** | Lighting provided for use in emergency situations when the main lighting installation fails, enabling safe exit from a building. |
| **EMERGENCY LIGHTING TEST** | Testing an Emergency Lighting Installation should undergo regular periodic testing to ensure the luminaires are correctly functioning and to maintain the condition of the batteries. The testing should be recorded in a log book and follow this schedule...<br>• Daily – visual check that the charge indicator LED is illuminated<br>• Monthly – a functional test that the luminaire operates when mains supply is disconnected<br>• Annually – as monthly test but for the full rated duration of the luminaire (3hrs). |
| **ENERGY LABEL** | Lighting products, as well as other electrical appliances, come with energy labels and information printed on the product. The rating system ranges from A++ (the most efficient) to E (the least efficient). |
| **ESCAPE ROUTE LIGHTING** | Emergency lighting is illuminated in the instance of a mains lighting failure, provided on a defined route to ensure means of escape from a designated point in a building to the exit. |
| **FIRE-RATED** | In Lighting, a Fire-Rated luminaire is one which has been specifically designed to uphold the fire-rating of the surface it is installed into. Generally of recessed type such as a downlight, these luminaires are designed to restrict the passage of flames and hot air through a perforation in the ceiling. Fire-Ratings of downlights are acquired & stated in increments of 30 minutes. A fire-rated luminaire should be chosen to be in-line with that of the installation surface itself. |
| **FLICKER** | Light modulation at lower frequencies (about 50 Hz or less) which is visible to most people, is called flicker. The eye is particularly sensitive to flicker and it is especially detectable at the edges of the visual system's field of view. Flicker can, depending on individual sensitivity, be a source of both discomfort and fatigue. It may even cause epileptic seizures in some people. Therefore it needs to be avoided. |

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| **FLOW™** | Flow™ Connectors make wiring a lighting circuit easy. Quick and easy to install as well as to remove and replace for the purpose of circuit testing. |
| **FLUX** | In Lighting: Flux or Luminous Flux, measured in lumens, is the amount of light produced by a light source or received by a surface. |
| **FREQUENCY (HZ)** | In lighting and electrics; the rate of alternation in an AC current, expressed in cycles per second or hertz (Hz). |
| **GENERAL LIGHTING** | Lighting that is designed to illuminate the whole of an area uniformly without provision for special local requirements. |
| **GLARE** | Refers to the unwanted dazzling effect of bright light. The severity of glare can be anywhere from causing discomfort to the inability to perform tasks. Some luminaires include opal diffusers or reflectors to provide an anti-glare function. |
| **HAZARDOUS AREA** | An environment where a risk of fire or explosion exists. Commonly referred to as Zone 1, Zone 2 etc. (Not to be confused with the Zones of space in bathroom areas). |
| **HERTZ (HZ)** | Cycles (frequency) per second. |
| **HIGH RISK TASK AREA** | A requirement within Emergency Escape Lighting, ensuring the safety of people involved in a potentially dangerous process or situation and to enable proper shut down procedures for the safety of the operator and all occupants of the premises. |
| **HIGH POWER LED** | An LED that is driven at a current of 350mA or higher. |
| **ILLUMINANCE** | This can be calculated or measured with a light meter, illuminance is a photometric term that quantifies the light on a surface or plane, it is expressed in lumens per $m^2$ (lux). |
| **ILLUMINATION** | The density of luminous flux on a surface, this parameter shows how bright the surface point appears to the human eye. |
| **INDIRECT LIGHTING** | Some luminaires by their design offer indirect lighting, it is a system where light is reflected from a primary surface, before reaching the working/task plane. |
| **IP RATINGS CLASSIFICATION OF INGRESS PROTECTION** | IP followed by two numerals indicates the degree of protection. The first numeral indicates the degree of protection against the ingress of solid of objects, while the second numeral refers to the degree of protection against the ingress of water. |

| Protection Against Solid Objects | Protection Against ingress of Water |
|---|---|
| IP20 Greater than 12mm | Non-protected |
| IP21 Greater than 12mm | Dripping water |
| IP22 Greater than 12mm | Dripping water (up to 15° angle) |
| IP23 Greater than 12mm | Spraying water (up to 60° angle) |
| IP40 Greater than 1mm | Non-protected |
| IP43 Greater than 1mm | Spraying water (up to 60° angle) |
| IP44 Greater than 1mm | Splashing water |
| IP54 Dust-protected | Splashing water |
| IP55 Dust-protected | Water jets |
| IP64 Dust-tight | Splashing water |
| IP65 Dust-tight | Water jets |
| IP66 Dust-tight | Powerful water jets |
| IP67 Dust-tight | Water immersion |
| IP68 Dust-tight | Submersion to declared depth |
| IP69 Dust-tight | Powerful high temperature water jets |

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| **INITIAL LUMENS** | Lumen output of a light source once it has stabilised but before it begins to depreciate. For LED's this begins at around 100 hours of operation from manufacture. |
| **INPUT VOLTAGE** | Voltage provided to a ballast/luminaire by the power supply. |
| **INRUSH CURRENT** | A typically very high but short-lived current produced when initially activating an electric circuit. |
| **ISOLUX DIAGRAM** | A diagram showing contours of equal illuminance. Can be used to determine the direct illuminance on a plane. |
| **KELVIN** | The SI unit for the measurement of temperature. In Lighting it is used to describe the colour temperature (CCT) of a light source. |
| **KWH** | The kilowatt-hour (symbolised kWh) is a unit of energy equivalent to one kilowatt of power expended for one hour of time. This figure is required to complete energy comparison calculations. |
| **LAMP** | A device which converts electrical energy into light. |
| **LED** | Light-emitting Diode. An LED is a solid-state semiconductor device that converts electrical energy directly into light. |





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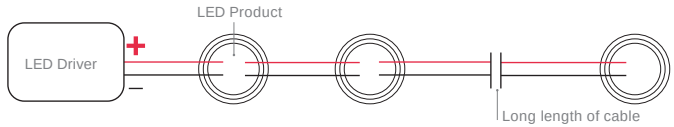
| **LED DRIVER / CONVERTER** | A device that accepts an input voltage and current and translates/transforms it to a different predetermined and controlled voltage and current. The resulting output then used to power or "drive" an LED circuit. |
| **LED PARALLEL WIRING** | Parallel wiring means that each component has the same supply voltage and all fittings on the circuit will have the same voltage across the luminaire terminals. The battery current (Amps) is divided by the number of luminaires on the circuit. If one luminaire fails then the remaining fittings on that circuit will stay lit. |

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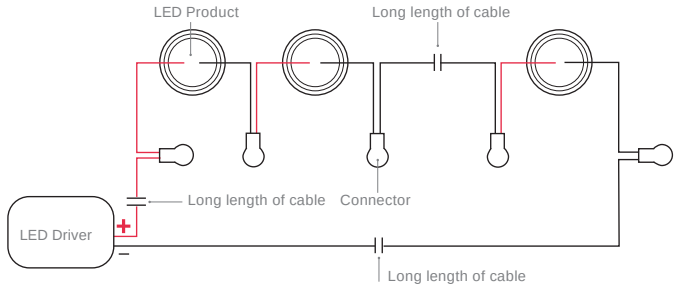
| **LED SERIES WIRING** | Series wiring means that each component has the same current and the battery voltage is divided by the number of luminaires on the circuit. If one luminaire fails then the remaining fittings on that circuit will not stay lit. Please note that incorrect wiring of an LED can result in irreparable damage to the LED and associated power supplies. |

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| **LED WHITE** | Previously, the only way to produce white LED light was by the additive colour mixing of the three basic colours using so-called multi LED, i.e., three semiconductor chips (red, green and blue LED) had to be combined. Today, manufacturers can produce white LED light with only a single chip. In luminescence conversion, only a blue LED is used, whose light stimulates a luminescent substance that emits yellow light, the system produces the colour white. Depending on the composition of the luminescent substance, various white tones can be achieved such as warm white, cool white etc. |
| **LIA** | Ovia® Lighting is an accredited member of this leading UK trade organisation. All Ovia® manufacturing facilities are audited on an annual basis to ensure compliance and quality. www.thelia.org.uk |
| **LIGHTING DESIGN** | Ovia® offer a lighting design service provided by a team of vastly experienced and industry qualified staff. A simple to complete form is available to ensure designs are prepared with all of the correct criteria taken into consideration. Contact us for more information. |
| **LIGHT METER** | Lux meter or exposure meter. A device use for the measurement of light intensity. This should have a cosine corrected sensor, usually a convex shape, to measure light falling on to it from all directions and a digital readout for accuracy. |
| **LIGHT SPILLAGE/TRESPASS** | Unwanted or nuisance light which is spilled beyond the boundary of the illuminated property or area. |
| **LM/W** | Lm/W (Lumens per Watt) is the measurement of the effectiveness of a lighting system to convert power to light. Also known as the "Efficacy" of the system. There are two key elements to Efficacy; Lumens per watt (generally pertaining to the efficacy of a lamp or light source) and Luminaire Lumens per watt (the efficacy of the whole luminaire). The difference between the two terms occurs where a lamp or light source may differ once it is housed in a luminaire. For example if a 100W lamp outputs 2000Lm it has an efficacy of 20Lm/W. However if that lamp was housed in a luminaire which restricted the output of that lamp to 1000Lm (effectively giving it an LOR of 0.5) the Luminaire lumens per watt becomes 10Lm/W. In calculations, particularly in reference to Part-L calculations, the term may be written as Lumens per circuit watt or Luminaire lumens per circuit watt. |
| **LOR** | Light Output Ratio. The ratio of the total light output of a luminaire under stated conditions to that of the lamp or lamps under reference conditions. The higher the figure, the more efficient the luminaire is. LOR may consist of any ratio of DLOR and/or ULOR. |
| **LUMEN** | Standard unit of luminous flux. Describes the quantity of light emitted by a light source or received by a surface. |
| **LUMEN DEPRECIATION** | Figures published refer to the L50, L70 or L80 classification system where the number relates to the percentage of light output. So a 30,000hr L70 LED would be expected to have 70% of its rated output at 30,000hrs. |

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| **LUMINANCE** | The physical measure of brightness measured by the luminous intensity of the light emitted or reflected in a given direction from a surface element dived by the area of the element in the same direction. The SI unit of luminance is the candela per square metre (Cd/m2) It is very difficult to determine other than with a luminance meter. |
| **LUMINOUS EFFICIENCY** | The ratio of the luminous flux emitted by a lamp to the power consumed by the lamp. When the power consumed by the control gear is taken into account this term is sometimes known as lamp circuit luminous efficacy and is expressed in lumens/circuit watts. |
| **LUX** | The metric unit of measure for illuminance of a surface. One lux is equal to one lumen per metre-squared. |
| **LVD** | Low Voltage Directive ensures that electrical equipment within certain voltage limits provides a high level of protection for European citizens, and benefits fully from the Single Market. |
| **MAINTAINED LUMINAIRE** | A luminaire containing one or more lamps all of which operate from the normal supply or from the emergency supply when required. |
| **MFD** | 3 in 1 Multi-function Dimmable constant current LED driver that can be incorporated into a 1-10V, Switch Dim or DALI control system. It also has universal load settings so that a single driver will be compatible with a range of fittings. |
| **MICROWAVE SENSOR (MS)** | Microwave Sensor (MS) Sophisticated presence detector that uses low power Microwave signals which are then reflected by moving persons and measured using the "Doppler effect" method. Special consideration should be given to using microwave sensor outdoors. |
| **3EM** | Maintained 3 hour, Mode and duration (minimum with fully charged batteries) of an Emergency luminaire. To ensure the full duration is achieved, Emergency luminaires must be correctly maintained to condition the batteries. |
| **NIGHT LIGHT (NL)** | A light source used only to provide low levels of illumination at night, for security or safe movement of persons. This may either be a standalone luminaire or an option incorporated within a luminaire used for general lighting. Low wattage compact fluorescent lamps are ideal for this application. |
| **NICD** | The nickel–cadmium battery (NiCd battery or NiCad battery) is a type of rechargeable battery using nickel oxide hydroxide and metallic cadmium as electrodes. The abbreviation Ni-Cd is derived from the chemical symbols of nickel (Ni) and cadmium (Cd). |
| **NIMH LITHIUM** | A nickel–metal hydride battery, abbreviated NiMH or Ni–MH, is a type of rechargeable battery. Its chemical reactions are somewhat similar to the largely obsolete nickel–cadmium cell (NiCd). NiMH use positive electrodes of nickel oxyhydroxide (NiOOH), like the NiCd, but the negative electrodes use a hydrogen-absorbing alloy instead of cadmium, being in essence a practical application of nickel–hydrogen battery chemistry. A NiMH battery can have two to three times the capacity of an equivalent size NiCd, and their energy density approaches that of a lithium-ion cell. |
| **NON-MAINTAINED LUMINAIRE** | Luminaire is off when the mains power is available to charge the batteries. Upon supply failure the luminaire is energised from the battery pack. |
| **OPEN (ANTI-PANIC) AREA LIGHTING** | A part of Emergency Escape Lighting provided to avoid panic and provides illumination-allowing people to reach a place where an escape route can be identified. |
| **OPERATING FREQUENCY (HZ)** | Refers to the frequency at which the output of a lamp or LED source operates per second. Measured in Hertz (Hz), Electronic or high frequency control gear will increase the operating frequency into an operating frequency that the human eye cannot detect. |
| **PIR** | Passive Infrared (Detectors) are a type of occupancy sensor. PIR's switch upon detection of heat / movement in the surrounding environment. The PIR's are suitable for LED lamps / luminaires. LED lamps / luminaires can be switched at any frequency but provision must be taken for the in-rush current of the LED control gear. HF compact fluorescent luminaires should not be controlled by PIR's unless they have a minimum switching cycle of 20 minutes. |
| **PHOTOCELL** | A light-sensing device used to control luminaires and dimmers in response to detected light levels. |
| **PHASE CUT OFF / RESISTIVE DIMMERS**<br>**OVMD9014** | Devices used to vary the brightness of a light. By decreasing or increasing the RMS voltage Resistive Dimmers and, hence, the mean power to the lamp, it is possible to vary the intensity of the light output. Although variable-voltage devices are used for various purposes, the term dimmer is generally reserved for those intended to control light output from resistive incandescent, halogen, and (more recently) compact fluorescent lights (CFLs) and light-emitting diodes (LEDs). More specialised equipment is needed to dim fluorescent, mercury vapour, solid state and other arc lighting. |
| **PHOTOMETRICS** | Photometrics is a term that expresses the result of scientifically tested Ovia® Lighting products to produce information that can be used in lighting design packages such as Relux. Please visit our website for more information. |
| **RA** | See Colour Rendering Index. |
| **REACH** | Registration, Evaluation, Authorisation & restriction of Chemicals. Directive 1907/2006/EU covers the use of hazardous chemicals used in the manufacturing process and supply of products. |
| **RED** | Radio Equipment Directive (RED) 2014/53/EU. The Radio Equipment Directive (RED) was published in the Official Journal of the European Union on 22nd May 2014. |
| **RELUX** | The Ovia® Lighting design department utilises Relux as the standard lighting design package and visual presentation tool. The extensive Ovia lighting directory of products and all its photometric data is embedded in Relux and can be accessed free of charge. IES or LDT files for each Ovia® product are also downloadable from oviaUK.com or ovia.ie. |

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| **ROHS** | Restriction of Hazardous Substances (2011/65/EU) is an evolution of the original directive (2002/95/EC) maintaining consistency across all European member states. Effective as of January 2013 to restrict additional hazardous substances in products, preventing damage to the environment. Directive 2015/863 has recently been added with four additional phthalates. |
| **SELF-CONTAINED** | The most common type of Emergency lighting luminaire, where all of the components are within one luminaire. This can include gear boxes connected directly to individual luminaires but outside the main luminaire housing. |
| **SELF TEST EMERGENCY** | The Self-Test circuit utilises an accurate internal clock which is programmed to interrupt the permanent mains supply at set intervals thus initiating emergency lighting tests. The Self Test units are supplied pre-programmed to initiate short duration tests once every month and a full duration test once every 12 months (as recommended in BS5266 and EN50172). |
| **SELV** | Safety Extra Low Voltage or Separated. An extra-low voltage system, which is electrically separated from Earth and from other systems in such a way that a single fault cannot give rise to the risk of electric shock. |
| **STROBOSCOPIC EFFECT** | Lamps that operate from an alternating electrical supply may produce oscillations in light output. When the magnitude of these oscillations is great, machinery will appear to be stationary or moving in a different manner. This is called the stroboscopic effect. It is not commonly seen in modern lighting systems, but where it does occur it can be dangerous; so appropriate action should be taken to avoid it. |
| **SYMMETRICAL DISTRIBUTION** | Symmetric distribution of light. In many cases, the luminous intensity (light output) is distributed exactly the same either side of the lighting plane. Commonly found on floodlights, downlights and projectors. |
| **TASK LIGHTING** | Localised lighting intended for a specific task, examples include bed head reading lights, desk lamps and inspection bench lighting. |
| **TC°** | Rated value of the equipment's maximum operating temperature. Typically marked on control gear components. |
| **THERMAL CUT-OUT** | A protection from overheating due to abnormal lamp conditions (rectifier effect, short circuit or overload), with automatic restart after cooling. If a lamp is in a cycle of, runs for a duration, turns off, then restarts and runs for the duration again, it is likely that a thermal cut-out is operating. |
| **THERMAL PERFORMANCE** | This term refers to the design / thermal management of a luminaire. |
| **TP(A), TP(B)** | The Building Regulations Approved Document B2 (buildings other than dwelling houses) places restrictions on the use of certain thermoplastic materials when they are used as lighting diffusers and form part of a ceiling. TP(a) rated materials may be used almost without restriction, restrictions exist on the use of TP(b) rated materials. |
| **TRANSFORMER** | A device by which the voltage of alternating current is changed. Traditional transformers are constructed by copper wire wound around an iron core, Electronic transformers are also commonly found. Typically used for supplying low voltage lamps, most transformers can be dimmed. The success of dimming depends on many factors including the type of dimmer and transformer used. We recommend that the dimmer supplier is consulted for compatibility. |
| **UKCA** | UK Conformity Assessed marking is a certification mark that indicates conformity with the applicable requirements for products sold within Great Britain. |
| **ULOR** | Upward Light Output Ratio. The ratio of the total light output of a luminaire above the horizontal. |
| **(UGR) UNIFIED GLARE RATING** | Unified Glare Rating is a calculated value for the amount of glare or discomfort produced by a luminaire; its value ranges from 10 to 30, the higher the value the more perceptible the glare effect. |
| **UTILISATION FACTOR** | The proportion of the luminous flux emitted by a light source, which reaches the working plane. |
| **UV** | Ultra Violet is invisible radiation that is shorter in wavelength and higher in frequency than visible violet light (literally beyond the violet light). Lamps that emit varying degrees of long wave ultraviolet light, which does cause harm or degradation overtime, may require filters to absorb the UV. A 'failed' lamp that does not emit any visible light is still capable of emitting high levels of UV light but is not noticed as the lack of visible light gives the impression that the lamp is not operating. The high levels of UV can then cause damage to materials, particularly plastics, with dis-colouration and crumbling of the material. Therefore failed lamps should always be replaced immediately. Ultraviolet light source can be used to create special lighting effects with fluorescent materials. UV sources can be incandescent, fluorescent, or preferably HID lamps. |
| **VOLTAGE** | The electric potential which exists between two components in an electrical circuit. Lamps are rated in terms of wattage at a specific voltage. Operating a lamp at another voltage from that which it is rated may cause the lamp to burn at less than full intensity or to burn out very quickly. |
| **WATT (W)** | The unit for measuring electrical power. It defines the rate of energy consumption by an electrical device when it is in operation. The energy cost of operating an electrical device is calculated as its wattage times the hours of use. In single phase circuits, it is related to volts and amps by the formula: Volts x Amps x Power Factor = Watts. (Note: For AC circuits, Power Factor must be included). |
| **WEEE** | Compliance with the Waste Electrical and Electronic Equipment Directive. This covers the collection, treatment and recycling of equipment at end of life. When supplied as B2B EEE the producer invokes regulation 12.2 and passes all WEEE obligations to the end user. |
| **ZENITH** | The direction directly above the luminaire (180° angle). Term used in floodlighting designs. |

## SEARCH BY PRODUCT NAME HERE...


| NAME | PAGE |
|---|---|
| ADORNA | 129 |
| ALUPANEL | 322 |
| AVORI | 112 |
| BARRA | 190 |
| BAYLIS | 75 |
| CALVEX | 431 |
| CALVEX5 | 434 |
| CENTURI | 114 |
| CONTROL GEAR5 | 457 |
| CONTROLS | 137 |
| DURUS | 120 |
| E-SPRITE | 334 |
| EDEN | 116 |
| ERNEX5 | 440 |
| EVO | 168 |
| EVO DECO XL | 182 |
| EVO ORB | 177 |
| EVO SLIM | 188 |
| EVO SLIM MINI | 186 |
| FLAMEGUARD® | 67 |
| FLOW™ | 28 |
| GATOR | 419 |
| HANEX5 | 437 |
| HOLBORN | 124 |
| IBEX | 445 |
| IBEX5 | 446 |
| INCEPTOR® A-LITE | 204 |
| INCEPTOR® ACE | 362 |
| INCEPTOR® APTO | 308 |
| INCEPTOR® B-LITE | 236 |
| INCEPTOR® DUO | 226 |
| INCEPTOR® EVO | 163 |
| INCEPTOR® HI-LITE | 348 |
| INCEPTOR® HULKE | 427 |
| INCEPTOR® INTENSE | 92 |
| INCEPTOR® MILLI | 48 |
| INCEPTOR® MURUS | 374 |
| INCEPTOR® NANO5 | 62 |
| INCEPTOR® NANOV2 | 58 |
| INCEPTOR® OMNIV2 | 54 |
| INCEPTOR® RIO | 198 |
| INCEPTOR® SKYLAR UGR16 | 294 |
| INCEPTOR® SLATE | 282 |
| INCEPTOR® SLATE BACKLIT | 289 |
| INCEPTOR® SLATE BACKLIT UGR | 290 |
| INCEPTOR® TROFA | 298 |
| INCEPTOR® U-LITE | 250 |
| LED LAMPS | 78 |
| NEO | 128 |
| NEWEM | 441 |
| NEWEM5 | 442 |
| NOVA | 82 |
| NOVEM5 | 428 |
| NOVUS | 80 |
| ORNA | 118 |
| ORNEX5 | 429 |
| OVO | 83 |
| PATHFINDER | 402 |
| PICO | 64 |
| PICO FG | 65 |
| POLYPANEL | 318 |
| QUADRA | 119 |
| REX | 194 |
| SENTRO | 388 |
| SIBEX | 450 |
| SLATE BACKLIT | 288 |
| SPEAR | 121 |
| SPRITE | 327 |
| TRIBUS | 122 |
| TRINITY | 126 |
| TWIST | 109 |
| U-LITE | 264 |
| VANEX | 438 |
| VANEX5 | 439 |
| VELO | 192 |
| VERTA | 110 |
| ZONNE | 400 |
| ZONTOR | 398 |


## SEARCH BY SKU HERE...


| SKU | PAGE | KG |
|---|---|---|
| CT1008 | 28 | 0.918 |
| CT1016 | 29 | 2.6 |
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| CT735 | 38 | 0.36 |
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| CT745 | 38 | 0.48 |
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| OEB6432L | 452 | 0.178 |
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| OEC4-L-ST-W | 436 | 1.5 |
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| OEV2-U-ST | 439 | 0.89 |
| ON7-CH | 80 | 0.75 |
| ON7-W | 80 | 0.75 |
| OR5 | 194 | 0.5 |
| OR5-E | 195 | 0.69 |
| OR5-PC | 194 | 0.49 |
| OR5BT | 194-195 | 0.07 |
| OR5RD | 194-195 | 0.16 |
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| OS10C-P-B | 389 | 0.13 |
| OS10W-B | 388 | 0.13 |
| OS10W-P-B | 389 | 0.13 |
| OS20C-B | 390 | 0.18 |
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| OS30W-P-B | 393 | 0.22 |
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| OS50C-P-B | 395 | 0.33 |
| OS50W-B | 394 | 0.33 |
| OS50W-P-B | 395 | 0.33 |
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| OV10110WHWW | 402 | 0.25 |
| OV10110WHWWPIR | 406 | 0.32 |
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| OV10120WHWW | 403 | 0.39 |
| OV10120WHWWPIR | 407 | 0.44 |
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| OV102150BKCWPC | 369 | 4.02 |
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| OV102300BKCW | 366 | 9.05 |
| OV102300BKCWPC | 371 | 9.05 |
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| OV11340GY | 419 | 3.66 |
| OV11365GY | 420 | 4.45 |
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| OV15WPIR | 193 | 0.35 |
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| OV18142WW20 | 94 | 0.14 |
| OV18142WW65 | 98 | 0.18 |
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| OV18145RGBCW20 | 94 | 0.28 |
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| OV18145WW20 | 94 | 0.28 |
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| OV1871RGBCW65 | 96 | 0.06 |
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| OV2012W7GY | 118 | 0.9 |
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| OV2022W6GY | 111 | 1.05 |
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| OV2071AG25DA | 384 | 2.93 |
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| OV66358CTAD | 331 | 0.52 |
| OV6715CTA | 335 | 0.23 |
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| OV6730CTA | 337 | 0.38 |
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| SKU | PAGE | KG |
|---|---|---|
| OV80181DA | 273 | 2.33 |
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| OV80181EMSD | 273 | 2.68 |
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| OV81181EMDA | 259 | 2.45 |
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| OV82150EMDA | 243 | 1.9 |
| OV82150EMSD | 243 | 1.9 |

| SKU | PAGE | KG |
|---|---|---|
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| OV841217CTA | 204 | 2.75 |
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| OV841525DEMCTADA | 215 | 3.31 |
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| OV841525EMCTASD | 215 | 3.31 |
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| OV841550CTADA | 218 | 3.4 |
| OV841550CTASD | 218 | 3.18 |
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| OV841550EMCTA | 217 | 3.5 |
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| OV841550MWCTA | 216 | 3.2 |
| OV841550MWEMCTA | 217 | 3.5 |
| OV841560CTA | 220 | 3.5 |
| OV841560CTADA | 222 | 3.38 |
| OV841560CTASD | 222 | 3.38 |
| OV841560DEMCTADA | 223 | 3.31 |
| OV841560EMCTA | 221 | 3.65 |
| OV841560EMCTADA | 223 | 3.49 |
| OV841560EMCTASD | 223 | 3.49 |
| OV841560MWCTA | 220 | 3.5 |
| OV841560MWEMCTA | 221 | 3.65 |
| OV9001BK | 163 | 2.61 |
| OV9001WH | 163 | 2.61 |
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| OV9002WH | 163 | 2.74 |
| OV9003BK | 163 | 2.71 |
| OV9003WH | 163 | 2.71 |
| OV9110010 | 186 | 0.74 |
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| OV9110016MWEM | 189 | 0.95 |
| OV9110016MWEMST | 189 | 0.95 |
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| OV9300BK12EMPC | 171 | 0.95 |
| OV9300BK12EMST | 169 | 0.91 |
| OV9300BK12MW | 168 | 0.88 |
| OV9300BK12MWEM | 169 | 1.1 |
| OV9300BK12MWEMPC | 171 | 1.1 |
| OV9300BK12MWEMST | 169 | 0.97 |
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| OV9300BK16 | 172 | 0.82 |
| OV9300BK16EM | 173 | 0.95 |
| OV9300BK16EMPC | 175 | 0.95 |
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| OV9300BK16MWEM | 173 | 1.1 |
| OV9300BK16MWEMPC | 175 | 1.1 |

| SKU | PAGE | KG |
|---|---|---|
| OV9300BK16MWEMST | 173 | 0.97 |
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| OV9300WH12MWEMST | 169 | 0.97 |
| OV9300WH12PC | 170 | 0.82 |
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| OV9300WH16EM | 173 | 0.95 |
| OV9300WH16EMPC | 175 | 0.95 |
| OV9300WH16EMST | 173 | 0.91 |
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| OV9300WH16MWEMST | 173 | 0.97 |
| OV9300WH16PC | 174 | 0.82 |
| OV9500WH9 | 164 | 1.41 |
| OV9500WH93EM | 164 | 1.48 |
| OV9500WH93EMST | 164 | 1.48 |
| OV9500WH9MS | 165 | 1.78 |
| OV9500WH9MS3EM | 165 | 1.83 |
| OV9500WH9MS3EMST | 165 | 1.83 |
| OV9505WH9 | 166 | 1.49 |
| OV9505WH93EM | 166 | 1.54 |
| OV9505WH93EMST | 166 | 1.54 |
| OV9505WH9MS | 167 | 1.84 |
| OV9505WH9MS3EM | 167 | 1.89 |
| OV9505WH9MS3EMST | 167 | 1.89 |
| OV9700WH12 | 178 | 0.93 |
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| OV9700WH12EMMW | 179 | 1.06 |
| OV9700WH12EMMWST | 179 | 1.06 |
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| OV9700WH16EM | 181 | 1 |
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| OV9800WH | 182 | 1.7 |
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| OV9800WHEMMWST | 183 | 1.83 |
| OV9800WHEMSD | 185 | 1.79 |
| OV9800WHEMST | 183 | 1.77 |
| OV9800WHMW | 182 | 1.76 |
| OV9800WHSD | 184 | 1.67 |
| OVBZ4700AB | 55 | 0.0122 |
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| OVBZ4700SC | 55 | 0.0122 |
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| OVBZ6424BK | 317 | 0.16 |
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| OVBZ646BK | 317 | 0.06 |
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| OVBZ646SC | 317 | 0.06 |
| OVBZMB-AB | 50 | 0.0125 |
| OVBZMB-B | 50 | 0.0125 |
| OVBZMB-CH | 50 | 0.0125 |
| OVBZMB-SC | 50 | 0.0125 |
| OVCG24V100IP67 | 104 | 0.56 |
| OVCG24V120IP20 | 103 | 0.27 |
| OVCG24V150IP67 | 104 | 0.61 |
| OVCG24V200IP67 | 104 | 0.7 |
| OVCG24V250L | 102 | 0.51 |
| OVCG24V30IP20 | 103 | 0.15 |
| OVCG24V30IP20L | 102 | 0.18 |
| OVCG24V60IP20 | 103 | 0.156 |
| OVCG24V60IP20L | 102 | 0.18 |
| OVCG24V90IP20 | 103 | 0.254 |
| OVCG24V90IP20L | 102 | 0.2 |
| OVCGAMPF | 100 | 0.21 |

| SKU | PAGE | KG |
|---|---|---|
| OVCGHBIRR | 350 | 0.03 |
| OVCGMF0001 | 300 | 0.195 |
| OVCGMF0002 | 301 | 0.275 |
| OVCGMF0003 | 302 | 0.14 |
| OVCGMF0004 | 303 | 0.168 |
| OVEM10210WHST | 451,468 | 0.39 |
| OVEM12210WHST | 450,468 | 0.38 |
| OVEM2311 | 427,466 | 0.35 |
| OVEM3610WH | 441 | 1.08 |
| OVEM3610WHST | 441 | 1.08 |
| OVEM4211D | 438 | 0.89 |
| OVEM4211DST | 438 | 0.89 |
| OVEM4211LR | 438 | 0.89 |
| OVEM4211LRST | 438 | 0.89 |
| OVEM4211U | 438 | 0.89 |
| OVEM4211UST | 438 | 0.89 |
| OVEM5311BKL | 432 | 1.5 |
| OVEM5311BKR | 432 | 1.5 |
| OVEM5311BKU | 432 | 1.5 |
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| OVEM5311WHDST | 433 | 1.5 |
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| OVEM5311WHUST | 433 | 1.5 |
| OVEM8510 | 445,469 | 0.7 |
| OVEM8510ST | 445,469 | 0.7 |
| OVEMB3608NCP | 452 | 0.06 |
| OVEMB3609NCP | 452 | 0.069 |
| OVEMB3609NCS | 452 | 0.069 |
| OVEMB3612NCS | 452 | 0.092 |
| OVEMB3615NCP | 452 | 0.145 |
| OVEMB3618NCP | 452 | 0.194 |
| OVEMB3618NCP-BT | 452 | 0.194 |
| OVEMB3618NCS | 452 | 0.194 |
| OVEMB3620NCS-SC1 | 452 | 0.14 |
| OVEMB3620NCS-SC2 | 452 | 0.14 |
| OVEMB3630NCS | 452 | 0.21 |
| OVEMB4835NCS | 452 | 0.474 |
| OVEMB6415LIS | 276 | 0.088 |
| OVEMB6430LIS | 276 | 0.172 |
| OVEMB7418LI | 276 | 0.1 |
| OVEMB7425LI | 276 | 0.1 |
| OVEMSP002 | 458 | 0.3 |
| OVEMSP003 | 458 | 0.018 |
| OVEMSP004 | 458 | 0.2 |
| OVEMSP005D | 454 | 0.12 |
| OVEMSP005L | 454 | 0.12 |
| OVEMSP005R | 454 | 0.12 |
| OVEMSP005U | 454 | 0.12 |
| OVEMSP006D | 455 | 0.19 |
| OVEMSP006L | 455 | 0.19 |
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| OVEMSP007D | 456 | 0.0536 |
| OVEMSP007L | 456 | 0.0536 |
| OVEMSP007R | 456 | 0.0536 |
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| OVGB400 | 67 | 0.625 |
| OVGF495CH | 67 | 0.12 |
| OVGF495SC | 67 | 0.12 |
| OVGF495WH | 67 | 0.12 |
| OVGU300CH | 70 | 0.38 |
| OVGU300SC | 70 | 0.38 |
| OVGU300WH | 70 | 0.38 |
| OVGU305CH | 72 | 0.448 |
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| OVGU305WH | 72 | 0.448 |
| OVGU315CH | 71 | 0.24 |
| OVGU315SC | 71 | 0.24 |
| OVGU315WH | 71 | 0.24 |
| OVGU320CH | 73 | 0.32 |
| OVGU320SC | 73 | 0.32 |
| OVGU320WH | 73 | 0.32 |
| OVGU395 | 74 | 0.35 |
| OVGU700CH | 70 | 0.33 |
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| OVGU700WH | 70 | 0.33 |
| OVGU705CH | 72 | 0.25 |
| OVGU705SC | 72 | 0.25 |
| OVGU705WH | 72 | 0.25 |
| OVGU715CH | 71 | 0.19 |
| OVGU715SC | 71 | 0.19 |
| OVGU715WH | 71 | 0.19 |
| OVGU720CH | 73 | 0.28 |
| OVGU720SC | 73 | 0.28 |
| OVGU720WH | 73 | 0.28 |
| OVGU795 | 74 | 0.34 |
| OVGZ015SC | 76 | 0.15 |
| OVGZ015WH | 76 | 0.15 |
| OVGZ020CH | 77 | 0.17 |
| OVGZ020SC | 77 | 0.17 |

| SKU | PAGE | KG |
|---|---|---|
| OVGZ096 | 75 | 0.25 |
| OVHBDACV | 352 | 0.068 |
| OVISC1020 | 67 | 0.04 |
| OVLA1009W4 | 78 | 0.04 |
| OVLA1010C4 | 78 | 0.04 |
| OVLA1011W4D | 79 | 0.05 |
| OVLA1012C4D | 79 | 0.05 |
| OVMS001WH | 137,140 | 0.11 |
| OVMS002WHD | 137,141 | 0.23 |
| OVOL200GY | 128 | 1.05 |
| OVOL400BK | 190 | 1.167 |
| OVOL400WH | 190 | 1.167 |
| OVOL405BK | 191 | 1.333 |
| OVOL405WH | 191 | 1.333 |
| OVOL410BK | 190 | 1.167 |
| OVOL410WH | 190 | 1.167 |
| OVOL415BK | 191 | 1.333 |
| OVOL415WH | 191 | 1.333 |
| OVOL420BK | 190 | 1.167 |
| OVOL420WH | 190 | 1.167 |
| OVOL425BK | 191 | 1.333 |
| OVOL425WH | 191 | 1.333 |
| OVOL640GY | 126 | 3.9 |
| OVOL650GY | 124 | 7.6 |
| OVOL655BK | 125 | 9.5 |
| OVOL655GY | 125 | 9.5 |
| OVPC001BK | 153 | 0.17 |
| OVPC002 | 154 | 0.09 |
| OVPIR001BK | 146 | 0.14 |
| OVPIR001WH | 146 | 0.14 |
| OVPIR002BK | 147 | 0.18 |
| OVPIR002WH | 147 | 0.18 |
| OVPIR003BK | 148 | 0.1 |
| OVPIR003WH | 137,148 | 0.1 |
| OVPIR004BK | 149 | 0.16 |
| OVPIR004WH | 137,149 | 0.16 |
| OVPIR005BK | 142 | 0.11 |
| OVPIR005WH | 137,142 | 0.11 |
| OVPIR006BK | 143 | 0.13 |
| OVPIR006WH | 137,143 | 0.13 |
| OVPIR007WH | 137,144 | 0.11 |
| OVPIR008WH | 137-138 | 0.1 |
| OVPIR009WH | 137,139 | 0.1 |
| OVPIR010WH | 137,150 | 0.06 |
| OVPIR011WHD | 137,151 | 0.09 |
| OVREC731 | 304 | 0.42 |
| OVRGBWC | 100 | 0.075 |
| OVRGBWDP | 100 | 0.223 |
| OVSCE001 | 101 | 0.66 |
| OVSCE002 | 101 | 0.66 |
| OVSEC21065 | 99 | 0.0043 |
| OVSEC2865 | 97 | 0.004 |
| OVSEC51265 | 97,99 | 0.0048 |
| OVSHSC200 | 97,99 | 0.02 |
| OVSHSC201 | 97,99 | 0.028 |
| OVSJC210 | 95 | 0.0135 |
| OVSJC21065 | 99 | 0.0135 |
| OVSJC28 | 93 | 0.0135 |
| OVSJC2865 | 97 | 0.0135 |
| OVSJC512 | 93,95 | 0.0135 |
| OVSJC51265 | 97,99 | 0.0135 |
| OVSJL21001 | 95 | 0.005 |
| OVSJL2100165 | 99 | 0.011 |
| OVSJL2801 | 93 | 0.005 |
| OVSJL280165 | 97 | 0.011 |
| OVSJL51201 | 93,95 | 0.007 |
| OVSJL5120165 | 97,99 | 0.015 |
| OVSLC210 | 95 | 0.017 |
| OVSLC28 | 93 | 0.017 |
| OVSLC512 | 93,95 | 0.017 |
| OVSMC210 | 95 | 0.01 |
| OVSMC21065 | 99 | 0.01 |
| OVSMC28 | 93 | 0.01 |
| OVSMC2865 | 97 | 0.01 |
| OVSMC512 | 93,95 | 0.01 |
| OVSMC51265 | 97,99 | 0.01 |
| OVSP3120CH | 66 | 0.12 |
| OVSP3120SC | 66 | 0.12 |
| OVSP3120WH | 66 | 0.12 |
| OVSP4120CH | 66 | 0.1 |
| OVSP4120SC | 66 | 0.1 |
| OVSP4120WH | 66 | 0.1 |
| OVSRE001 | 101 | 0.578 |
| OVSRE002 | 101 | 0.578 |
| OVSRE003 | 101 | 0.46 |
| OVSRE004 | 101 | 0.46 |
| OVSRE005 | 101 | 0.42 |
| OVSRE006 | 101 | 0.42 |
| OVSSE001 | 101 | 0.45 |
| OVSSE002 | 101 | 0.45 |
| OVSSE003 | 101 | 0.432 |
| OVSSE004 | 101 | 0.432 |
| OVSSGC | 97,99 | 0.012 |
| OVSSL21005 | 95 | 0.008 |

| SKU | PAGE | KG |
|---|---|---|
| OVSSL2100565 | 99 | 0.028 |
| OVSSL2101 | 95 | 0.013 |
| OVSSL210165 | 99 | 0.045 |
| OVSSL2102 | 95 | 0.023 |
| OVSSL210265 | 99 | 0.085 |
| OVSSL2105 | 95 | 0.053 |
| OVSSL210565 | 99 | 0.185 |
| OVSSL2805 | 93 | 0.008 |
| OVSSL280565 | 97 | 0.028 |
| OVSSL281 | 93 | 0.013 |
| OVSSL28165 | 97 | 0.045 |
| OVSSL282 | 93 | 0.023 |
| OVSSL28265 | 97 | 0.085 |
| OVSSL285 | 93 | 0.053 |
| OVSSL28565 | 97 | 0.185 |
| OVSSL51205 | 93,95 | 0.015 |
| OVSSL5120565 | 97,99 | 0.033 |
| OVSSL5121 | 93,95 | 0.0281 |
| OVSSL512165 | 97,99 | 0.055 |
| OVSSL5122 | 93,95 | 0.0531 |
| OVSSL512265 | 97,99 | 0.1 |
| OVSSL5125 | 93,95 | 0.008 |
| OVSSL512565 | 97,99 | 0.235 |
| OVSTC210 | 95 | 0.0172 |
| OVSTC28 | 93 | 0.0172 |
| OVSTC512 | 93,95 | 0.0172 |
| OVSURF731 | 304 | 0.42 |
| OVSURF732 | 304 | 0.61 |
| OVSURF733 | 304 | 0.85 |
| OVSURF734 | 304 | 0.59 |
| OVSUSP731 | 304 | 0.16 |
| OVSUSP733 | 304 | 0.24 |
| OVSXC210 | 95 | 0.027 |
| OVSXC28 | 93 | 0.027 |
| OVSXC512 | 93,95 | 0.027 |
| OVTR301 | 132 | 0.058 |
| OVWB1080 | 350 | 0.52 |
| OVWB1081 | 350 | 0.55 |
| OVWB1082 | 350 | 0.65 |
| OXD442-B | 226 | 2.1 |
| OXD442-B-MF | 228 | 2.03 |
| OXD442-E-B | 227 | 2.5 |
| OXD442-E-B-MF | 229 | 2.44 |
| OXD442-E-G | 227 | 2.5 |
| OXD442-E-G-MF | 229 | 2.44 |
| OXD442-E-W | 227 | 2.5 |
| OXD442-E-W-MF | 229 | 2.44 |
| OXD442-G | 226 | 2.1 |
| OXD442-G-MF | 228 | 2.03 |
| OXD442-W | 226 | 2.1 |
| OXD442-W-MF | 228 | 2.03 |
| OXD556-B | 230 | 2.8 |
| OXD556-B-MF | 232 | 2.8 |
| OXD556-E-B | 231 | 3.2 |
| OXD556-E-B-MF | 233 | 3.2 |
| OXD556-E-G | 231 | 3.2 |
| OXD556-E-G-MF | 233 | 3.2 |
| OXD556-E-W | 231 | 3.2 |
| OXD556-E-W-MF | 233 | 3.2 |
| OXD556-G | 230 | 2.8 |
| OXD556-G-MF | 232 | 2.8 |
| OXD556-W | 230 | 2.8 |
| OXD556-W-MF | 232 | 2.8 |
| OXHL100 | 348 | 2.1 |
| OXHL100-M | 349 | 2.1 |
| OXHL150 | 348 | 2.8 |
| OXHL150-M | 349 | 2.8 |
| OXHL200 | 348 | 3.1 |
| OXHL200-M | 349 | 3.1 |
| OXHLEP | 351 | 1.6 |
| OXM-AB | 48 | 0.22 |
| OXM-B | 48 | 0.22 |
| OXM-CH | 48 | 0.22 |
| OXM-SC | 48 | 0.22 |
| OXM-W | 48 | 0.22 |
| OXM-W-10 | 48 | 0.22 |
| OXMB-B-W | 49 | 0.245 |
| OXMB-W-W | 49 | 0.245 |
| OXR431 | 198 | 2.37 |
| OXR431-E | 199 | 2.59 |
| OXR431-M | 199 | 2.4 |
| OXR431-ME | 199 | 2.63 |
| OXR540 | 200 | 2.84 |
| OXR540-E | 201 | 3.06 |
| OXR540-M | 201 | 2.88 |
| OXR540-ME | 201 | 3.1 |
| OZ8C-S | 400 | 0.85 |
| OZT15C-S | 398 | 1.95 |
| OZT40C-S | 399 | 5.11 |
| SP1016 | 28-29 | 1.2 |



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OVMAR1000/05
Errors and Omissions excluded. Specification is subject to change without notice.

seera

Part of the Scolmore Group

# Simply Stylish Wiring Accessories

www.scolmoreme.com

seera

Scolmore Middle East is part of the Scolmore Group - a globally recognised name in the electrical industry and the UK's leading manufacturer of electrical accessories, lighting, home automation, security and cable accessory products. Established in the UK in 1989, the award-winning Scolmore Group organisation designs, develops and manufactures an ever-expanding range of innovative, energy-efficient and time-saving solutions for domestic and commercial projects.

Today Scolmore Middle East supplies an array of products from Scolmore's core product ranges across the Middle East region through its trusted network of authorised distributors. These include ESP Emergency Lighting, Click Wiring Accessories, Ovia LED Lighting, and Unicrimp Cable Management products.

The company's established network of authorised distributors is key to delivering a broad range of products and support across the regions being served. There is a strong emphasis on providing exceptional service to valued customers to ensure they have access to a variety of marketing support facilities including comprehensive training across the breadth of products being supplied.

# 10 Year Warranty

All products within the Seera® Range come with a 10 Year Warranty.

# Introducing new Black & Silver finishes

Our Seera® range is now available with 3 different finish options!

The Seera® range comes in a White finish as standard, but now you can choose to change the finish to either Black or Silver, which is available across the entire Seera® range.

# Understanding the product code

Our Seera® range comes White as standard.
If another finish is required, then simply specify the required finish by following the easy to follow code structure as demonstrated here...

| CPC | 801 | BK/SV |
| --- | --- | --- |
| Plate Style | Product Number | Plate Finish |

If you require an alternative finish to white, then please add the required suffix to the product code.

(BK) Black

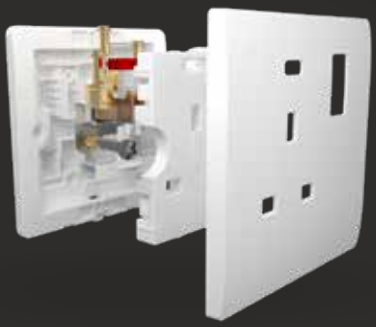
(SV) Silver

# Installation Assembly

A great feature of the Seera® Range is that the fixing screws are not visible!

The Frontplate is attached directly onto the Insert to hide all fixing screws.

The product Insert will be fixed to a back box.



Socket Assembly

Switch Assembly

# Switches

Our switches are developed to offer a solution for almost every possible design need and the screwless exterior enhances the décor of any installation.

**Wide Rocker Switches**
- One Way
- Two Way
- Intermediate
- 10AX
- 20AX

**Dimmer Switches**

All products in the Seera® range are available in White, Black and Silver.

801 825

802

803

827

## WIDE ROCKER SWITCHES - ONE WAY

| | |
|---|---|
| CPC801 | 10AX Single Pole 1 Gang 1 Way Plate Switch |
| CPC802 | 10AX Single Pole 2 Gang 1 Way Plate Switch |
| CPC803 | 10AX Single Pole 3 Gang 1 Way Plate Switch |
| CPC827 | 10AX Single Pole 1 Gang Push Bell Plate Switch |

## WIDE ROCKER SWITCHES - INTERMEDIATE

| | |
|---|---|
| CPC825 | 10AX Single Pole 1 Gang Intermediate Plate Switch |

**Understanding the code:**
**CPC** - Plate Style **801** - Product Number **BK** - Plate Finish

**Finish options:**
**BK** Black **SV** Silver (if you require an alternative finish to white then please add the required suffix to the product code)

**Standards:** BS EN 60669-1

**Dimensions:** 86mm (W) x 86mm (H) x 6.5mm (D)

**Additional Information:**

A stylish, Contemporary & Flexible Range of Smooth Profile Wiring Accessories
Insert & Front Plates Supplied Together

All products in the Seera® range are available in White, Black and Silver.

811 824-1

812 824-2

813 824-3

814

2027BT

## WIDE ROCKER SWITCHES - TWO WAY

CPC811 10AX Single Pole 1 Gang 2 Way Plate Switch

CPC812 10AX Single Pole 2 Gang 2 Way Plate Switch

CPC813 10AX Single Pole 3 Gang 2 Way Plate Switch

CPC814 10AX Single Pole 4 Gang 2 Way Plate Switch

CPC824-1 20AX Single Pole 1 Gang 2 Way Plate Switch

CPC824-2 20AX Single Pole 2 Gang 2 Way Plate Switch

CPC824-3 20AX Single Pole 3 Gang 2 Way Plate Switch

## ILLUMINATED TRIM ROCKER SWITCHES - TWO WAY

CPC2027BT 20AX Single Pole 1 Gang Push Bell Plate Locator Switch

Locator Switch With Illuminated Blue LED Trim

**Understanding the code:**
**CPC** - Plate Style **801**- Product Number **BK** - Plate Finish

**Finish options:**
**BK** Black **SV** Silver (if you require an alternative finish to white then please add the required suffix to the product code)

**Standards:** BS EN 60669-1

**Dimensions:** 86mm (W) x 86mm (H) x 6.5mm (D)

**Additional Information:**

A stylish, Contemporary & Flexible Range of Smooth Profile Wiring Accessories
Insert & Front Plates Supplied Together

All products in the Seera® range are available in White, Black and Silver.

811N

812N

813N

814N

## WIDE ROCKER SWITCHES - TWO WAY

| | |
|---|---|
| CPC811N | 10AX Single Pole 1 Gang 2 Way Plate Switch With Decorative Insert |
| CPC812N | 10AX Single Pole 2 Gang 2 Way Plate Switch With Decorative Insert |
| CPC813N | 10AX Single Pole 3 Gang 2 Way Plate Switch With Decorative Insert |
| CPC814N | 10AX Single Pole 4 Gang 2 Way Plate Switch With Decorative Insert |

**Understanding the code:**
**CPC** - Plate Style **801** - Product Number **BK** - Plate Finish

**Finish options:**
**BK** Black **SV** Silver (if you require an alternative finish to white then please add the required suffix to the product code)

**Standards:** BS EN 60669-1

**Dimensions:** 86mm (W) x 86mm (H) x 6.5mm (D)

**Additional Information:**

A stylish, Contemporary & Flexible Range of Smooth Profile Wiring Accessories
Insert & Front Plates Supplied Together

All products in the Seera® range are available in White, Black and Silver.

140/145

146

140PL

146PL

### Eliminate Dimmer Flickering

Our new dimmer is much easier to program than regular dimmers because of the two small switches on the back of the module. This allows the dimmer to be programmed without removing from the plate.

MD9014

1 Switch 1 allows the minimum brightness to be adjusted

2 Switch 2 allows the dimming mode to be adjusted

## DIMMER SWITCHES

| | |
|---|---|
| CPC140 | 1 Gang 2 Way 400W Dimmer Switch |
| CPC145 | 1 Gang 2 Way 250W Dimmer Switch |
| CPC146 | 2 Gang 2 Way 250W Dimmer Switch |

## LED DIMMER MODULES

| | |
|---|---|
| MD9014 | 100W Dual Mode Dimmer Module with Trim |

## ROTARY DIMMER SWITCH UNFURNISHED PLATES

| | |
|---|---|
| CPC140PL | 1 Gang Dimmer Switch Plate & Control Button |
| CPC146PL | 2 Gang Dimmer Switch Plate & Control Buttons |

**Understanding the code:**
**CPC** - Plate Style **801**- Product Number **BK** - Plate Finish

**Finish options:**
**BK** Black **SV** Silver (if you require an alternative finish to white then please add the required suffix to the product code)

**Standards:** BS EN 60669-2-1 BS 5733 BS EN 55015 **140 & 146:** BS 5733
**MD9014:** BS EN 60669-1BS EN 60669-2-1BS EN 55015 BS EN 61000-3-2

**Dimensions:** 86mm (W) x 86mm (H) x 6.5mm (D) **MD9014:** 25mm (W) x 57.5mm (H) x 24.2mm (D)

**Additional Information:**

A stylish, Contemporary & Flexible Range of Smooth Profile Wiring Accessories
Insert & Front Plates Supplied Together

# Power Socket Outlets, Fused Connection Units, Blank Plates & Control Switches

Our sockets have the provision of fused connection units as standard, which greatly facilitates wiring and installation.

- 13A UK Socket Outlets
- Switched Socket Outlets With USB
- 13A Universal Socket Outlet
- 15A Round Pin Socket Outlet
- Blank Plates
- Control Switches
- Connection and Flex Outlet Plates
- 13A Fused Connection Units

5V ⎓ 2.1A
click

All products in the Seera® range are available in White, Black and Silver.

035 TE035

036 TE036

100

Our dual voltage shaver outlet incorporates a double wound isolating transformer rated 20Va or 115V and meets BS EN 61558-2-5: 2010 making it safe for use in bathrooms. The Shaver outlet is not continuously rated and therefore is not suitable for use as a permanent charging outlet.

035N

036N

## UK SWITCHED SOCKET OUTLETS

| | | | |
|---|---|---|---|
| CPC035 | 13A 1 Gang Double Pole Switched UK Socket | CPCTE035 | 13A 1 Gang Double Pole Switched UK Socket With Twin Earth Terminals |
| CPC036 | 13A 2 Gang Double Pole Switched UK Socket | CPCTE036 | 13A 2 Gang Double Pole Switched UK Socket With Twin Earth Terminals |
| CPC035N | 13A 1 Gang Double Pole Switched UK Socket With Neon | CPC036N | 13A 2 Gang Double Pole Switched UK Socket With Neon |

## DUAL VOLTAGE SHAVER SOCKET OUTLETS

CPC100 20VA Dual Voltage Shaver Outlet (115-230V)

**Understanding the code:**
**CPC** - Plate Style **801** - Product Number **BK** - Plate Finish

**Finish options:**
**BK** Black **SV** Silver (if you require an alternative finish to white then please add the required suffix to the product code)

**Standards:** BS 1363-2 **100:** BS EN 61558-1 BS EN 61558-2-5

**Dimensions: 1 Gang:** 86mm (W) x 86mm (H) x 6.5mm (D) **2 Gang:** 146mm (W) x 86mm (H) x 6.5mm (D)

**100:** 86mm (W) x 146mm (H) x 6.5mm (D)

**Additional Information:**

A stylish, Contemporary & Flexible Range of Smooth Profile Wiring Accessories
Insert & Front Plates Supplied Together

(All excluding 100)

All products in the Seera® range are available in White, Black and Silver.

771

9871

9871N

770

9886N

## UK SWITCHED SOCKET OUTLETS WITH USB

| | |
|---|---|
| CPC771 | 13A 1 Gang Switched UK Socket With 2.1A USB Outlet |
| CPC770 | 13A 2 Gang Switched UK Socket With 2.1A USB Outlet |
| CPC9871 | 13A 1 Gang Switched Universal Socket Outlet With 2.1A USB Outlet |
| CPC9871N | 13A 1 Gang Switched Universal Socket Outlet With 2.1A USB Outlet & Neon |
| CPC9886 | 13A 2 Gang Switched Universal Socket Outlet With Type A & C USB Outlets |
| CPC9886N | 13A 2 Gang Switched Universal Socket Outlet With Type A & C USB Outlets & Neons |

**Understanding the code:**
**CPC** - Plate Style **801**- Product Number **BK** - Plate Finish

**Finish options:**
**BK** Black **SV** Silver (if you require an alternative finish to white then please add the required suffix to the product code)

**Standards: 770 & 771:**BS 1363-2: 2016 +A1: 2018 **9871, 9871N, 9886 & 9886N:** BS 5733 (USB) IEC 62368-1 (USB)
**Dimensions: 1 Gang:** 86mm (W) x 86mm (H) x 6.5mm (D) **2 Gang:** 146mm (W) x 86mm (H) x 6.5mm (D)
**1Gang USB:** 86mm (W) x 86mm (H) x 6.5mm (D) **2 Gang USB:** 146mm (W) x 86mm (H) x 6.5mm (D)

**Additional Information:**

A stylish, Contemporary & Flexible Range of Smooth Profile Wiring Accessories
Insert & Front Plates Supplied Together

**770 & 771:**

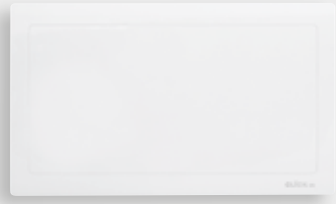
All products in the Seera® range are available in White, Black and Silver.

034 TE034

9835N

060

9836N



061

## ROUND PIN SOCKET OUTLETS

CPC034 15A Round Pin 1 Gang Switched Socket

## ROUND PIN SOCKET OUTLETS (TWIN EARTH)

CPCTE034 15A Round Pin 1 Gang Switched Socket With Twin Earth Terminals

## UNIVERSAL SWITCHED SOCKET OUTLETS

CPC9835N 1 Gang 13A Universal Switched Socket With Neon

CPC9836N 2 Gang 13A Universal Switched Socket With Neon

## BLANK PLATES

CPC060 1 Gang Blank Plate

CPC061 2 Gang Blank Plate

**Understanding the code:**
**CPC** - Plate Style **801** - Product Number **BK** - Plate Finish

**Finish options:**
**BK** Black **SV** Silver (if you require an alternative finish to white then please add the required suffix to the product code)

**Standards:** BS 546 **060 & 061:** BS 5733

**Dimensions:** **034 & TE034:** 86mm (W) x 86mm (H) x 6.5mm (D)
**9835N:** 86mm (W) x 86mm (H) x 6.5mm (D) **9836N:** 146mm (W) x 86mm (H) x 6.5mm (D)
**060:** 86mm (W) x 86mm (H) x 6.5mm (D) **061:**146mm (W) x 86mm (H) x 6.5mm (D)

**Additional Information:**

A stylish, Contemporary & Flexible Range of Smooth Profile Wiring Accessories
Insert & Front Plates Supplied Together

**034 & TE034:**

All products in the Seera® range are available in White, Black and Silver.

822

822N

1010

232N

232NAC

## 20A SWITCHES - DOUBLE POLE

CPC822 20A Double Pole 1 Gang Plate Switch

CPC822N 20A Double Pole 1 Gang Plate Switch With Neon

## 32A SWITCHES

CPC232N 32A Double Pole 1 Gang Plate Switch With Neon

CPC232NAC 32A Double Pole 1 Gang Plate Switch With Neon - Air Conditioning

## FAN CONTROLLER

CPC1010 1 Gang 250W Fan Controller

**Understanding the code:**
**CPC** - Plate Style **801**- Product Number **BK** - Plate Finish

**Finish options:**
**BK** Black **SV** Silver (if you require an alternative finish to white then please add the required suffix to the product code)

**Standards:** BS EN 60669-1 **1010:** IEC 60669-2-1

**Dimensions:** 86mm (W) x 86mm (H) x 6.5mm (D) **1010:** 86mm (W) x 86mm (H) x 6.5mm (D)

**Additional Information:**

A stylish, Contemporary & Flexible Range of Smooth Profile Wiring Accessories
Insert & Front Plates Supplied Together

All products in the Seera® range are available in White, Black and Silver.

200

201

202

203

205

## 45A SWITCHES

| | |
|---|---|
| CPC200 | 45A Double Pole 1 Gang Plate Switch |
| CPC201 | 45A Double Pole 1 Gang Plate Switch With Neon |
| CPC202 | 45A Double Pole 2 Gang (Vertical) Plate Switch |
| CPC203 | 45A Double Pole 2 Gang (Vertical) Plate Switch With Neon |

## 45A COOKER CONTROL UNIT

| | |
|---|---|
| CPC205 | 45A Double Pole Switch & 13A Double Pole Switched Socket & Neons |

**Understanding the code:**
**CPC** - Plate Style **801** - Product Number **BK** - Plate Finish

**Finish options:**
**BK** Black **SV** Silver (if you require an alternative finish to white then please add the required suffix to the product code)

**Standards:** BS EN 60669-1 **205:** BS 5733

**Dimensions: 1 Gang:** 86mm (W) x 86mm (H) x 6.5mm (D) **2 Gang:** 86mm (W) x 146mm (H) x 6.5mm (D)
**205:** 146mm (W) x 86mm (H) x 6.5mm (D)

**Additional Information:**

A stylish, Contemporary & Flexible Range of Smooth Profile Wiring Accessories
Insert & Front Plates Supplied Together

All products in the Seera® range are available in White, Black and Silver.

232NACCP
Laser Etched Cover Plate

822NACCP
Laser Etched Cover Plate

822NWHCP
Laser Etched Cover Plate

017

215

## 20A CONTROL SWITCHES

CPC822NACCP 20A Double Pole 1 Gang Cover Plate Switch With Neon - Air Conditioning

CPC822NWHCP 20A Double Pole 1 Gang Cover Plate Switch With Neon - Water Heater

## 32A CONTROL SWITCHES

CPC232NACCP 32A Double Pole 1 Gang Cover Plate Switch With Neon - Air Conditioning

## FLEX OUTLET PLATE

CPC017 20A 3 Termination Plate With Optional Flex Outlet

## 45A COOKER CONNECTION PLATE

CPC215 45A 3 Termination Plate With Optional Cable Outlet

**Understanding the code:**
**CPC** - Plate Style **801**- Product Number **BK** - Plate Finish

**Finish options:**
**BK** Black **SV** Silver (if you require an alternative finish to white then please add the required suffix to the product code)

**Standards:** BS 5733

**Dimensions:**
**017:** 86mm (W) x 86mm (H) x 6.5mm (D) **215:** 86mm (W) x 86mm (H) x 6.5mm (D)

**Additional Information:**

A stylish, Contemporary & Flexible Range of Smooth Profile Wiring Accessories
Insert & Front Plates Supplied Together

All products in the Seera® range are available in White, Black and Silver.

650

651

652 TE652

653

## FUSED CONNECTION UNITS WITHOUT FLEX OUTLET

| | |
|---|---|
| CPC650 | 13A Fused Connection Unit |
| CPC651 | 13A Fused Connection Unit Double Pole Switched |
| CPC652 | 13A Fused Connection Unit Double Pole Switched With Neon |
| CPC653 | 13A Fused Connection Unit With Neon |

**Understanding the code:**
**CPC** - Plate Style **801** - Product Number **BK** - Plate Finish

**Finish options:**
**BK** Black **SV** Silver (if you require an alternative finish to white then please add the required suffix to the product code)

**Standards:** BS 1363-4 BS 1362

**Dimensions:** 86mm (W) x 86mm (H) x 6.5mm (D)

**Additional Information:**

A stylish, Contemporary & Flexible Range of Smooth Profile Wiring Accessories
Insert & Front Plates Supplied Together

All products in the Seera® range are available in White, Black and Silver.

050

051

052

053

## FUSED CONNECTION UNITS WITH OPTIONAL FLEX OUTLET

| | |
|---|---|
| CPC050 | 13A Fused Connection Unit With Flex Outlet |
| CPC051 | 13A Fused Connection Unit Double Pole Switched With Flex Outlet |
| CPC052 | 13A Fused Connection Unit Double Pole Switched With Flex Outlet & Neon |
| CPC053 | 13A Fused Connection Unit With Flex Outlet & Neon |

**Understanding the code:**
**CPC** - Plate Style **801**- Product Number **BK** - Plate Finish

**Finish options:**
**BK** Black **SV** Silver (if you require an alternative finish to white then please add the required suffix to the product code)

**Standards:** BS 1363-4 BS 1362

**Dimensions:** 86mm (W) x 86mm (H) x 6.5mm (D)

**Additional Information:**

A stylish, Contemporary & Flexible Range of Smooth Profile Wiring Accessories
Insert & Front Plates Supplied Together

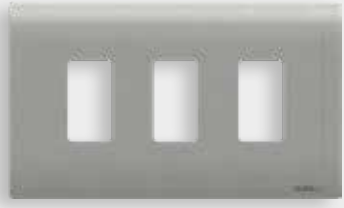
# TV, Telephone & Data Sockets

Providing the means to facilitate the connection of modern communications equipment is as important today as it is to provide the electrical power to operate them, which includes products for connecting telephone, computer, television and satellite devices.

- Unfurnished Media Plates
- RJ11 Outlet
- Telephone Outlets
- Satellite Outlet
- Coaxial Outlet

All products in the Seera® range are available in White, Black and Silver.

20401



20403

20402

20404

GRIDPRO

Unfurnished Plates above can be furnished with any GridPro® modules, for the full range please refer to the Click® Wiring Accessory Catalogue.

## UNFURNISHED PLATES - GRIDPRO®

CPC20401 1 Gang GridPro® Plate

CPC20402 2 Gang GridPro® Plate

CPC20403 3 Gang GridPro® Plate

CPC20404 4 Gang GridPro® Plate

**Understanding the code:**
**CPC** - Plate Style **801** - Product Number **BK** - Plate Finish

**Finish options:**
**BK** Black **SV** Silver (if you require an alternative finish to white then please add the required suffix to the product code)

**Standards:** BS 5733

**Dimensions: 1 & 2 Gang:** 86mm (W) x 86mm (H) x 6.5mm (D) **3 & 4 Gang:** 146mm (W) x 86mm (H) x 6.5mm (D)

**Additional Information:**

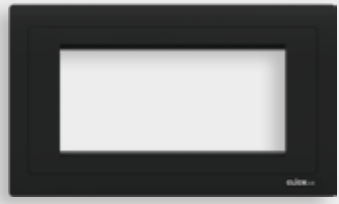
A stylish, Contemporary & Flexible Range of Smooth Profile Wiring Accessories
Insert & Front Plates Supplied Together

# NEW MEDIA™ PLATES

All products in the Seera® range are available in White, Black and Silver.

310

311



312

new media™

Unfurnished Plates above can be furnished with any New Media™ modules, for the full range please refer to the Click® Wiring Accessory Catalogue.

## UNFURNISHED PLATES - NEW MEDIA™

| | |
|---|---|
| CPC310 | 1 Gang Media Plate |
| CPC311 | 2 Gang Media Plate |
| CPC312 | 4 Gang Media Plate |

**Understanding the code:**
**CPC** - Plate Style **801**- Product Number **BK** - Plate Finish

**Finish options:**
**BK** Black **SV** Silver (if you require an alternative finish to white then please add the required suffix to the product code)

**Standards:** BS 5733

**Dimensions: 1 & 2 Gang:** 86mm (W) x 86mm (H) x 6.5mm (D) **4 Gang:** 146mm (W) x 86mm (H) x 6.5mm (D)

**Additional Information:**

A stylish, Contemporary & Flexible Range of Smooth Profile Wiring Accessories
Insert & Front Plates Supplied Together

All products in the GridPro® range are available in Black and White.

GM2001PW

GM2002BK

GM2018PW

GM2018NBK

GM2028PW

GM2070PW

## 20AX SWITCH MODULES

| | |
|---|---|
| GM2001 | 20AX 1 Way Switch Module |
| GM2002 | 20AX 2 Way Switch Module |
| GM2018 | 20AX Double Pole Switch Module |
| GM2018N | 20AX Double Pole Switch With Neon Module |
| GM2028 | 20AX Intermediate Switch Module |
| GM2070 | 20AX 3 Position Centre 'Off' Switch Module |

**Understanding the code:**
**GM** - Gridpro® Module **2001**- Product Number **BK** - Module Finish

**Finish options:**
**BK** Black **PW** White (Please add the required abbreviation to the product code)

**Standards:** BS EN 60669-1

**Dimensions:** 24.5mm (W) x 50mm (H) x 22.5mm (D) **2070:** 24.5mm (W) x 50mm (H) x 26mm (D)

All products in the GridPro® range are available in Black and White.

GM2004PW

GM2075BK

GM2008PW

GM2017BK

GM2047PW

## 20AX RETRACTIVE SWITCH MODULES

GM2004 20AX 2 Way Retractive Switch Module

GM2075 20AX 3 Position Centre 'Off' Retractive Switch Module

## 13A FUSED CONNECTION MODULES

GM2047 13A Fused Connection Module

## 20A FLEX OUTLET MODULES

GM2017 20A Flex Outlet Module

## BLANK MODULES

GM2008 Blank Module

**Understanding the code:**
**GM** - Gridpro® Module **2001**- Product Number **BK** - Module Finish

**Finish options:**
**BK** Black **PW** White (Please add the required abbreviation to the product code)

**Standards:** BS EN 60669-1 **2047:** BS 1363-4 **2017:**BS 5733

**Dimensions:**
**2004:** 24.5mm (W) x 50mm (H) x 22.5mm (D) **2075:** 24.5mm (W) x 50mm (H) x 26mm (D)
**2047:** 24.5mm (W) x 50mm (H) x 25mm (D) **2017:** 24.5mm (W) x 50mm (H) x 28mm (D)
**2008:** 24.5mm (W) x 50mm (H) x 12mm (D)

All products in the New Media™ range are available in White, Black and Silver.

MM586WH MM405SV SDMM405ANG MM410BK MM450WH MM460SV

MM465BK MM470BK MM485WH MM491SV MM501BK MM515

## NEW MEDIA™ MODULES

| | | | |
|---|---|---|---|
| MM586WH | 2A "A" & 3A "C" USB Dual Charging Module | MM465 | Telephone Secondary Module |
| MM405 | Single Female Satellite Module | MM470 | RJ11 (US/Irish) Telephone Module |
| SDMM405ANG | Single Angled Female Satellite Module | MM485 | RJ45 Cat-6 Module |
| MM410 | Single Female Coaxial Module | MM491 | Triple RCA/Phono Module |
| MM450 | Blank Module | MM501 | HDMI V2.0 Module With Fly-Lead |
| MM460 | Telephone Master Module | MM515 | 2A USB Charging Module |

Supplied with Black and White Frontplates

**Understanding the code:**
**MM** - Module Style **305**- Product Number **BK** - Module Finish

**Finish options:**
**BK** Black **SV** Silver **WH** White (Please add the required abbreviation to the product code)

**Dimensions:**
**305:** 25mm (W) x 50mm (H) x 50mm (D)
**405:** 25mm (W) x 50mm (H) x 23mm (D)
**SDMM405:** 25mm (W) x 50mm (H) x 24.2mm (D)
**410:** 25mm (W) x 50mm (H) x 23.4mm (D)
**450:** 25mm (W) x 50mm (H) x 14mm (D)
**460 & 465:** 25mm (W) x 50mm (H) x 20.2mm (D)
**470:** 25mm (W) x 50mm (H) x 17.2mm (D)
**485:** 25mm (W) x 50mm (H) x 18mm (D)
**491:** 25mm (W) x 50mm (H) x 18.3mm (D)
**501:** 25mm (W) x 50mm (H) x 28.2mm (D)
**515:** 25mm (W) x 50mm (H) x 35mm (D)

All products in the New Media™ range are available in Black, White and Silver.

MM425WH

MM430BK

MM020WH

MM620BK

SP620BK

SP620WH

## NEW MEDIA™ MODULES

| | |
|---|---|
| MM425 | Diplexed TV And Satellite Module |
| MM430 | Triplexed TV, Radio & Satellite Module |
| MM020 | 16A European Schuko Socket Outlet Module<br>Only available in Black and White |
| MM620BK | 10A/6AX Key Card Switch Insert Module |
| SP620BK | Front Plate For MM620BK (Key Fob Module) |
| SP620WH | Front Plate For MM620BK (Key Fob Module) |
| SP620MTBK | Front Plate For MM620BK (Key Fob Module) |
| SP620PN | Front Plate For MM620BK (Key Fob Module) |
| SP620SV | Front Plate For MM620BK (Key Fob Module) |

**Understanding the code:**
**MM** - Module Style **305**- Product Number **BK** - Module Finish

**Finish options:**
**BK** Black **SV** Silver **WH** White (Please add the required abbreviation to the product code)

**Standards: MM020:** IEC 60884

**Dimensions:**
**425 & 430:** 50mm (W) x 50mm (H) x 31.3mm (D)
**020:** 50mm (W) x 50mm (H) x 40,1mm (D)
**MM620:** 50mm (W) x 50mm (H) x 32.5mm (D)
**SP620:** 61mm (W) x 52mm (H) x 20.5mm (D)

All products in the Seera® range are available in White, Black and Silver.

115

119

124

## RJ11 TELEPHONE / DATE OUTLETS

CPC115 1 Gang Single RJ11 (Irish-US) Outlet

## TELEPHONE OUTLETS

CPC119 1 Gang Single Telephone Master Outlet

CPC124 1 Gang Single Telephone Secondary Outlet

**Understanding the code:**
**CPC** - Plate Style **801** - Product Number **BK** - Plate Finish

**Finish options:**
**BK** Black **SV** Silver (if you require an alternative finish to white then please add the required suffix to the product code)

**Standards:** BS 5733

**Dimensions: 115:** 86mm (W) x 86mm (H) x 6.5mm (D) **119 & 124:** 86mm (W) x 86mm (H) x 6.5mm (D)

**Additional Information:**

A stylish, Contemporary & Flexible Range of Smooth Profile Wiring Accessories
Insert & Front Plates Supplied Together

All products in the Seera® range are available in White, Black and Silver.

065

156

## NON-ISOLATED COAXIAL OUTLET (UNSHIELDED)

CPC065 1 Gang Non-Isolated Single Coaxial Outlet

CPC156 1 Gang Non-Isolated Single Satellite Outlet

**Understanding the code:**
**CPC** - Plate Style **801**- Product Number **BK** - Plate Finish

**Finish options:**
**BK** Black **SV** Silver (if you require an alternative finish to white then please add the required suffix to the product code)

**Standards:** BS 5733

**Dimensions: 165:** 86mm (W) x 86mm (H) x 6.5mm (D) **156:** 86mm (W) x 86mm (H) x 6.5mm (D)

**Additional Information:**

A stylish, Contemporary & Flexible Range of Smooth Profile Wiring Accessories
Insert & Front Plates Supplied Together

seera®

Scolmore® MIDDLE EAST

Scolmore® GROUP

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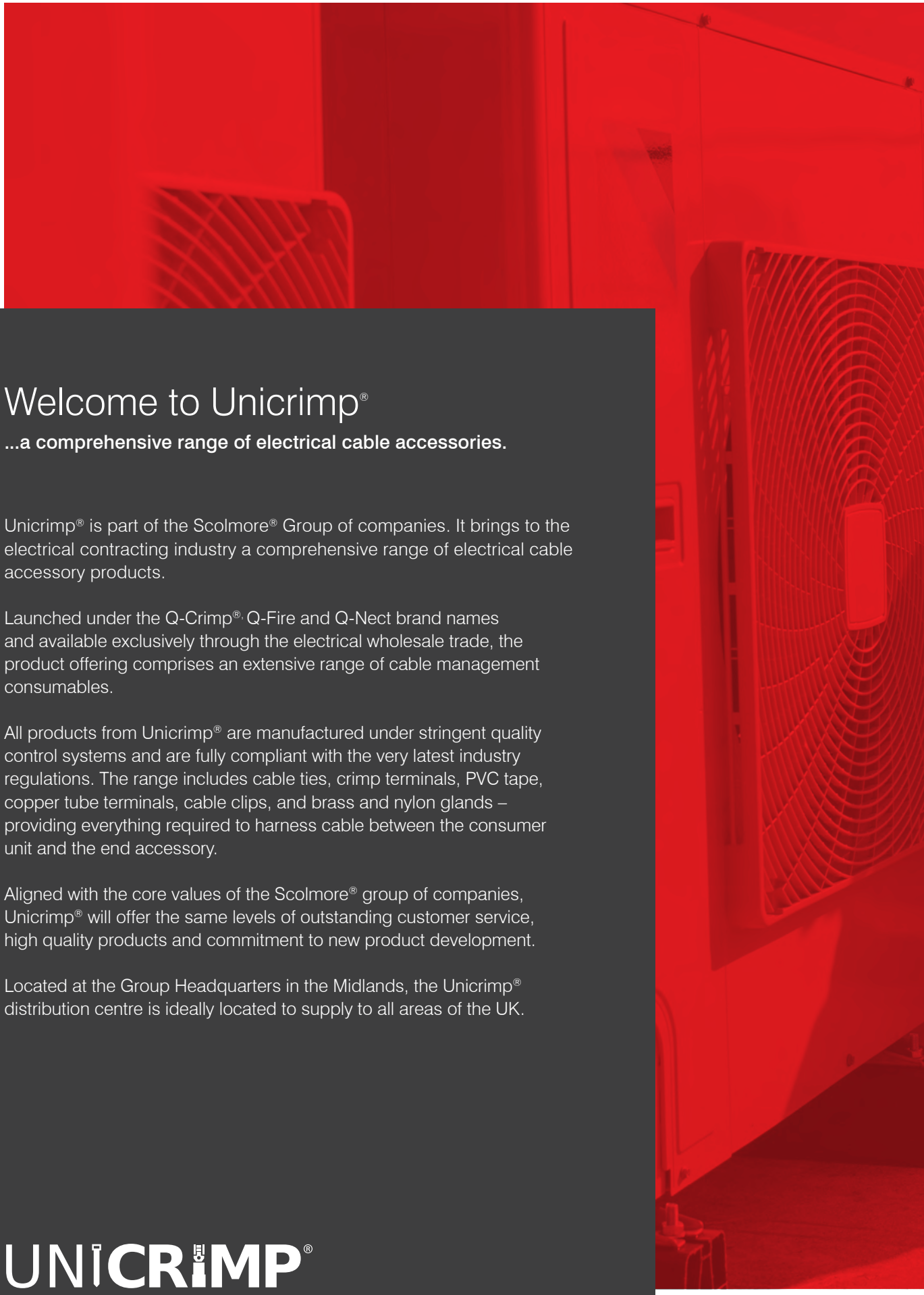
**Errors and Omissions excluded. Specification is subject to change without notice.**

UNICRIMP®
Scolmore GROUP

WWW.UNICRIMP.COM

# ELECTRICAL ACCESSORIES

ISSUE 16



# Welcome to Unicrimp®

**...a comprehensive range of electrical cable accessories.**

Unicrimp® is part of the Scolmore® Group of companies. It brings to the electrical contracting industry a comprehensive range of electrical cable accessory products.

Launched under the Q-Crimp®, Q-Fire and Q-Nect brand names and available exclusively through the electrical wholesale trade, the product offering comprises an extensive range of cable management consumables.

All products from Unicrimp® are manufactured under stringent quality control systems and are fully compliant with the very latest industry regulations. The range includes cable ties, crimp terminals, PVC tape, copper tube terminals, cable clips, and brass and nylon glands – providing everything required to harness cable between the consumer unit and the end accessory.

Aligned with the core values of the Scolmore® group of companies, Unicrimp® will offer the same levels of outstanding customer service, high quality products and commitment to new product development.

Located at the Group Headquarters in the Midlands, the Unicrimp® distribution centre is ideally located to supply to all areas of the UK.

UNICRIMP®

# Accessories to look out for

## Q-Fire Expanding Foam

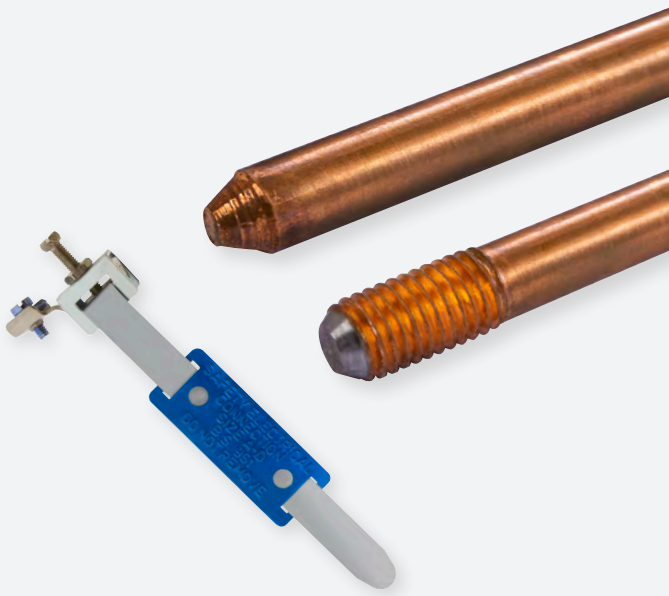
Single component, flame resistant, B1 quality construction foam which cures by air moisture. It expands up to 30 times its original volume and is quick drying. Flame resistant only in between solid mineral or metal construction materials - gap depth and width a maximum of 40mm.

## Lock Off Kits

Lock off kits are designed to prevent equipment usage at any given time. Ideal in locations where multiple workers are on-site.

## PVC Tapes

Tested for: Thickness, Tensile Elongation, Adhesion, Adhesion to Backing, Flagging, Corrosive Sulphur, Flame Propagation (CAT 2), Plastic to 31/90 (PVCP), Working Temperature up to 70°C.



## Earth Rods & Clamps

Unicrimp® earthing products meet British, European and International standards and all components are manufactured from high quality materials designed to ensure long lasting performance.

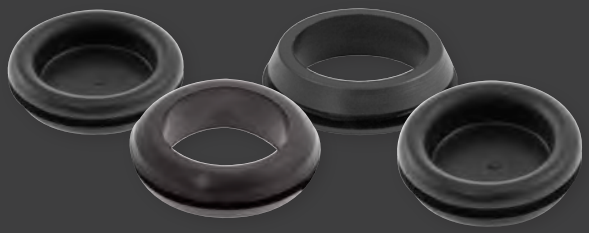

**call:** 01827 300600 **email:** sales@unicrimp.com **visit:** www.unicrimp.com

## Grommet Strips

Grommet strip will protect your cable from sharp and abrasive edges. These can be fitted to reduce chafing, with an easy to apply fit that doesn't need adhesives for proper application.

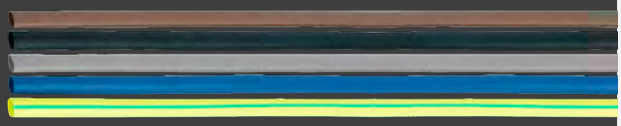
## Grommets

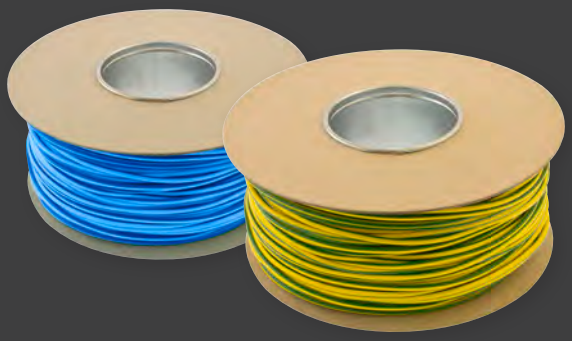
A selection of open and closed grommets for use in terminating cable through, consumer units, back boxes and junction boxes to prevent damage to the insulation of the cable.



## Sleeving

Cable sleeving is used to protect bare wires by providing an insulated layer that also identifies the cable based on the colour.





## Meter Tail Glands

Meter Tail Glands are designed to house incoming cables on a metal consumer unit and provide the ideal solution to house incoming cables requiring entry through a 32mm or 40mm knockout due to their specialist grommet allowing fitment for 25mm$^2$ or 16mm$^2$ meter tails.

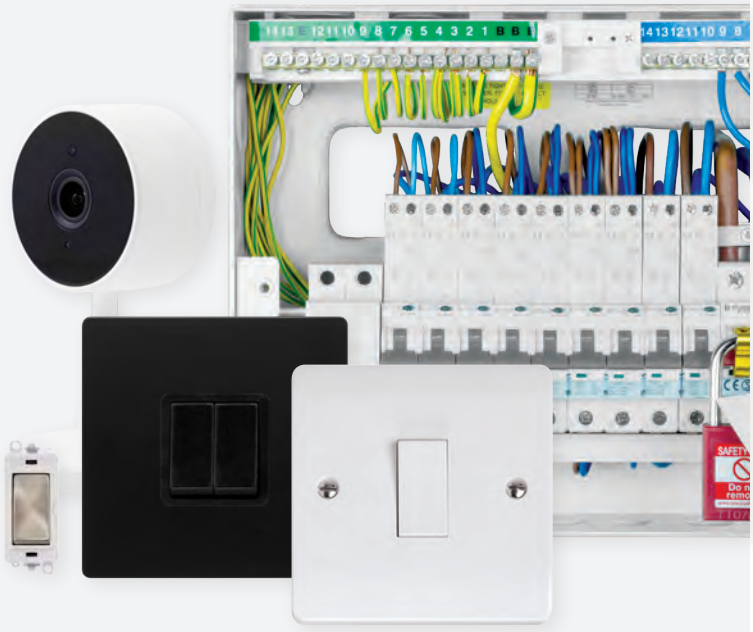
UNICRIMP Scolmore GROUP

# Do more with Scolmore Group

All of our products in the Q-Crimp, Q-Fire and Q-Nect ranges can be used when installing products from Scolmore Group. Choose from a great range of cable and wire accessories to help make your installations quicker, easier and safer.

CLICK Scolmore GROUP

- Sleeving (See page 22)
- Nylon Glands (See page 28)
- Push In & Lever Connectors (See pages 30 - 31)
- Grommets (See page 34)
- Q-Fire Range (See pages 35 - 38)
- Countersunk Machine Screws (See page 44)
- Extension Stud (See page 41)
- Torque Driver (See page 58)



# Do more with Scolmore Group

## ESP

- Bootlace Ferrules (See page 14)
- Cable Ties (See pages 17 - 20)
- Warning Tape (See page 29)
- Cable Clips (See page 33)
- Q-Fire Range (See page 35 - 38)
- Fixings (See page 39 - 52)
- Catenary Wire & Accessories (See page 47)

## OVIA

- Bootlace Ferrules (See page 14)
- Nylon Glands (See page 28)
- PVC Tape (See page 29)
- Push In & Lever Connectors (See page 30 - 31)
- Terminal Blocks (See page 30)
- Q-Fire Range (See page 35 - 38)
- Catenary Wire & Accessories (See page 47)
- Jack Chain & Accessories (See page 47)

Q-NECT

## Lever Connectors & Connection Boxes

Focusing on strong, quick and reliable solutions, the new Q-Nect range offers great versatility for electrical connections. Each product is packed with features which makes your installations quicker and easier.

- **Lever Connectors**
- **IP66 Junction Box**
- **2 & 3 Way Connectors**
- **3 Way IP68 'T' & Inline Connectors**

## Earthing Products

Unicrimp's complete earthing system has a consistent design throughout the range, making it adaptable to meet the installers ever changing needs and simplify the overall installation.

Unicrimp® earthing products meet British, European and International standards and all components are manufactured from high quality materials designed to ensure long lasting performance even in the harshest soil conditions.

# Q-FIRE

## The Complete Fire Range

Don't get caught out by the latest regs! Prevent cables from premature collapse during a fire and keep emergency services and the public safe.

BS7671 IET Wiring Regulations 18th Edition, Chapter 52: Selection and erection of wiring systems, provides requirements for the methods of support of wiring systems in escape routes. Regulation 521.10.202 requires cables to be adequately supported against their premature collapse in the event of a fire. This applies throughout the installation and not just in escape routes.

- **Metal Cable Cleats**
- **Stainless Steel Cable Ties**
- **Stainless Steel Mounts**
- **Fire Safe Cable Clips**
- **Metal Screws**
- **Saddle Clips & P Clips**
- **Saddle Bar Spacers**
- **All Round Banding**
- **Sealants & Expanding Foam**

## OB1 Range

User-friendly, hybrid polymer formulation for the ultimate in bonding and sealing. Contains no solvents so will never crack or shrink. Can be applied on wet surfaces, painted or moulded. Very high bond strength with resistance to fungal and bacterial growth.

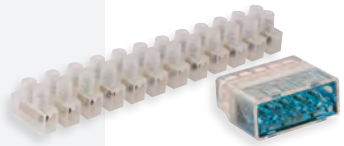
**11** **Pre-Insulated Terminals**
Rings, push-ons, spades, blades, butts, pins, heat shrink butts, bullets, available in red, blue & yellow.

**15** **Copper Tube Terminals**
Available in a range of sizes with bell mouth cable entry.

**21** **Cable Tie Accessories**
Eyelets, cradles, 2-way cable tie bases, mounts, earth sleeving.

**23** **Cable Glands**
Industrial brass glands and IP68 nylon glands available in a range of sizes.

**30** **Connectors & Terminals**
Push in connectors, lever connectors and terminal blocks.



**33** **Cable Clips**
Available in a range of colours and sizes.

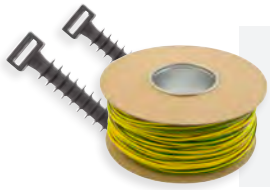
**35** **Q-Fire Range**
A range of tested and approved fire rated clips, ties, mounts, fixings and expanding foam.

**53** **OB1 Sealant & Adhesive**
Multi-surface construction sealant & adhesive available in 9 different colours. Also available are paint & varnish remover and multi-surface cleaner.

**57** **Earthing & Accessories**
Earth rods, couplers, driving studs, clamps and inspection pits, earth clamps, torque driver set & lock off kits.

**Bootlace Ferrules** 14
Available in a range of sizes with bell mouth cable entry.

**Cable Ties** 17
Nylon and metal content cable ties available in a range of sizes and made to the highest of quality.


**Plugs & Sleeving** 22
Masonry fixings for cable ties. PVC sleeving & PVC heat shrink sleeving

**Insulating Tapes** 29
General purpose non-migratory plasticised insulation tape.

**Q-Nect Range** 31
Strong, quick and reliable solutions.
Lever connectors and IP connection boxes.

**Grommets & Cleats** 34
Quick fit grommets and standard grommets, available in a range of sizes.

**Fixings** 39
Wall plugs, fixings, bolts, screws, toggles & nuts/washers.

**Adhesives** 55
Silicone adhesives, fillers and expanding foams.



**Customer Support** 59
Sales Office and in-house studio.
All Unicrimp marketing material available to download.

# Pre-Insulated Terminals

## Ring

| Part Number | Stud Size (mm) | Pack Qty |
|---|---|---|
| QRR3 | 3 | 100 |
| QRR37 | 3.7 | 100 |
| QRR4 | 4 | 100 |
| QRR5 | 5 | 100 |
| QRR6 | 6 | 100 |
| QRR8 | 8 | 100 |
| QRR10 | 10 | 100 |
| QRR12 | 12 | 100 |

**Cable Size Range (mm):** 0.5 to 1.5
**Current Rating (A):**19(Max) **Voltage (V):** 600(Max)

## Male Push-on

| Part Number | Tab Size (mm) | Pack Qty |
|---|---|---|
| QRPO28M5 | 2.8 x 0.5 | 100 |
| QRPO28M8 | 2.8 x 0.8 | 100 |
| QRPO48M5 | 4.8 x 0.5 | 100 |
| QRPO48M8 | 4.8 x 0.8 | 100 |
| QRPO63M | 6.3 x 0.8 | 100 |

**Cable Size Range (mm):** 0.5 to 1.5
**Current Rating (A):**10(Max) **Voltage (V):** 600(Max)

## Female Push-on

| Part Number | Tab Size (mm) | Pack Qty |
|---|---|---|
| QRPO28F5 | 2.8 x 0.5 | 100 |
| QRPO28F8 | 2.8 x 0.8 | 100 |
| QRPO48F5 | 4.8 x 0.5 | 100 |
| QRPO48F8 | 4.8 x 0.8 | 100 |
| QRPO63F | 6.3 x 0.8 | 100 |

**Cable Size Range (mm):** 0.5 to 1.5
**Current Rating (A):**10(Max) **Voltage (V):** 600(Max)

## Spade

| Part Number | Stud Size (mm) | Pack Qty |
|---|---|---|
| QRF3 | 3 | 100 |
| QRF3N | 3.5 | 100 |
| QRF4N | 4 | 100 |
| QRF5 | 5 | 100 |
| QRF6 | 6 | 100 |

**Cable Size Range (mm):** 0.5 to 1.5
**Current Rating (A):** 19(Max) **Voltage (V):** 600(Max)

## Female Push-on Fully Insulated

| Part Number | Tab Size (mm) | Pack Qty |
|---|---|---|
| QRFPO28F5 | 2.8 x 0.5 | 100 |
| QRFPO28F8 | 2.8 x 0.8 | 100 |
| QRFPO48F5 | 4.8 x 0.5 | 100 |
| QRFPO48F8 | 4.8 x 0.8 | 100 |
| QRFPO63F | 6.3 x 0.8 | 100 |

**Cable Size Range (mm):** 0.5 to 1.5
**Current Rating (A):** 10(Max) **Voltage (V):** 600(Max)

## Blade

| Part Number | Dia x Length (mm) | Pack Qty |
|---|---|---|
| QRBL10 | 2.3 x 10 | 100 |
| QRBL14 | 2.3 x 14 | 100 |
| QRBL18 | 2.3 x 18 | 100 |

**Cable Size Range (mm):** 0.5 to 1.5
**Current Rating (A):** 19(Max) **Voltage (V):** 600(Max)

## Butt Splice

| Part Number | Pack Qty |
|---|---|
| QRB | 100 |

**Cable Size Range (mm):** 0.5 to 1.5
**Current Rating (A):** 10(Max) **Voltage (V):** 600(Max)

## Piggy Back Push-on Connector

| Part Number | Tab Size (mm) | Pack Qty |
|---|---|---|
| QRPOA63 | 6.3 x 0.8 | 100 |

**Cable Size Range (mm):** 0.5 to 1.5
**Current Rating (A):** 10(Max) **Voltage (V):** 600(Max)

## Pin

| Part Number | Dia x Length (mm) | Pack Qty |
|---|---|---|
| QRP12 | 1.9 x 12 | 100 |

**Cable Size Range (mm):** 0.5 to 1.5
**Current Rating (A):** 19(Max) **Voltage (V):** 600(Max)

## Heat Shrink Butt

| Part Number | Pack Qty |
|---|---|
| QHSB1 | 100 |

**Cable Size Range (mm):** 0.5 to 1.5
**Current Rating (A):** 19(Max) **Voltage (V):** 600(Max)

## Male Bullet

| Part Number | Bullet Dia (mm) | Pack Qty |
|---|---|---|
| QRAB4M | 4 | 100 |

**Cable Size Range (mm):** 0.5 to 1.5
**Current Rating (A):** 10(Max) **Voltage (V):** 600(Max)

## Female Bullet

| Part Number | Bullet Dia (mm) | Pack Qty |
|---|---|---|
| QRAB4F | 4 | 100 |

**Cable Size Range (mm):** 0.5 to 1.5
**Current Rating (A):**10(Max) **Voltage (V):** 600(Max)


**call:** 01827 300600 **email:** sales@unicrimp.com **visit:** www.unicrimp.com

# Pre-Insulated Terminals

Q-CRIMP

## Ring

| Part Number | Stud Size (mm) | Pack Qty |
|---|---|---|
| QBR3 | 3 | 100 |
| QBR37 | 3.7 | 100 |
| QBR4 | 4 | 100 |
| QBR5 | 5 | 100 |
| QBR6 | 6 | 100 |
| QBR8 | 8 | 100 |
| QBR10 | 10 | 100 |
| QBR12 | 12 | 100 |

**Cable Size Range (mm):** 1.5 to 2.5
**Current Rating (A):** 24(Max) **Voltage (V):** 600(Max)

## Male Push-on

| Part Number | Tab Size (mm) | Pack Qty |
|---|---|---|
| QBPO48M5 | 4.8 x 0.5 | 100 |
| QBPO48M8 | 4.8 x 0.8 | 100 |
| QBPO63M | 6.3 x 0.8 | 100 |

**Cable Size Range (mm):** 1.5 to 2.5
**Current Rating (A):** 15(Max) **Voltage (V):** 600(Max)

## Female Push-on

| Part Number | Tab Size (mm) | Pack Qty |
|---|---|---|
| QBPO48F5 | 4.8 x 0.5 | 100 |
| QBPO48F8 | 4.8 x 0.8 | 100 |
| QBPO63F | 6.3 x 0.8 | 100 |
| QBPO85F | 8.5 x 0.8 | 100 |

**Cable Size Range (mm):** 1.5 to 2.5
**Current Rating (A):** 15(Max) **Voltage (V):600**(Max)

## Spade

| Part Number | Stud Size (mm) | Pack Qty |
|---|---|---|
| QBF3 | 3 | 100 |
| QBF3N | 3.5 | 100 |
| QBF4N | 4 | 100 |
| QBF5 | 5 | 100 |
| QBF6 | 6 | 100 |

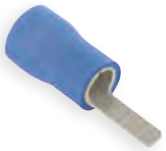
**Cable Size Range (mm):** 1.5 to 2.5
**Current Rating (A):** 24(Max) **Voltage (V):** 600(Max)

## Female Push-on Fully Insulated

| Part Number | Tab Size (mm) | Pack Qty |
|---|---|---|
| QBFPO48F5 | 4.8 x 0.5 | 100 |
| QBFPO48F8 | 4.8 x 0.8 | 100 |
| QBFPO63F | 6.3 x 0.8 | 100 |

**Cable Size Range (mm):** 1.5 to 2.5
**Current Rating (A):** 15(Max) **Voltage (V):** 600(Max)

## Blade



| Part Number | Dia x Length (mm) | Pack Qty |
|---|---|---|
| QBBL9 | 2.8 x 9 | 100 |
| QBBL18 | 2.2 x 18 | 100 |

**Cable Size Range (mm):** 1.5 to 2.5
**Current Rating (A):** 24(Max) **Voltage (V):** 600(Max)

## Butt

| Part Number | Pack Qty |
|---|---|
| QBB | 100 |

**Cable Size Range (mm):** 1.5 to 2.5
**Current Rating (A):** 15(Max) **Voltage (V):** 600(Max)

## Piggy Back Push-on Connector

| Part Number | Tab Size (mm) | Pack Qty |
|---|---|---|
| QBPOA63 | 6.3 x 0.8 | 100 |

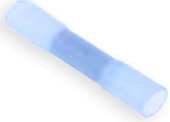
**Cable Size Range (mm):** 1.5 to 2.5
**Current Rating (A):** 15(Max) **Voltage (V):600**(Max)

## Pin

| Part Number | Dia x Length (mm) | Pack Qty |
|---|---|---|
| QBP12 | 1.9 x 12 | 100 |

**Cable Size Range (mm):** 1.5 to 2.5
**Current Rating (A):** 27(Max) **Voltage (V):** 600(Max)

## Heat Shrink Butt



| Part Number | Pack Qty |
|---|---|
| QHSB2 | 100 |

**Cable Size Range (mm):** 1.5 to 2.5
**Current Rating (A):** 27(Max) **Voltage (V):** 600(Max)

## Male Bullet

| Part Number | Bullet Dia (mm) | Pack Qty |
|---|---|---|
| QBAB4M | 4 | 100 |
| QBAB5M | 5 | 100 |

**Cable Size Range (mm):** 1.5 to 2.5
**Current Rating (A):** 15(Max) **Voltage (V):** 600(Max)

## Female Bullet

| Part Number | Bullet Dia (mm) | Pack Qty |
|---|---|---|
| QBAB4F | 4 | 100 |
| QBAB5F | 5 | 100 |

**Cable Size Range (mm):** 1.5 to 2.5
**Current Rating (A):** 15(Max) **Voltage (V):** 600(Max)

# Pre-Insulated Terminals

## Ring

| Part Number | Stud Size (mm) | Pack Qty |
|---|---|---|
| QYR4 | 4 | 100 |
| QYR5 | 5 | 100 |
| QYR6 | 6 | 100 |
| QYR8 | 8 | 100 |
| QYR10 | 10 | 100 |
| QYR12 | 12 | 100 |

**Cable Size Range (mm):** 2.5 to 4
**Current Rating (A):** 37(Max) **Voltage (V):** 600(Max)

## Male Push-on

| Part Number | Tab Size (mm) | Pack Qty |
|---|---|---|
| QYPO63M | 6.3 x 0.8 | 100 |

**Cable Size Range (mm):** 2.5 to 4
**Current Rating (A):** 24(Max) **Voltage (V):** 600(Max)

## Female Push-on

| Part Number | Tab Size mm | Pack Qty |
|---|---|---|
| QYPO63F | 6.3 x 0.8 | 100 |
| QYPO95F | 9.4 x 1.2 | 100 |

**Cable Size Range (mm):** 2.5 to 4
**Current Rating (A):** 24(Max) **Voltage (V):** 600(Max)

## Spade

| Part Number | Stud Size (mm) | Pack Qty |
|---|---|---|
| QYF3N | 3.5 | 100 |
| QYF4N | 4 | 100 |
| QYF5 | 5 | 100 |
| QYF6 | 6 | 100 |

**Cable Size Range (mm):** 2.5 to 4
**Current Rating (A): 37**(Max) **Voltage (V):** 600(Max)

## Female Push-on Fully Insulated

| Part Number | Tab Size mm | Pack Qty |
|---|---|---|
| QYFPO63F | 6.3 x 0.8 | 100 |
| QYFPO95F | 9.4 x 1.2 | 100 |

**Cable Size Range (mm):** 2.5 to 4
**Current Rating (A):** 24(Max) **Voltage (V):** 600(Max)

## Blade

| Part Number | Dia x Length mm | Pack Qty |
|---|---|---|
| QYBL10 | 2.8 x 10 | 100 |
| QYBL18 | 4.5 x 18 | 100 |

**Cable Size Range (mm):** 2.5 to 4
**Current Rating (A):** 37(Max) **Voltage (V):** 600(Max)

## Butt

| Part Number | Pack Qty |
|---|---|
| QYB | 100 |

**Cable Size Range (mm):** 2.5 to 4
**Current Rating (A):** 24(Max) **Voltage (V):** 600(Max)

## Piggy Back Push-on Connector

| Part Number | Tab Size (mm) | Pack Qty |
|---|---|---|
| QYPOA63 | 6.3 x 0.8 | 100 |

**Cable Size Range (mm):** 2.5 to 4
**Current Rating (A):** 24(Max) **Voltage (V):** 600(Max)

## Pin

| Part Number | Dia x Length (mm) | Pack Qty |
|---|---|---|
| QYP14 | 2.9 x 14 | 100 |

**Cable Size Range (mm):** 2.5 to 4
**Current Rating (A):** 37(Max) **Voltage (V):** 600(Max)

## Heat Shrink Butt

| Part Number | Pack Qty |
|---|---|
| QHSB5 | 100 |

**Cable Size Range (mm):** 2.5 to 4
**Current Rating (A):** 37(Max) **Voltage (V):** 600(Max)

## Male Bullet

| Part Number | Bullet Dia mm | Pack Qty |
|---|---|---|
| QYAB5M | 5 | 100 |

**Cable Size Range (mm):** 2.5 to 4
**Current Rating (A):** 24(Max) **Voltage (V):** 600(Max)

## Female Bullet

| Part Number | Bullet Dia mm | Pack Qty |
|---|---|---|
| QYAB5F | 5 | 100 |

**Cable Size Range (mm):** 2.5 to 4
**Current Rating (A):** 24(Max) **Voltage (V):** 600(Max)


**call:** 01827 300600 **email:** sales@unicrimp.com **visit:** www.unicrimp.com

# Bootlace Ferrules

Q-CRIMP

## Bootlace Ferrule

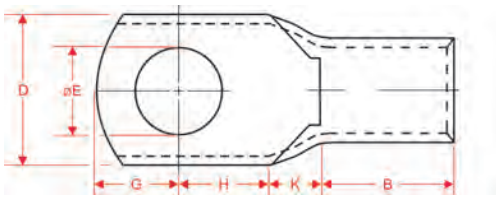
| Part Number | Description | Cable Size ($mm^2$) | Ferrule Length (mm) | Ferrule Diameter (mm) | Colour | Pack Quantity |
|---|---|---|---|---|---|---|
| QBFR05 | Bootlace Ferrule Single 0.5mm | 0.5 | 8 | 1.05 | White | 100 |
| QBFR075 | Bootlace Ferrule Single 0.75mm | 0.75 | 8 | 1.25 | Blue | 100 |
| QBFR1 | Bootlace Ferrule Single 1.0mm | 1 | 8 | 1.45 | Red | 100 |
| QBFR15 | Bootlace Ferrule Single 1.5mm | 1.5 | 8 | 1.8 | Black | 100 |
| QBFR25 | Bootlace Ferrule Single 2.5mm | 2.5 | 8 | 2.3 | Grey | 100 |
| QBFR4 | Bootlace Ferrule Single 4mm | 4 | 10 | 2.9 | Orange | 100 |
| QBFR6 | Bootlace Ferrule Single 6.0mm | 6 | 12 | 3.6 | Green | 100 |
| QBFR10 | Bootlace Ferrule Single 10mm | 10 | 12 | 4.6 | Brown | 100 |

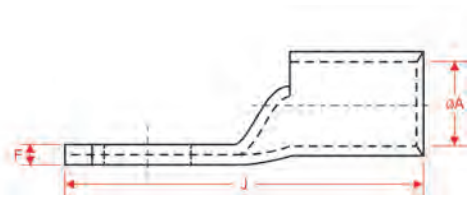
| | | | | | | |
|---|---|---|---|---|---|---|
| QDBFR05 | Bootlace Ferrule Double 0.5mm | 0.5 | 8 | 1.8 | White | 100 |
| QDBFR075 | Bootlace Ferrule Double 0.75mm | 0.75 | 8 | 2.1 | Blue | 100 |
| QDBFR1 | Bootlace Ferrule Double 1.0mm | 1 | 8 | 2.3 | Red | 100 |
| QDBFR15 | Bootlace Ferrule Double 1.5mm | 1.5 | 8 | 2.6 | Black | 100 |
| QDBFR25 | Bootlace Ferrule Double 2.5mm | 2.5 | 10 | 3.3 | Grey | 100 |
| QDBFR4 | Bootlace Ferrule Double 4mm | 4 | 12 | 4.2 | Orange | 100 |
| QDBFR6 | Bootlace Ferrule Double 6.0mm | 6 | 14 | 5.3 | Green | 100 |
| QDBFR10 | Bootlace Ferrule Double 10mm | 10 | 14 | 6.9 | Brown | 100 |

# Copper Tube Terminals

### Specification Requirements

- Finish: Electro tinned
- Copper conductivity to 97% IACS
- Copper tube double annealed
- All terminals up to 240mm² will have bell mouth cable entrance
- Working temperature up to 180°C (Standard)



| Part Number | Cable Size (mm²) | Stud Size (mm) | ØA (mm) | B (mm) | D (mm) | ØE (mm) | F (mm) | G (mm) | H (mm) | J (mm) | K (mm) | Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| QCT015-3 | 1.5 | 3 | 1.8 | 5 | 8 | 3.2 | 1 | 4 | 5 | 16 | 2 | 25 |
| QCT015-4 | 1.5 | 4 | 1.8 | 5 | 8 | 4.2 | 1 | 4 | 5 | 16 | 2 | 25 |
| QCT015-5 | 1.5 | 5 | 1.8 | 5 | 8 | 5.2 | 1 | 4 | 5 | 16 | 2 | 25 |
| QCT025-3 | 2.5 | 3 | 2.4 | 5 | 8 | 3.2 | 1 | 4 | 7 | 18 | 2 | 25 |
| QCT025-4 | 2.5 | 4 | 2.4 | 5 | 8 | 4.2 | 1 | 4 | 7 | 18 | 2 | 25 |
| QCT025-5 | 2.5 | 5 | 2.4 | 6 | 10 | 5.2 | 0.8 | 4 | 7 | 20 | 2 | 25 |
| QCT025-6 | 2.5 | 6 | 2.4 | 9 | 10 | 6.5 | 0.8 | 4 | 7 | 21.5 | 1.5 | 25 |
| QCT04-6 | 4 | 6 | 3.1 | 6 | 4.8 | 6.5 | 1.1 | 5 | 7 | 20 | 2 | 25 |
| QCT04-8 | 4 | 8 | 3.1 | 9 | 12 | 8.2 | 1 | 6 | 7 | 24 | 2 | 25 |
| QCT04-10 | 4 | 10 | 3.1 | 11 | 15 | 10.2 | 0.8 | 8 | 7 | 28 | 2 | 25 |
| QCT06-4 | 6 | 4 | 3.8 | 6 | 10 | 4.2 | 1.2 | 5 | 9 | 23 | 3 | 25 |
| QCT06-5 | 6 | 5 | 3.8 | 6 | 10 | 5.2 | 1.2 | 5 | 9 | 23 | 3 | 25 |
| QCT06-6 | 6 | 6 | 3.8 | 9 | 12 | 6.5 | 1 | 6 | 9 | 27 | 3 | 25 |
| QCT06-8 | 6 | 8 | 3.8 | 9 | 12 | 8.4 | 1 | 6 | 9 | 27 | 3 | 25 |
| QCT06-10 | 6 | 10 | 3.8 | 11 | 15 | 10.2 | 1 | 8 | 9 | 31 | 3 | 25 |
| QCT10-5 | 10 | 5 | 4.5 | 5 | 8.7 | 5.2 | 1.42 | 4 | 12 | 24 | 3 | 10 |
| QCT10-6 | 10 | 6 | 4.5 | 6 | 12 | 6.2 | 1.3 | 5 | 12 | 26 | 3 | 10 |
| QCT10-8 | 10 | 8 | 4.5 | 9 | 12 | 8.4 | 1.03 | 6 | 12 | 30 | 3 | 10 |
| QCT10-10 | 10 | 10 | 4.5 | 10 | 19 | 10.5 | 1.8 | 10 | 12 | 35 | 3 | 10 |
| QCT10-12 | 10 | 12 | 4.5 | 12 | 19 | 13 | 1.8 | 12 | 12 | 39 | 3 | 10 |
| QCT16-6 | 16 | 6 | 5.5 | 9 | 11 | 6.5 | 1.4 | 5 | 15 | 33 | 4 | 10 |
| QCT16-8 | 16 | 8 | 5.5 | 9 | 11 | 8.4 | 1.31 | 6 | 15 | 34 | 4 | 10 |
| QCT16-10 | 16 | 10 | 5.5 | 10 | 19 | 10.3 | 1.8 | 10 | 15 | 39 | 4 | 10 |
| QCT16-12 | 16 | 12 | 5.5 | 12 | 19 | 13 | 1.8 | 12 | 15 | 43 | 4 | 10 |
| QCT25-5 | 25 | 5 | 7 | 6 | 12.6 | 5.2 | 2 | 5 | 15 | 30 | 4 | 5 |
| QCT25-6 | 25 | 6 | 7 | 6 | 12.6 | 6.5 | 2 | 5 | 15 | 30 | 4 | 5 |
| QCT25-8 | 25 | 8 | 7 | 9 | 16 | 8.4 | 1.6 | 6 | 15 | 34 | 4 | 5 |
| QCT25-10 | 25 | 10 | 7 | 10 | 17.5 | 10.5 | 1.5 | 10 | 15 | 39 | 4 | 5 |
| QCT25-12 | 25 | 12 | 7 | 12 | 17.5 | 13 | 1.5 | 12 | 15 | 43 | 4 | 5 |
| QCT35-6 | 35 | 6 | 8.6 | 8 | 15.7 | 6.4 | 2.2 | 8 | 18 | 39 | 5 | 5 |
| QCT35-8 | 35 | 8 | 8.6 | 8 | 15.7 | 8.4 | 2.2 | 8 | 18 | 39 | 5 | 5 |
| QCT35-10 | 35 | 10 | 8.6 | 11 | 16.2 | 10.5 | 2 | 9 | 18 | 43 | 5 | 5 |
| QCT35-12 | 35 | 12 | 8.6 | 10.8 | 18 | 13 | 1.8 | 9.2 | 18 | 43 | 5 | 5 |
| QCT50-6 | 50 | 6 | 9.6 | 8.5 | 17.4 | 6.4 | 2.4 | 8.5 | 23 | 46 | 6 | 5 |
| QCT50-8 | 50 | 8 | 9.6 | 8.5 | 17.4 | 8.4 | 2.4 | 8.5 | 23 | 46 | 6 | 5 |
| QCT50-10 | 50 | 10 | 9.6 | 10 | 17.4 | 10.5 | 2.4 | 10 | 23 | 49 | 6 | 5 |
| QCT50-12 | 50 | 12 | 9.6 | 13 | 17.2 | 13 | 2.4 | 12 | 23 | 54 | 6 | 5 |

# Copper Tube Terminals

Q-CRIMP

| Part Number | Cable Size (mm²) | Stud Size (mm) | ØA (mm) | B (mm) | D (mm) | ØE (mm) | F (mm) | G (mm) | H (mm) | J (mm) | K (mm) | Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| QCT70-6 | 70 | 6 | 11.2 | 13 | 22 | 6.5 | 3 | 11 | 23 | 53 | 6 | 5 |
| QCT70-8 | 70 | 8 | 11.2 | 11 | 22 | 8.4 | 3 | 11 | 23 | 52 | 7 | 5 |
| QCT70-10 | 70 | 10 | 11.2 | 11 | 21.5 | 10.5 | 3 | 11 | 23 | 52 | 7 | 5 |
| QCT70-12 | 70 | 12 | 11.2 | 11 | 21.5 | 13 | 3 | 11 | 23 | 52 | 7 | 5 |
| QCT70-14 | 70 | 14 | 11.2 | 12.5 | 25 | 15 | 3 | 12.5 | 23 | 55 | 7 | 5 |
| QCT95-8 | 95 | 8 | 13.5 | 12 | 21.5 | 8.4 | 3.9 | 12 | 30 | 63 | 9 | 5 |
| QCT95-10 | 95 | 10 | 13.5 | 12 | 25 | 10.5 | 3.9 | 12 | 30 | 63 | 9 | 5 |
| QCT95-12 | 95 | 12 | 13.5 | 12 | 25 | 13 | 3.9 | 12 | 30 | 63 | 9 | 5 |
| QCT95-14 | 95 | 14 | 13.5 | 14 | 28 | 4.7 | 3.9 | 14 | 30 | 67 | 9 | 5 |
| QCT95-16 | 95 | 16 | 13.5 | 16 | 28 | 17 | 3.9 | 16 | 30 | 71 | 9 | 5 |
| QCT120-8 | 120 | 8 | 15 | 12 | 27.5 | 8.4 | 3.9 | 12 | 25 | 59 | 10 | 5 |
| QCT120-10 | 120 | 10 | 15 | 12 | 27.5 | 10.5 | 3.9 | 12 | 25 | 59 | 10 | 5 |
| QCT120-12 | 120 | 12 | 15 | 12 | 27.5 | 13 | 3.9 | 12 | 25 | 59 | 10 | 5 |
| QCT120-14 | 120 | 14 | 15 | 15 | 27.5 | 15 | 3.9 | 15 | 25 | 65 | 10 | 5 |
| QCT120-16 | 120 | 16 | 15 | 15 | 27.5 | 17 | 3.9 | 15 | 25 | 65 | 10 | 5 |
| QCT120-20 | 120 | 20 | 15 | 15 | 27.5 | 21 | 3.9 | 15 | 25 | 65 | 10 | 5 |
| QCT150-8 | 150 | 8 | 16.5 | 14 | 30 | 8.4 | 4.38 | 14 | 26 | 65 | 11 | 5 |
| QCT150-10 | 150 | 10 | 16.5 | 14 | 30 | 10.5 | 4.38 | 14 | 26 | 65 | 11 | 5 |
| QCT150-12 | 150 | 12 | 16.5 | 14 | 30 | 13 | 4.38 | 14 | 26 | 65 | 11 | 5 |
| QCT150-14 | 150 | 14 | 16.5 | 14 | 30 | 15 | 4.38 | 14 | 27 | 69 | 11 | 5 |
| QCT150-16 | 150 | 16 | 16.5 | 16 | 30 | 17 | 4.38 | 16 | 27 | 77 | 11 | 5 |
| QCT150-20 | 150 | 20 | 16.5 | 20 | 30 | 21 | 4.38 | 17 | 27 | 77 | 11 | 5 |
| QCT185-10 | 185 | 10 | 19 | 14 | 34 | 10.5 | 4 | 14 | 30 | 68 | 12 | 5 |
| QCT185-12 | 185 | 12 | 19 | 14 | 34 | 13 | 4 | 14 | 30 | 68 | 12 | 5 |
| QCT185-14 | 185 | 14 | 19 | 14 | 34 | 15 | 4 | 14 | 30 | 68 | 12 | 5 |
| QCT185-16 | 185 | 16 | 19 | 16 | 34 | 17 | 4 | 16 | 28 | 72 | 12 | 5 |
| QCT185-20 | 185 | 20 | 19 | 18 | 34 | 21 | 4 | 18 | 28 | 76 | 12 | 5 |
| QCT240-10 | 240 | 10 | 21 | 15 | 37.6 | 10.5 | 5 | 15 | 33 | 77 | 14 | 5 |
| QCT240-12 | 240 | 12 | 21 | 15 | 37.6 | 13 | 5 | 15 | 33 | 77 | 14 | 5 |
| QCT240-14 | 240 | 14 | 21 | 15 | 37.6 | 15 | 5 | 15 | 33 | 77 | 14 | 5 |
| QCT240-16 | 240 | 16 | 21 | 19 | 37.6 | 17 | 5 | 19 | 33 | 85 | 14 | 5 |

# Copper Tube Butt Splices

| Part Number | Description | Length (mm) | Outer Diameter (mm) | Max Cable Dia. (mm²) | Pack Qty |
|---|---|---|---|---|---|
| QB1-5 | Copper Butt Splice Terminal 1.5mm² | 12 | 3.7 | 1.8 | 25 |
| QB2-5 | Copper Butt Splice Terminal 2.5mm² | 15 | 4 | 2.3 | 25 |
| QB4-6 | Copper Butt Splice Terminal 4-6mm² | 15 | 5.5 | 3.8 | 25 |
| QB10 | Copper Butt Splice Terminal 10mm² | 20 | 6 | 4.5 | 10 |
| QB16 | Copper Butt Splice Terminal 16mm² | 20 | 6.8 | 5.5 | 10 |
| QB25 | Copper Butt Splice Terminal 25mm² | 32 | 8.8 | 6.8 | 5 |
| QB35 | Copper Butt Splice Terminal 35mm² | 36 | 10.8 | 8.6 | 5 |
| QB50 | Copper Butt Splice Terminal 50mm² | 40 | 12 | 9.6 | 5 |
| QB70 | Copper Butt Splice Terminal 70mm² | 40 | 14.7 | 11.2 | 5 |
| QB95 | Copper Butt Splice Terminal 95mm² | 45 | 17.5 | 13.5 | 5 |
| QB120 | Copper Butt Splice Terminal 120mm² | 45 | 19 | 15 | 5 |
| QB150 | Copper Butt Splice Terminal 150mm² | 55 | 21 | 16.5 | 5 |
| QB185 | Copper Butt Splice Terminal 185mm² | 65 | 23.5 | 19 | 5 |
| QB240 | Copper Butt Splice Terminal 240mm² | 80 | 26 | 21 | 5 |

**Note 1**
Blank terminal palms are available from 10mm² to 240mm².

**Note 2**
When using flexible fine strand or welding cable it may be necessary to select the next larger terminal size, i.e. 70mm² fine strand, select 95mm² terminal.

# Cable Ties

**Unicrimp® Cable Ties are produced on multi-impression tools which mould complete one piece ties with no metal parts.**

They are manufactured from tough durable Nylon 6/6 which has been tested to underwriters laboratory UL94V2. The material is zero halogenated and also has a low smoke and fume capability when compared with materials such as PVC, PP, PE, ABS, POM, ect.

The classified oxygen index at max 28% dry is considered excellent in halogen free and L.S.F. situations.

These specifications include for the performance testing requirements with regard to flammability, tensile strength, vibration, corrosion, etc., and in most cases exceed the recommendations. The ties can be tensioned by hand or by the use of applied tensioning tools.

The colour shade of the standard ties is natural nylon or black, but other colours are available to special order.

All general specification details are incorporated as indicated in Table 'A' and for any additional information please contact our offices.

| Table A | | Test Method |
|---|---|---|
| Material | Nylon 6/6 | |
| Working Temperature Range | -40°C to 85° | |
| UL Flammability Rating | UL94 | V2 |
| Oxygen Index | 25% - 28% | |
| Smoke Density | Flaming 35<br>Non Flaming 13 | |
| Water Absorption (24 hours) | 1.3% | |

| Loop Tensile Strength | (kgs) |
|---|---|
| Miniature | 8.1kgs |
| Intermediate | 18.2kgs |
| Standard | 22.2kgs |
| Light Heavy | 54.5kgs |
| Heavy | 79.4kgs |
| Extra Heavy | 113.5kgs |

## Miniature Range

| Part Number | Colour | Length (mm) | Width (mm) | Bundle Dia. (mm) | Min. Strength (Kg) | Pack Qty |
|---|---|---|---|---|---|---|
| QT80M | Natural | 80 | 2.5 | 2 - 14 | 8.1 | 100 |
| QTB80M | Black | 80 | 2.5 | 2 - 14 | 8.1 | 100 |
| QT100M | Natural | 100 | 2.5 | 3 - 20 | 8.1 | 100 |
| QTB100M | Black | 100 | 2.5 | 3 - 20 | 8.1 | 100 |
| QTBL100M | Blue | 100 | 2.5 | 3 - 20 | 8.1 | 100 |
| QTG100M | Green | 100 | 2.5 | 3 - 20 | 8.1 | 100 |
| QTR100M | Red | 100 | 2.5 | 3 - 20 | 8.1 | 100 |
| QTY100M | Yellow | 100 | 2.5 | 3 - 20 | 8.1 | 100 |
| QT120M | Natural | 120 | 2.5 | 3 - 25 | 8.1 | 100 |
| QTB120M | Black | 120 | 2.5 | 3 - 25 | 8.1 | 100 |
| QT165M | Natural | 165 | 2.5 | 4 - 39 | 8.1 | 100 |
| QTB165M | Black | 165 | 2.5 | 4 - 39 | 8.1 | 100 |
| QT200M | Natural | 200 | 2.5 | 4 - 50 | 8.1 | 100 |
| QTB200M | Black | 200 | 2.5 | 4 - 50 | 8.1 | 100 |

# Standard Range

| Part Number | Colour | Length (mm) | Width (mm) | Bundle Dia. (mm) | Min. Strength (Kg) | Pack Qty |
|---|---|---|---|---|---|---|
| QT120S | Natural | 120 | 4.8 | 6 - 24 | 22.2 | 100 |
| QTB120S | Black | 120 | 4.8 | 6 - 24 | 22.2 | 100 |
| QT160S | Natural | 160 | 4.8 | 5 - 35 | 22.2 | 100 |
| QTB160S | Black | 160 | 4.8 | 5 - 35 | 22.2 | 100 |
| QT190S | Natural | 190 | 4.8 | 4 - 45 | 22.2 | 100 |
| QTB190S | Black | 190 | 4.8 | 4 - 45 | 22.2 | 100 |
| QT200S | Natural | 200 | 4.8 | 5 - 47 | 22.2 | 100 |
| QTB200S | Black | 200 | 4.8 | 5 - 47 | 22.2 | 100 |
| QTBL200S | Blue | 200 | 4.8 | 5 - 47 | 22.2 | 100 |
| QTG200S | Green | 200 | 4.8 | 5 - 47 | 22.2 | 100 |
| QTR200S | Red | 200 | 4.8 | 5 - 47 | 22.2 | 100 |
| QTY200S | Yellow | 200 | 4.8 | 5 - 47 | 22.2 | 100 |
| QT250S | Natural | 250 | 4.8 | 5 - 62 | 22.2 | 100 |
| QTB250S | Black | 250 | 4.8 | 5 - 62 | 22.2 | 100 |
| QT300S | Natural | 300 | 4.8 | 7 - 76 | 22.2 | 100 |
| QTB300S | Black | 300 | 4.8 | 7 - 76 | 22.2 | 100 |
| QTBL300S | Blue | 300 | 4.8 | 7 - 76 | 22.2 | 100 |
| QTG300S | Green | 300 | 4.8 | 7 - 76 | 22.2 | 100 |
| QTR300S | Red | 300 | 4.8 | 7 - 76 | 22.2 | 100 |
| QTS300S | Silver | 300 | 4.8 | 7 - 76 | 22.2 | 100 |
| QTY300S | Yellow | 300 | 4.8 | 7 - 76 | 22.2 | 100 |
| QT370S | Natural | 370 | 4.8 | 7 - 96 | 22.2 | 100 |
| QTB370S | Black | 370 | 4.8 | 7 - 96 | 22.2 | 100 |
| QTBL370S | Blue | 370 | 4.8 | 7 - 96 | 22.2 | 100 |
| QTG370S | Green | 370 | 4.8 | 7 - 96 | 22.2 | 100 |
| QTR370S | Red | 370 | 4.8 | 7 - 96 | 22.2 | 100 |
| QTS370S | Silver | 370 | 4.8 | 7 - 96 | 22.2 | 100 |
| QTY370S | Yellow | 370 | 4.8 | 7 - 96 | 22.2 | 100 |
| QT430S | Natural | 430 | 4.8 | 7 - 115 | 22.2 | 100 |
| QTB430S | Black | 430 | 4.8 | 7 - 115 | 22.2 | 100 |

# Metal Content Range

| Part Number | Colour | Length (mm) | Width (mm) | Bundle Dia. (mm) | Min. Strength (Kg) | Pack Qty |
|---|---|---|---|---|---|---|
| QMCTBL150I | Blue | 150 | 3.6 | 3 - 33 | 11 | 100 |
| QMCTBL200S | Blue | 200 | 4.6 | 5 - 47 | 15 | 100 |
| QMCTBL280S | Blue | 280 | 4.8 | 7 - 70 | 15 | 100 |
| QMCTBL385S | Blue | 385 | 4.8 | 7 - 101 | 15 | 100 |

# Intermediate Range

| Part Number | Colour | Length (mm) | Width (mm) | Bundle Dia. (mm) | Min. Strength (Kg) | Pack Qty |
|---|---|---|---|---|---|---|
| QT150I | Natural | 150 | 3.6 | 3 - 33 | 18.2 | 100 |
| QTB150I | Black | 150 | 3.6 | 3 - 33 | 18.2 | 100 |
| QTY150I | Yellow | 150 | 3.6 | 3 - 33 | 18.2 | 100 |
| QTBL150I | Blue | 150 | 3.6 | 3 - 33 | 18.2 | 100 |
| QTG150I | Green | 150 | 3.6 | 3 - 33 | 18.2 | 100 |
| QTR150I | Red | 150 | 3.6 | 3 - 33 | 18.2 | 100 |
| QT200I | Natural | 200 | 3.6 | 5 - 47 | 18.2 | 100 |
| QTB200I | Black | 200 | 3.6 | 5 - 47 | 18.2 | 100 |
| QT290I | Natural | 290 | 3.6 | 7 - 75 | 18.2 | 100 |
| QTB290I | Black | 290 | 3.6 | 7 - 75 | 18.2 | 100 |
| QT370I | Natural | 370 | 3.6 | 7 - 96 | 18.2 | 100 |
| QTB370I | Black | 370 | 3.6 | 7 - 96 | 18.2 | 100 |

# Extra Wide Ties

The Unicrimp® range of heavy duty cable ties are designed for applications that require combined high strength fixing and a positive locking capability. They are particularly suitable in difficult situations frequently found in Petro Chemical or Marine Industries.

They are available in two colours, natural or black. See Table A (page 17) for full specification of nylon material.

# Light Heavy Range

| Part Number | Colour | Length (mm) | Width (mm) | Bundle Dia. (mm) | Min. Strength (Kg) | Pack Qty |
|---|---|---|---|---|---|---|
| QT150LH | Natural | 150 | 7.6 | 5 - 29 | 54.5 | 100 |
| QTB150LH | Black | 150 | 7.6 | 5 - 29 | 54.5 | 100 |
| QT200LH | Natural | 200 | 7.6 | 7 - 47 | 54.5 | 100 |
| QTB200LH | Black | 200 | 7.6 | 7 - 47 | 54.5 | 100 |
| QT300LH | Natural | 300 | 7.6 | 8 - 73 | 54.5 | 100 |
| QTB300LH | Black | 300 | 7.6 | 8 - 73 | 54.5 | 100 |
| QT370LH | Natural | 370 | 7.6 | 8 - 94 | 54.5 | 100 |
| QTB370LH | Black | 370 | 7.6 | 8 - 94 | 54.5 | 100 |

# Heavy Range

| Part Number | Colour | Length (mm) | Width (mm) | Bundle Dia. (mm) | Min. Strength (Kg) | Pack Qty |
|---|---|---|---|---|---|---|
| QT450H | Natural | 450 | 8 | 11 - 117 | 62 | 100 |
| QTB450H | Black | 450 | 8 | 11 - 117 | 62 | 100 |
| QT550H | Natural | 550 | 8 | 15 - 147 | 62 | 100 |
| QTB550H | Black | 550 | 8 | 15 - 147 | 62 | 100 |
| QT760H | Natural | 760 | 9 | 12 - 208 | 79.4 | 100 |
| QTB760H | Black | 760 | 9 | 12 - 208 | 79.4 | 100 |
| QT810H | Natural | 810 | 9 | 12 - 223 | 79.4 | 100 |
| QTB810H | Black | 810 | 9 | 12 - 223 | 79.4 | 100 |

# Extra Heavy Range

| Part Number | Colour | Length (mm) | Width (mm) | Bundle Dia. (mm) | Min. Strength (Kg) | Pack Qty |
|---|---|---|---|---|---|---|
| QT230XH | Natural | 230 | 12.7 | 15 - 53 | 113.5 | 100 |
| QTB230XH | Black | 230 | 12.7 | 15 - 53 | 113.5 | 100 |
| QT280XH | Natural | 280 | 12.7 | 15 - 67 | 113.5 | 100 |
| QTB280XH | Black | 280 | 12.7 | 15 - 67 | 113.5 | 100 |
| QT380XH | Natural | 380 | 12.7 | 15 - 96 | 113.5 | 100 |
| QTB380XH | Black | 380 | 12.7 | 15 - 96 | 113.5 | 100 |
| QT480XH | Natural | 480 | 12.7 | 15 - 126 | 113.5 | 100 |
| QTB480XH | Black | 480 | 12.7 | 15 - 126 | 113.5 | 100 |
| QT550XH | Natural | 550 | 12.7 | 12 - 146 | 113.5 | 100 |
| QTB550XH | Black | 550 | 12.7 | 12 - 146 | 113.5 | 100 |
| QT730XH | Natural | 730 | 12.7 | 15 - 214 | 113.5 | 100 |
| QTB730XH | Black | 730 | 12.7 | 15 - 214 | 113.5 | 100 |
| QT880XH | Natural | 880 | 12.7 | 15 - 242 | 113.5 | 100 |
| QTB880XH | Black | 880 | 12.7 | 15 - 242 | 113.5 | 100 |
| QT1030XH | Natural | 1030 | 12.7 | 15 - 285 | 113.5 | 100 |
| QTB1030XH | Black | 1030 | 12.7 | 15 - 285 | 113.5 | 100 |

# Releasable Ties

Releasable cable ties, designed to facilitate routine changes and repairs. Press tab for easy removal. Mountable head cable ties used to secure bundled harnesses to panels. They may also be pre mounted to existing installation before final assembly.

See 'Table A' on page 17 for full specification of nylon material.

| Part Number | Colour | Length (mm) | Width (mm) | Bundle Dia. (mm) | Min. Strength (Kg) | Pack Qty |
|---|---|---|---|---|---|---|
| QT200RE | Natural | 200 | 4.8 | 4 - 50 | 22.2 | 100 |
| QTB200RE | Black | 200 | 4.8 | 5 - 50 | 22.2 | 100 |
| QT300RE | Natural | 300 | 4.8 | 7 - 83 | 22.2 | 100 |
| QTB300RE | Black | 300 | 4.8 | 7 - 83 | 22.2 | 100 |
| QT370RE | Natural | 370 | 4.8 | 7 - 96 | 22.2 | 100 |
| QTB370RE | Black | 370 | 4.8 | 7 - 96 | 22.2 | 100 |

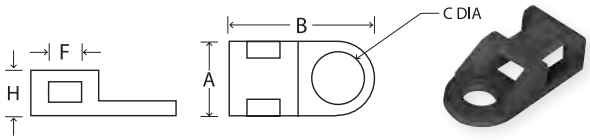
# Accessories

Unicrimp® accessories are designed to incorporate the majority of features applicable to the positioning of cable ties.

Self adhesive bases, cradles, eyelets and clamps are supplied and manufactured from A.B.S. or Nylon 6/6 material.

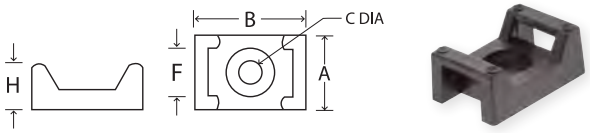
In case of self adhesive components the adhesive pads themselves have a base synthetic rubber foundation which when applied gives a high permanent bond to most surfaces. On all applications a dual option of bolt fixings is designed into the base as a preference if required.

## Eyelets



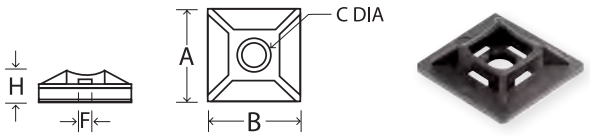

| Part Number | Colour | A (mm) | B (mm) | C (mm) | H (mm) | F - Cable Tie Max Width (mm) | Pack Qty |
|---|---|---|---|---|---|---|---|
| QTE | ○ Natural | 9.5 | 19 | 4.3 | 5 | 5 | 100 |
| QTBE | ● Black | 9.5 | 19 | 4.3 | 5 | 5 | 100 |

## Cradles




| Part Number | Colour | A (mm) | B (mm) | C (mm) | H (mm) | F - Cable Tie Max Width (mm) | Pack Qty |
|---|---|---|---|---|---|---|---|
| QTC | ○ Natural | 16 | 23 | 5 | 9.8 | 9 | 100 |
| QTBC | ● Black | 16 | 23 | 5 | 9.8 | 9 | 100 |

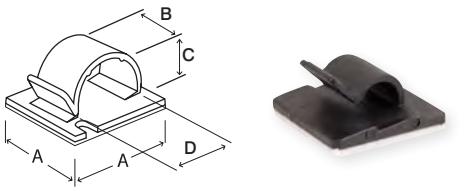
## 2 Way Cable Tie Base




| Part Number | Colour | A (mm) | B (mm) | C (mm) | H (mm) | F - Cable Tie Max Width (mm) | Pack Qty |
|---|---|---|---|---|---|---|---|
| QTB12 | ○ Natural | 18.9 | 18.9 | 4.8 | 4.6 | 4.2 | 100 |
| QTB22 | ○ Natural | 26.3 | 26.3 | 5 | 6 | 5.6 | 100 |
| QTBB12 | ● Black | 18.9 | 18.9 | 4.8 | 4.6 | 4.2 | 100 |
| QTBB22 | ● Black | 26.3 | 26.3 | 5 | 6 | 5.6 | 100 |

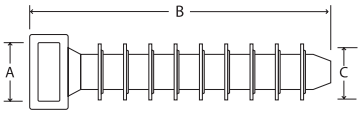
## Mounts

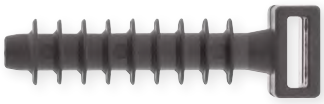
- Designed for heavy duty harnessing applications
- Self adhesive
- Provides fast, strong mounting system for securing cables




| Part Number | Colour | A (mm) | B (mm) | C (mm) | D (mm) | Pack Qty |
|---|---|---|---|---|---|---|
| QTM5 | ○ Natural | 19 | 10.4 | 4.9 | 4.9 | 100 |
| QTM11 | ○ Natural | 26.8 | 12.3 | 8.3 | 11 | 100 |
| QTM17 | ○ Natural | 25.5 | 15.8 | 13.3 | 17 | 100 |
| QTMB5 | ● Black | 19 | 10.4 | 4.9 | 4.9 | 100 |
| QTMB11 | ● Black | 26.8 | 12.3 | 8.3 | 11 | 100 |
| QTMB17 | ● Black | 25.5 | 15.8 | 13.3 | 17 | 100 |

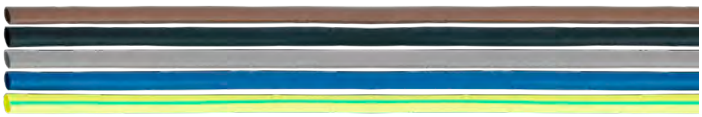
# Wall Plug Mount



| Part Number | Description | A | B | C (Drill Dia.) | Pack Qty |
|---|---|---|---|---|---|
| QMM9 | Wall Plugs Mounts Masonry Fixings For Cable Ties | 9.4 | 41.8 | 8.5 | 100 |

# Heat Shrink



| Part Number | Description | Inner Diameter (mm) | Length (mm) | Pack Qty |
|---|---|---|---|---|
| QHS4MP225 | Multi-Colour Heat Shrink Pack 4.8mm X 225mm | 4.8 | 225 | 1 |
| QHS6MP225 | Multi-Colour Heat Shrink Pack 6.4mm X 225mm | 6.4 | 225 | 1 |
| QHS9MP225 | Multi-Colour Heat Shrink Pack 9.5mm X 225mm | 9.5 | 225 | 1 |
| QHS12MP225 | Multi-Colour Heat Shrink Pack 12.7mm X 225mm | 12.7 | 225 | 1 |
| QHS19MP225 | Multi-Colour Heat Shrink Pack 19.1mm X 225mm | 19.1 | 225 | 1 |

# Sleeving

Service Temperature Range: -25°C - +70°C. Flammability: Self extinguishing in 30 seconds.

| Part Number | Description | Inner Diameter (mm) | Colour | Pack Qty |
|---|---|---|---|---|
| QES2 | PVC Sleeving 2mm x 100m | 2 | Green/Yellow | 1 |
| QES2BL | PVC Sleeving 2mm x 100m | 2 | Blue | 1 |
| QES2BR | PVC Sleeving 2mm x 100m | 2 | Brown | 1 |
| QES2BK | PVC Sleeving 2mm x 100m | 2 | Black | 1 |
| QES2GY | PVC Sleeving 2mm x 100m | 2 | Grey | 1 |
| QES3 | PVC Sleeving 3mm x 100m | 3 | Green/Yellow | 1 |
| QES3BL | PVC Sleeving 3mm x 100m | 3 | Blue | 1 |
| QES3BR | PVC Sleeving 3mm x 100m | 3 | Brown | 1 |
| QES3BK | PVC Sleeving 3mm x 100m | 3 | Black | 1 |
| QES3GY | PVC Sleeving 3mm x 100m | 3 | Grey | 1 |
| QES4 | PVC Sleeving 4mm x 100m | 4 | Green/Yellow | 1 |
| QES4BL | PVC Sleeving 4mm x 100m | 4 | Blue | 1 |
| QES4BR | PVC Sleeving 4mm x 100m | 4 | Brown | 1 |
| QES4BK | PVC Sleeving 4mm x 100m | 4 | Black | 1 |
| QES4GY | PVC Sleeving 4mm x 100m | 4 | Grey | 1 |
| QES5 | PVC Sleeving 5mm x 100m | 5 | Green/Yellow | 1 |

# CXT Cable Gland Size Chart - CY Cable

| Part Number | Cable Size ($mm^2$) | NOM Dia. (mm) | Number of Cores |
|---|---|---|---|
| 20S | 0.5 | 7.1 | 2 |
| 20S | 0.5 | 7.6 | 3 |
| 20S | 0.5 | 8 | 4 |
| 20S | 0.5 | 8.5 | 5 |
| 20S | 0.5 | 9.3 | 7 |
| 20 | 0.5 | 11.5 | 12 |
| 20 | 0.5 | 13.4 | 18 |
| 25 | 0.5 | 15.8 | 25 |
| 20S | 0.75 | 7.6 | 2 |
| 20S | 0.75 | 7.8 | 3 |
| 20S | 0.75 | 8.3 | 4 |
| 20S | 0.75 | 8.9 | 5 |
| 20S | 0.75 | 9.7 | 7 |
| 20 | 0.75 | 12.2 | 12 |
| 25 | 0.75 | 13.6 | 18 |
| 25 | 0.75 | 16.7 | 25 |
| 20S | 1.0 | 8.2 | 2 |
| 20S | 1.0 | 8.4 | 3 |
| 20S | 1.0 | 8.8 | 4 |
| 20S | 1.0 | 9.3 | 5 |
| 20S | 1.0 | 9.9 | 7 |
| 20 | 1.0 | 12.5 | 12 |
| 25 | 1.0 | 14.5 | 18 |
| 25 | 1.0 | 17.9 | 25 |
| 20S | 1.5 | 8.5 | 2 |
| 20S | 1.5 | 8.7 | 3 |
| 20S | 1.5 | 9.3 | 4 |
| 20S | 1.5 | 9.9 | 5 |
| 20 | 1.5 | 12.4 | 7 |
| 25 | 1.5 | 13.7 | 12 |
| 25 | 1.5 | 16.8 | 18 |
| 32 | 1.5 | 19.8 | 25 |
| 20S | 2.5 | 9.8 | 2 |
| 20S | 2.5 | 10.1 | 3 |
| 20S | 2.5 | 10.9 | 4 |
| 20 | 2.5 | 11.8 | 5 |
| 20 | 2.5 | 13 | 7 |
| 25 | 2.5 | 17.3 | 12 |
| 32 | 2.5 | 19.8 | 18 |
| 20 | 4.0 | 11.7 | 3 |
| 20 | 4.0 | 12.6 | 4 |
| 25 | 4.0 | 13.9 | 5 |
| 25 | 4.0 | 15.7 | 7 |
| 25 | 6.0 | 14.1 | 3 |
| 25 | 6.0 | 14.8 | 4 |
| 25 | 6.0 | 16.9 | 5 |
| 25 | 6.0 | 18.4 | 7 |
| 25 | 10 | 18.2 | 4 |
| 32 | 10 | 19.8 | 5 |
| 32 | 10 | 22.2 | 7 |
| 32 | 16 | 21.8 | 4 |
| 32 | 16 | 23.5 | 5 |
| 32 | 25 | 25.3 | 4 |
| 40 | 25 | 28.9 | 5 |
| 40 | 35 | 29.7 | 4 |
| 50 | 50 | 34.9 | 4 |

Due to cable diameter variances between manufacturers, we strongly advise the cable diameter is checked where possible, prior to purchasing the products.

# CXT Cable Gland Size Chart - SY Cable

| Part Number | Cable Size ($mm^2$) | NOM Dia. (mm) | Number of Cores |
|---|---|---|---|
| 20S | 0.5 | 7.4 | 3 |
| 20S | 0.5 | 7.9 | 4 |
| 20S | 0.5 | 8.6 | 5 |
| 20S | 0.5 | 9.2 | 7 |
| 20 | 0.5 | 11.6 | 12 |
| 20 | 0.5 | 13.4 | 18 |
| 25 | 0.5 | 15.5 | 25 |
| 20S | 0.75 | 7.2 | 2 |
| 20S | 0.75 | 7.7 | 3 |
| 20S | 0.75 | 8.3 | 4 |
| 20S | 0.75 | 8.9 | 5 |
| 20S | 0.75 | 9.7 | 7 |
| 20 | 0.75 | 12.1 | 12 |
| 25 | 0.75 | 15.3 | 18 |
| 25 | 0.75 | 16.8 | 25 |
| 20S | 1.0 | 7.6 | 2 |
| 20S | 1.0 | 8.1 | 3 |
| 20S | 1.0 | 8.6 | 4 |
| 20S | 1.0 | 9.7 | 5 |
| 20S | 1.0 | 10.5 | 7 |
| 20 | 1.0 | 13.4 | 12 |
| 25 | 1.0 | 15.6 | 18 |
| 25 | 1.0 | 18.1 | 25 |

| Part Number | Cable Size ($mm^2$) | NOM Dia. (mm) | Number of Cores |
|---|---|---|---|
| 20S | 1.5 | 8.6 | 2 |
| 20S | 1.5 | 9.1 | 3 |
| 20S | 1.5 | 10.1 | 4 |
| 20S | 1.5 | 10.6 | 5 |
| 20 | 1.5 | 11.5 | 7 |
| 25 | 1.5 | 15.1 | 12 |
| 25 | 1.5 | 17.4 | 18 |
| 20S | 2.5 | 10.4 | 3 |
| 20 | 2.5 | 11.3 | 4 |
| 20 | 2.5 | 12.9 | 5 |
| 25 | 2.5 | 13.9 | 7 |
| 25 | 4.0 | 13.5 | 4 |
| 25 | 4.0 | 14.8 | 5 |
| 25 | 6.0 | 15.9 | 4 |
| 25 | 6.0 | 17.4 | 5 |
| 32 | 10 | 19.1 | 4 |
| 32 | 10 | 22.6 | 5 |
| 32 | 16 | 22.3 | 4 |
| 50 | 25 | 32.5 | 4 |
| 50 | 35 | 35.6 | 4 |
| 50 | 50 | 38.7 | 4 |
| 50 | 70 | 43.8 | 4 |

Due to cable diameter variances between manufacturers, we strongly advise the cable diameter is checked where possible, prior to purchasing the products.

# CXT Brass Glands

- Tested and approved to BS6121 Pt1
- Supplied in kit form with shrouds, earth tags & steel locknuts
- Suitable for use with all types of screened flexible wire braid/wire braid armoured cables
- Ingress Protection: IP66

| Part Number | Description | Gland Size (mm) | Thread Length (mm) | Max Outer Cable Dia. (mm) | Max Inner Cable Dia. (mm) | Armour Wire Dia. (mm) | Pack Qty |
|---|---|---|---|---|---|---|---|
| QCXT20S | CXT Brass Gland Pack 20mm Small | 20 | 10 | 11.5 | 8 | 0.15/0.35 | 2 |
| QCXT20 | CXT Brass Gland Pack 20mm | 20 | 10 | 13.5 | 11 | 0.15/0.50 | 2 |
| QCXT25 | CXT Brass Gland Pack 25mm | 25 | 10 | 19.5 | 16 | 0.15/0.50 | 2 |
| QCXT32 | CXT Brass Gland Pack 32mm | 32 | 10 | 19.5 | 16 | 0.15/0.55 | 2 |
| QCXT40 | CXT Brass Gland Pack 40mm | 40 | 15 | 29 | 23 | 0.20/0.60 | 1 |
| QCXT50 | CXT Brass Gland Pack 50mm | 50 | 15 | 37 | 31.5 | 0.30/0.80 | 1 |
| QCXT63 | CXT Brass Gland Pack 63mm | 63 | 15 | 50 | 42.5 | 0.30/0.80 | 1 |

# Cable Gland Selection Chart

The gland sizes recommended in this chart are for guidance only and are based on cables manufactured to BS 5467. Actual cable dimensions must be used for gland selection.

| Cable Size | Single Core | 2 Core | 3 Core | 4 Core | Number Of Cores | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 5 | 7 | 10 | 12 | 19 | 27 | 37 | 48 |
| 1.5 | - | 20S | 20S | 20S | 20S | 20 | 20 | 25 | 25 | 32 | 32 | 32 |
| 2.5 | - | 20S | 20S | 20S | 20 | 20 | 25 | 25 | 25 | 32 | 40 | 40 |
| 4.0 | - | 20S | 20S | 20 | 20 | 20 | 25 | 25 | 32 | 40 | 40 | 50 |
| 6.0 | - | 20 | 20 | 20 | 20 | | | | | | | |
| 10.0 | - | 20 | 20 | 25 | 25 | | | | | | | |
| 16.0 | - | 25 | 25 | 25 | 25 | | | | | | | |
| 25.0 | - | 25 | 32 | 32 | 32 | | | | | | | |
| 35.0 | - | 32 | 32 | 32 | 40 | | | | | | | |
| 50.0 | 20 | 25 | 32 | 32 | 50 | | | | | | | |
| 70.0 | 20 | 32 | 32 | 40 | 50 | | | | | | | |
| 95.0 | 25 | 32 | 40 | 50S | | | | | | | | |
| 120 | 25 | 40 | 50S | 50 | | | | | | | | |
| 150 | 32 | 40 | 50S | 50 | | | | | | | | |
| 185 | 32 | 50S | 50 | 63S | | | | | | | | |
| 240 | 32 | 50 | 63S | 63 | | | | | | | | |
| 300 | 40 | 63S | 63 | 75S | | | | | | | | |
| 400 | 40 | 63S | 75S | 75 | | | | | | | | |

Due to cable diameter variances between manufacturers, we strongly advise the cable diameter is checked where possible, prior to purchasing the products.

# E1W Industrial Brass Glands

- Tested and approved to BS 6121 Pt1
- Supplied in kit form with Shrouds, Earth Tags & Steel Locknuts

| Part Number | Description | Gland Size (mm) | Thread Length (mm) | Max Outer Cable Dia. (mm) | Max Inner Cable Dia. (mm) | Armour Wire Dia.(mm) | Pack Qty |
|---|---|---|---|---|---|---|---|
| QAE1W20S | E1W Brass Gland Pack 20mm Small | 20 | 10 | 11.6 | 11.4/15.9 | 0.9/1.25 | 2 |
| QAE1W20 | E1W Brass Gland Pack 20mm | 20 | 10 | 13.9 | 15/20.9 | 0.9/1.25 | 2 |
| QAE1W25 | E1W Brass Gland Pack 25mm | 25 | 10 | 19.9 | 20.3/27.4 | 1.25/1.6 | 2 |
| QAE1W32 | E1W Brass Gland Pack 32mm | 32 | 10 | 26.2 | 26/33.9 | 1.6/2 | 2 |

# 2 Part BW Industrial Brass Glands

- Tested and approved to BS6121 Pt1
- Manufactured in cast brass to BS2874
- Supplied in kit form with Shrouds, Earth Tags & Steel Locknuts
- Standard 1.5mm Thread Pitch

| Part Number | Description | Gland Size (mm) | Thread Length (mm) | Max Outer Cable Dia. (mm) | Max Inner Cable Dia. (mm) | Armour Wire Dia.(mm) | Pack Qty |
|---|---|---|---|---|---|---|---|
| QBW20S | BW Brass Gland Pack 20mm Small | 20 | 10 | 16.1 | 11.6 | 0.9/1.25 | 2 |
| QBW20 | BW Brass Gland Pack 20mm | 20 | 10 | 21.1 | 13.9 | 0.9/1.25 | 2 |
| QBW25 | BW Brass Gland Pack 25mm | 25 | 10 | 27.4 | 19.9 | 1.25/1.6 | 2 |
| QBW32 | BW Brass Gland Pack 32mm | 32 | 10 | 34.4 | 26.2 | 1.6/2.0 | 2 |
| QBW40 | BW Brass Gland Pack 40mm | 40 | 15 | 42.4 | 32.1 | 1.6/2.0 | 1 |
| QBW50S | BW Brass Gland Pack 50mm Small | 50 | 15 | 50.1 | 38.1 | 2.0/2.5 | 1 |
| QBW50 | BW Brass Gland Pack 50mm | 50 | 15 | 55.7 | 44 | 2.0/2.5 | 1 |
| QBW63S | BW Brass Gland Pack 63mm Small | 63 | 15 | 62.4 | 50 | 2.5 | 1 |
| QBW63 | BW Brass Gland Pack 63mm | 63 | 15 | 68.2 | 55.9 | 2.5 | 1 |
| QBW20S-LSF | BW Brass Gland LSF Pack 20mm Small | 20 | 10 | 16.1 | 11.6 | 0.9/1.25 | 2 |
| QBW20-LSF | BW Brass Gland LSF Pack 20mm | 20 | 10 | 21.1 | 13.9 | 0.9/1.25 | 2 |
| QBW25-LSF | BW Brass Gland LSF Pack 25mm | 25 | 10 | 27.4 | 19.9 | 1.25/1.6 | 2 |
| QBW32-LSF | BW Brass Gland LSF Pack 32mm | 32 | 10 | 34.4 | 26.2 | 1.6/2.0 | 2 |
| QBW40-LSF | BW Brass Gland LSF Pack 40mm | 40 | 15 | 42.4 | 32.1 | 1.6/2.0 | 1 |
| QBW50-LSF | BW Brass Gland LSF Pack 50mm | 50 | 15 | 55.7 | 44 | 2.0/2.5 | 1 |
| QBW63-LSF | BW Brass Gland LSF Pack 63mm | 63 | 15 | 68.2 | 55.9 | 2.5 | 1 |

# 3 Part BW Industrial Brass Glands

- Tested and approved to BS6121 Pt1
- Manufactured in cast brass to BS2874

| Part Number | Description | Gland Size (mm) | Max Inner Cable Dia. (mm) | Max Outer Cable Dia. (mm) | Armour Wire Dia. (mm) | Pack Qty |
|---|---|---|---|---|---|---|
| QBW20SS | BW Brass Gland Pack 20mm S/Small | 20 | 9 | 13.5 | 0.9 | 2 |
| QBW20S-3 | BW Brass Gland Pack 20mm Small | 20 | 12.5 | 16.5 | 0.9/1.25 | 2 |
| QBW20-3 | BW Brass Gland Pack 20mm | 20 | 14.5 | 20.5 | 0.9/1.25 | 2 |
| QBW25-3 | BW Brass Gland Pack 25mm | 25 | 20 | 26.5 | 1.25/1.6 | 2 |
| QBW32-3 | BW Brass Gland Pack 32mm | 32 | 26.3 | 33.5 | 1.6/2 | 2 |
| QBW40-3 | BW Brass Gland Pack 40mm | 40 | 33 | 41.5 | 1.6/2 | 1 |

# 3 Part CW Industrial Brass Glands

- Tested and approved to BS6121 Pt1
- Manufactured in cast brass to BS2874
- Supplied with Shrouds, Earth Tags & Steel Locknuts
- Standard 1.5mm Thread Pitch

**PLEASE REFER TO PAGE 25 FOR THE CABLE GLAND SELECTION CHART**

| Part Number | Description | Gland Size (mm) | Thread Length (mm) | Max Outer Cable Dia. (mm) | Max Inner Cable Dia. (mm) | Armour Wire Dia.(mm) | Pack Qty |
|---|---|---|---|---|---|---|---|
| QCW20S | CW Brass Gland Pack 20mm Small | 20 | 10 | 11.4/15.9 | 11.6 | 0.9/1.25 | 2 |
| QCW20 | CW Brass Gland Pack 20mm | 20 | 10 | 15/20.9 | 13.9 | 0.9/1.25 | 2 |
| QCW25 | CW Brass Gland Pack 25mm | 25 | 10 | 20.3/27.4 | 19.9 | 1.25/1.6 | 2 |
| QCW32 | CW Brass Gland Pack 32mm | 32 | 10 | 26/33.9 | 26.2 | 1.6/2 | 2 |
| QCW40 | CW Brass Gland Pack 40mm | 40 | 15 | 31/40.4 | 32.1 | 1.6/2 | 1 |
| QCW50S | CW Brass Gland Pack 50mm Small | 50 | 15 | 36.5/46.7 | 38.1 | 2/2.5 | 1 |
| QCW50 | CW Brass Gland Pack 50mm | 50 | 15 | 43/53.1 | 44 | 2/2.5 | 1 |
| QCW63S | CW Brass Gland Pack 63mm Small | 63 | 15 | 48.9/59.4 | 50 | 2.5 | 1 |
| QCW63 | CW Brass Gland Pack 63mm | 63 | 15 | 58/65.9 | 55.9 | 2.5 | 1 |
| QCW75S | CW Brass Gland Pack 75mm Small | 75 | 15 | 60.6/72.1 | 61.9 | 2.5 | 1 |
| QCW75 | CW Brass Gland Pack 75mm | 75 | 15 | 64.9/78.5 | 67.9 | 2.5/3 | 1 |
| QCW20S-LSF | CW Brass Gland LSF Pack 20mm Small | 20 | 10 | 11.4/15.9 | 11.6 | 0.9/1.25 | 2 |
| QCW20-LSF | CW Brass Gland LSF Pack 20mm | 20 | 10 | 15/20.9 | 13.9 | 0.9/1.25 | 2 |
| QCW25-LSF | CW Brass Gland LSF Pack 25mm | 25 | 10 | 20.3/27.4 | 19.9 | 1.25/1.6 | 2 |
| QCW32-LSF | CW Brass Gland LSF Pack 32mm | 32 | 10 | 26/33.9 | 26.2 | 1.6/2 | 2 |
| QCW40-LSF | CW Brass Gland LSF Pack 40mm | 40 | 15 | 31/40.4 | 32.1 | 1.6/2 | 1 |
| QCW50-LSF | CW Brass Gland LSF Pack 50mm | 50 | 15 | 43/53.1 | 44 | 2/2.5 | 1 |
| QCW63-LSF | CW Brass Gland LSF Pack 63mm | 63 | 15 | 58/65.9 | 55.9 | 2.5 | 1 |

# 4 Part CW Industrial Brass Glands

- Tested and approved to BS6121 Pt1
- Manufactured in cast brass to BS2874
- Allows for slight variance in cable size

| Part Number | Description | Gland Size (mm) | Max Inner Cable Dia. (mm) | Max Outer Cable Dia. (mm) | Armour Wire Dia. (mm) | Pack Qty |
|---|---|---|---|---|---|---|
| QCW20SS | CW Brass Gland Pack 20mm S/Small | 20 | 9 | 12.5 | 0.9 | 2 |
| QCW20S-4 | CW Brass Gland Pack 20mm Small | 20 | 12.5 | 15.5 | 0.9/1.25 | 2 |
| QCW20-4 | CW Brass Gland Pack 20mm | 20 | 14 | 20.5 | 0.9/1.25 | 2 |
| QCW25-4 | CW Brass Gland Pack 25mm | 25 | 20 | 26.5 | 1.25/1.6 | 2 |
| QCW32-4 | CW Brass Gland Pack 32mm | 32 | 26.3 | 33.5 | 1.6/2 | 2 |
| QCW40-4 | CW Brass Gland Pack 40mm | 40 | 33 | 40 | 1.6/2 | 1 |

# Meter Tail Glands

| Part Number | Description | Thread Diameter (mm) | Entry Thread (mm) | Spanner Size (mm) | Tails Diameter ($mm^2$) | Pack Qty |
|---|---|---|---|---|---|---|
| QCGM32TPW | White Nylon 32mm Meter Tail Glands With Plug | 32 | 14.7 | 42 | Line & Neutral: 25$mm^2$ CPC: 16$mm^2$ | 1 |
| QCGM40TPW | White Nylon 40mm Meter Tail Glands With Plug | 40 | 18.4 | 49 | Line & Neutral: 25$mm^2$ CPC: 16$mm^2$ | 1 |
| QBG32TP | Brass 32mm Meter Tail Glands With Plug | 32 | 8 | 36 | Line & Neutral: 25$mm^2$ CPC: 16$mm^2$ | 1 |
| QBG40TP | Brass 40mm Meter Tail Glands With Plug | 40 | 8 | 46.2 | Line & Neutral: 25$mm^2$ CPC: 16$mm^2$ | 1 |

# Nylon Glands

- Made from Polyamide 6
- IP68 ingress protection
- Includes locknut & washer

| Part Number | Description | Colour | Thread Diameter (mm) | Entry Thread (mm) | Spanner Size (mm) | Cable Diameter (mm) | Pack Qty |
|---|---|---|---|---|---|---|---|
| QCGM12BLK | Nylon 12mm Glands | Black | 12 | 7.9 | 15 | 3 - 6.5 | 10 |
| QCGM12GRY | Nylon 12mm Glands | Grey | 12 | 7.9 | 15 | 3 - 6.5 | 10 |
| QCGM12RED | Nylon 12mm Glands | Red | 12 | 7.9 | 15 | 3 - 6.5 | 10 |
| QCGM16BLK | Nylon 16mm Glands | Black | 16 | 15.5 | 22 | 5 - 10 | 10 |
| QCGM16GRY | Nylon 16mm Glands | Grey | 16 | 15.5 | 22 | 5 - 10 | 10 |
| QCGM16RED | Nylon 16mm Glands | Red | 16 | 15.5 | 22 | 5 - 10 | 10 |
| QCGM16WHT | Nylon 16mm Glands | White | 16 | 15.5 | 22 | 5 - 10 | 10 |
| QCGM20AG | Nylon 20mm Glands | Anthracite Grey | 20 | 10 | 24 | 8 - 12 | 10 |
| QCGM20BLK | Nylon 20mm Glands | Black | 20 | 10 | 24 | 8 - 12 | 10 |
| QCGM20GRY | Nylon 20mm Glands | Grey | 20 | 10 | 24 | 8 - 12 | 10 |
| QCGM20LBLK | Nylon 20mm Glands | Black | 20 | 10 | 27 | 10 - 14 | 10 |
| QCGM20LGRY | Nylon 20mm Glands | Grey | 20 | 10 | 27 | 10 - 14 | 10 |
| QCGM20LRED | Nylon 20mm Glands | Red | 20 | 10 | 27 | 10 - 14 | 10 |
| QCGM20LWHT | Nylon 20mm Glands | White | 20 | 10 | 27 | 10 - 14 | 10 |
| QCGM20RED | Nylon 20mm Glands | Red | 20 | 10 | 24 | 8 - 12 | 10 |
| QCGM20WHT | Nylon 20mm Glands | White | 20 | 10 | 24 | 8 - 12 | 10 |
| QCGM25BLK | Nylon 25mm Glands | Black | 25 | 15.2 | 33 | 13 - 18 | 10 |
| QCGM25GRY | Nylon 25mm Glands | Grey | 25 | 15.2 | 33 | 13 - 18 | 10 |
| QCGM25RED | Nylon 25mm Glands | Red | 25 | 15.2 | 33 | 13 - 18 | 10 |
| QCGM25WHT | Nylon 25mm Glands | White | 25 | 15.2 | 33 | 13 - 18 | 10 |
| QCGM32BLK | Nylon 32mm Glands | Black | 32 | 14.7 | 42 | 18 - 25 | 10 |
| QCGM32GRY | Nylon 32mm Glands | Grey | 32 | 14.7 | 42 | 18 - 25 | 10 |
| QCGM32RED | Nylon 32mm Glands | Red | 32 | 14.7 | 42 | 18 - 25 | 10 |
| QCGM32WHT | Nylon 32mm Glands | White | 32 | 14.7 | 42 | 18 - 25 | 10 |
| QCGM40BLK | Nylon 40mm Glands | Black | 40 | 18.4 | 53 | 22 - 32 | 5 |
| QCGM40GRY | Nylon 40mm Glands | Grey | 40 | 18.4 | 53 | 22 - 32 | 5 |
| QCGM40WHT | Nylon 40mm Glands | White | 40 | 18.4 | 53 | 22 - 32 | 5 |
| QCGM50BLK | Nylon 50mm Glands | Black | 50 | 17.8 | 60 | 30 - 38 | 5 |
| QCGM50GRY | Nylon 50mm Glands | Grey | 50 | 17.8 | 60 | 30 - 38 | 5 |
| QCGM50WHT | Nylon 50mm Glands | White | 50 | 17.8 | 60 | 30 - 38 | 5 |
| QCGM63BLK | Nylon 63mm Glands | Black | 63 | 18.5 | 75 | 34 - 44 | 5 |
| QCGM63GRY | Nylon 63mm Glands | Grey | 63 | 18.5 | 75 | 34 - 44 | 5 |
| QCGM63WHT | Nylon 63mm Glands | White | 63 | 18.5 | 75 | 34 - 44 | 5 |

# PVC Tapes

**Tested for:** Thickness, Tensile Elongation, Adhesion, Adhesion to Backing, Flagging, Corrosive Sulphur, Flame Propagation (CAT 2), Plastic to 31/90 (PVCP), Working Temperature up to 70°C.

- Made from self extinguishing flame retardant PVC
- Manufactured to comply with BS EN 60454-3
- Ideal for electrical binding, colour coding and identification

| Part Number | Description | Colour | Length (M) | Width (mm) | Pack Qty |
|---|---|---|---|---|---|
| 1920B | PVC Tape 19mm x 20m Rolls | Black | 20 | 19 | 10 Rolls |
| 1920BL | PVC Tape 19mm x 20m Rolls | Blue | 20 | 19 | 10 Rolls |
| 1920BR | PVC Tape 19mm x 20m Rolls | Brown | 20 | 19 | 10 Rolls |
| 1920GR | PVC Tape 19mm x 20m Rolls | Green | 20 | 19 | 10 Rolls |
| 1920GY | PVC Tape 19mm x 20m Rolls | Grey | 20 | 19 | 10 Rolls |
| 1920R | PVC Tape 19mm x 20m Rolls | Red | 20 | 19 | 10 Rolls |
| 1920W | PVC Tape 19mm x 20m Rolls | White | 20 | 19 | 10 Rolls |
| 1920Y | PVC Tape 19mm x 20m Rolls | Yellow | 20 | 19 | 10 Rolls |
| 1920YG | PVC Tape 19mm x 20m Rolls | Yellow/Green | 20 | 19 | 10 Rolls |
| 1933B | PVC Tape 19mm x 33m Rolls | Black | 33 | 19 | 10 Rolls |
| 1933BL | PVC Tape 19mm x 33m Rolls | Blue | 33 | 19 | 10 Rolls |
| 1933BR | PVC Tape 19mm x 33m Rolls | Brown | 33 | 19 | 10 Rolls |
| 1933GR | PVC Tape 19mm x 33m Rolls | Green | 33 | 19 | 10 Rolls |
| 1933GY | PVC Tape 19mm x 33m Rolls | Grey | 33 | 19 | 10 Rolls |
| 1933R | PVC Tape 19mm x 33m Rolls | Red | 33 | 19 | 10 Rolls |
| 1933W | PVC Tape 19mm x 33m Rolls | White | 33 | 19 | 10 Rolls |
| 1933Y | PVC Tape 19mm x 33m Rolls | Yellow | 33 | 19 | 10 Rolls |
| 1933YG | PVC Tape 19mm x 33m Rolls | Yellow/Green | 33 | 19 | 10 Rolls |
| 1920MX01 | Mixed Phase Colours (10 Pack) (2 x Black, Brown, Blue, Grey, Yellow/Green) | | 20 | 19 | 1 Pack |
| 1920MX02 | Mixed Colours (10 Pack) (2 x Black, Brown, White & 1 x Red, Blue, Yellow, Yellow/Green) | | 20 | 19 | 1 Pack |

# Self-Amalgamating Tape

| Part Number | Description | Length (M) | Width (mm) | Pack Qty |
|---|---|---|---|---|
| 1910BSA | Black Self-Amalgamating Tape 19mm x 10m Roll | 10 | 19 | 1 |

# Specialist Tapes

| Part Number | Description | Length (M) | Width (mm) | Pack Qty |
|---|---|---|---|---|
| QDT50X50 | Duct Tape 50mm x 50m Roll | 50 | 50 | 1 Roll |
| QUGT100X200 | Underground Warning Tape 100mm x 200m Roll | 200 | 100 | 1 Roll |

# Push in Connectors

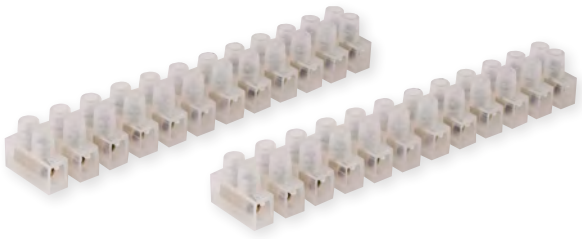
Terminal Capacity: 0.5mm²-2.5mm² Stranded or Solid Core
Operating Temperature (Max.): 110°C

| Part Number | Description | Colour | Pack Qty |
|---|---|---|---|
| QP2242R2 | 24A 450V 2 Port Push In Wire Connectors | Red Transparent | 100 |
| QP3242O2 | 24A 450V 3 Port Push In Wire Connectors | Orange Transparent | 100 |
| QP4242Y2 | 24A 450V 4 Port Push In Wire Connectors | Yellow Transparent | 100 |
| QP5242T2 | 24A 450V 5 Port Push In Wire Connectors | Transparent | 100 |
| QP6242P2 | 24A 450V 6 Port Push In Wire Connectors | Purple Transparent | 100 |
| QP8242B2 | 24A 450V 8 Port Push In Wire Connectors | Black Transparent | 50 |

# Earthing Terminal Blocks

| Part Number | Description | Terminal Area (mm²) | Pack Qty |
|---|---|---|---|
| QBTB4 | Brass 4 Way Earthing Terminal Block | 3 x 16, 1 x 25 | 10 |
| QBTB8 | Brass 8 Way Earthing Terminal Block | 6 x 16, 2 x 25 | 5 |

# Terminal Blocks



- PE material
- Brass insert
- Captive screw

| Part Number | Description | Terminal Area (mm²) | Pack Qty |
|---|---|---|---|
| QTB5 | Clear 5 Amp 12 Way Terminal Block Strips | 6 | 10 |
| QTB15 | Clear 15 Amp 12 Way Terminal Block Strips | 12 | 10 |
| QTB30 | Clear 30 Amp 12 Way Terminal Block Strips | 16 | 10 |

# Lever Connectors & Connection Boxes

Q-NECT

**Strong, quick and reliable solutions.**

Focusing on strong, quick and reliable solutions, the new Q-Nect range offers great versatility for electrical connections. Each product is packed with features which makes your installations quicker and easier.

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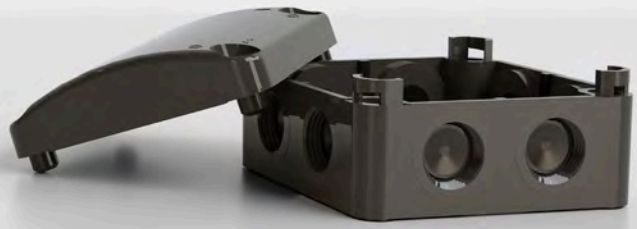
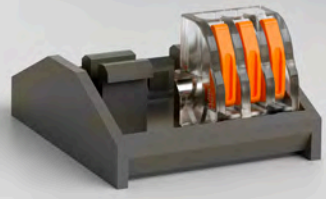
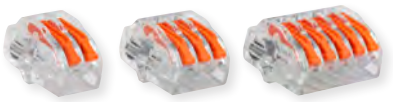




## Lever Connectors



| Part Number | Description | Conductor Strip Length (mm²) | Conductor Size (mm²) | Rated Current (A) | Colour | Pack Qty |
|---|---|---|---|---|---|---|
| QL2322 | 32A 450V 2 Port Lever Wire Connectors | 10 | 0.2 - 4.0 (Stranded or Solid Core) | 32 | ◯ Transparent | 50 |
| QL3322 | 32A 450V 3 Port Lever Wire Connectors | 10 | 0.2 - 4.0 (Stranded or Solid Core) | 32 | ◯ Transparent | 50 |
| QL5322 | 32A 450V 5 Port Lever Wire Connectors | 10 | 0.2 - 4.0 (Stranded or Solid Core) | 32 | ◯ Transparent | 30 |

## IP66 Junction Box

| Part Number | Description | Colour | Size (mm) | Gland Size (mm) | Entry Thread (mm) | Pack Qty |
|---|---|---|---|---|---|---|
| QOE8553AGY | IP66 Weatherproof Enclosure | Anthracite Grey | 85 x 85 x 52 | 20 | 20 | 1 |
| QOE8553BLK | IP66 Weatherproof Enclosure | Black | 85 x 85 x 52 | 20 | 20 | 1 |
| QOE8553AGYF | IP66 Weatherproof Enclosure With Connectors | Anthracite Grey | 85 x 85 x 52 | 20 | 20 | 1 |
| QOE8553BLKF | IP66 Weatherproof Enclosure With Connectors | Black | 85 x 85 x 52 | 20 | 20 | 1 |
| QOE8553AGYTF | IP66 Weatherproof Enclosure With Semi-Transparent Lid With Connectors | Anthracite Grey | 85 x 85 x 52 | 20 | 20 | 1 |
| QOE8553BLKTF | IP66 Weatherproof Enclosure With Semi-Transparent Lid With Connectors | Black | 85 x 85 x 52 | 20 | 20 | 1 |

## 2 & 3 Way Connection Box

| Part Number | Description | Rated Current (A) | Min. Cable Dia. (mm) | Max. Cable Dia. (mm) | Pack Qty |
|---|---|---|---|---|---|
| QOE5232BLK | 3 Pole 2 Way 16A IP66 Connection Box | 16 | 4 | 6.5 | 1 |
| QOE8342BLK | 4 Pole 2 Way 24A IP68 Inline Connection Box | 24 | 5 | 8 | 1 |
| QOE8343BLK | 4 Pole 3 Way 24A IP68 (M16+M20) Connection Box | 24 | 5 | 8 | 1 |
| QOE8332BLK | 4 Pole 2 Way 32A IP68 Inline Connection Box With Connector | 32 | 5 | 8 | 1 |
| QOE8333BLK | 4 Pole 3 Way 32A IP68 (M16+M20) Connection Box With Connector | 32 | 5 | 8 | 1 |

## 3 Way IP68 'T' & Inline Connectors

| Part Number | Description | Rated Current (A) | Min. Cable Dia. (mm) | Max. Cable Dia. (mm) | Pack Qty |
|---|---|---|---|---|---|
| QOE3052BLK | 5 Pole 2 Way 24A IP68 Inline Connector | 24 | 6 | 14 | 1 |
| QOE3053BLK | 5 Pole 3 Way 24A IP68 T-Connector | 24 | 6 | 14 | 1 |

## Earthing Clamps

| Part Number | Description | Thread Size | Gland Size (mm) | Pack Qty |
|---|---|---|---|---|
| QBEPS | Brass Earthing Plate - Single | M4 | 20 | 2 |
| QBEPD | Brass Earthing Plate - Double | M4 | 20 | 2 |

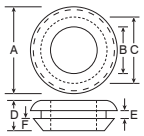
# Cable Clips

- Self grip design
- Chemical inertness
- Stress crack resistance
- Thick steel nails prevents snapping
- Long nail for good pull out value
- High grade tough polyethylene

| Part Number | Description | Colour | Cable Dimensions (mm²) | Pack Qty |
|---|---|---|---|---|
| QFC1 | Cable Clips for 2 x 4mm Bellwire | Clear | 2 x 4 | 100 |
| QFC2 | Cable Clips for 3 x 5mm Speaker Cable | Clear | 3 x 5 | 100 |
| QFC3 | Cable Clips for 4 x 6mm Twin Sheath Cable | Clear | 4 x 6 | 100 |
| QFC4 | Cable Clips for 1.0-1.5mm² T&E Cable | Grey | 5 x 8 | 100 |
| QFC5 | Cable Clips for 2.5mm² T&E Cable | Grey | 6 x 10 | 100 |
| QFC6 | Cable Clips for 4-6mm² T&E Cable | Grey | 7 x 14 | 100 |
| QFC7 | Cable Clips for 10-16mm² T&E Cable | Grey | 9 x 18 | 100 |
| QFWC1 | Cable Clips for 11 x 22mm Flat Oval Conduit | White | 11 x 22 | 100 |
| QFWC4 | Cable Clips for Flat 1-1.5mm² T&E Cable | White | 5 x 8 | 100 |
| QFWC5 | Cable Clips for Flat 2.5mm² T&E Cable | White | 6 x 10 | 100 |
| QFWC6 | Cable Clips for 4-6mm² T&E Cable | White | 7 x 14 | 100 |
| QFWC7 | Cable Clips for 10-16mm² T&E Cable | White | 9 x 18 | 100 |
| QDC1 | Double Cable Clips for 2 x 1.0-1.5mm² T&E Cable | Grey | 5 x 16 | 100 |
| QDC2 | Double Cable Clips for 2 x 2.5mm² T&E Cable | Grey | 6 x 20 | 100 |
| QJ12B | Dual Coaxial Cable Clips (RG59+2C and HYCF Dual) | Black | 6 x 12.5 | 100 |
| QJ12W | Dual Coaxial Cable Clips (RG59+2C and HYCF Dual) | White | 6 x 12.5 | 100 |

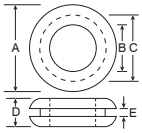
| Part Number | Description | Colour | Min Cable Dia. (mm) | Max Cable Dia. (mm) | Pack Qty |
|---|---|---|---|---|---|
| QRC1 | Cable Clips For 2-3mm Round Cable | Clear | 2 | 3 | 100 |
| QRC1B | Cable Clips for 2-3mm Round Cable | Black | 2 | 3 | 100 |
| QRC2 | Cable Clips for 3-5mm Round Cable | Clear | 3 | 5 | 100 |
| QRC2B | Cable Clips for 3-5mm Round Cable | Black | 3 | 5 | 100 |
| QRC3 | Cable Clips for 3-5mm Round Cable | White | 3 | 5 | 100 |
| QRC4 | Cable Clips for 5-7mm Round Cable | Black | 5 | 7 | 100 |
| QRC5 | Cable Clips for 5-7mm Round Cable | Clear | 5 | 7 | 100 |
| QRC6 | Cable Clips for 5-7mm Round Cable | White | 5 | 7 | 100 |
| QRC7 | Cable Clips for 7-10mm Round Cable | Black | 7 | 10 | 100 |
| QRC8 | Cable Clips for 7-10mm Round Cable | Brown | 7 | 10 | 100 |
| QRC9 | Cable Clips for 7-10mm Round Cable | Red | 7 | 10 | 100 |
| QRC10 | Cable Clips for 7-10mm Round Cable | White | 7 | 10 | 100 |
| QRC11 | Cable Clips for 10-14mm Round Cable | Black | 10 | 14 | 100 |
| QRC12 | Cable Clips for 10-14mm Round Cable | White | 10 | 14 | 100 |
| QRC13 | Cable Clips for 14-20mm Round Cable | Black | 14 | 20 | 50 |
| QRC14 | Cable Clips for 14-20mm Round Cable | White | 14 | 20 | 50 |
| QRC15 | Cable Clips for 18-22mm Round Cable | Black | 18 | 22 | 50 |
| QRC16 | Cable Clips for 18-22mm Round Cable | White | 18 | 22 | 50 |
| QRC17 | Cable Clips for 22-26mm Round Cable | Black | 22 | 26 | 50 |
| QRC18 | Cable Clips for 22-26mm Round Cable | White | 22 | 26 | 50 |

# Grommets - Quick Fit



| Part Number | Description | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | Pack Qty |
|---|---|---|---|---|---|---|---|---|
| QGROMQ20CLOSED | Black Quick Fit Closed Cable Grommets 20mm | 24.7 | 16.6 | 19.8 | 7.9 | 2.8 | 3.5 | 100 |
| QGROMQ25CLOSED | Black Quick Fit Closed Cable Grommets 25mm | 29.6 | 20.6 | 24.9 | 8.8 | 2.8 | 3.4 | 100 |
| QGROMQ32CLOSED | Black Quick Fit Closed Cable Grommets 32mm | 37.5 | 27 | 32 | 10.5 | 2 | 4.8 | 50 |
| QGROMQ20OPEN | Black Quick Fit Open Cable Grommets 20mm | 23.6 | 16.2 | 19.9 | 8.4 | 2.1 | 4.4 | 100 |
| QGROMQ25OPEN | Black Quick Fit Open Cable Grommets 25mm | 29.5 | 20.4 | 24.6 | 8.6 | 2.1 | 4.1 | 100 |
| QGROMQ32OPEN | Black Quick Fit Open Cable Grommets 32mm | 37.5 | 27 | 32 | 10.5 | 2 | 4.8 | 50 |

# Grommets - Standard



| Part Number | Description | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | Pack Qty |
|---|---|---|---|---|---|---|---|
| QGROM20CLOSED | Black Closed Cable Grommets 20mm | 22.1 | 15.7 | 19.8 | 5.5 | 1.4 | 100 |
| QGROM25CLOSED | Black Closed Cable Grommets 25mm | 29.6 | 18.8 | 25.2 | 6.5 | 2 | 50 |
| QGROM32CLOSED | Black Closed Cable Grommets 32mm | 37.5 | 27 | 32 | 9.2 | 2 | 50 |
| QGROM20OPEN | Black Open Cable Grommets 20mm | 23.2 | 16.2 | 19.6 | 6.7 | 2.1 | 100 |
| QGROM25OPEN | Black Open Cable Grommets 25mm | 29 | 20 | 25.1 | 7.3 | 2.4 | 50 |
| QGROM32OPEN | Black Open Cable Grommets 32mm | 37.5 | 27 | 32 | 9.2 | 2 | 50 |

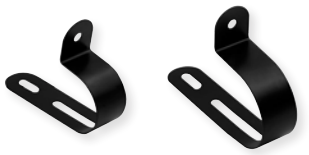
# Grommet Strip

| Part Number | Description | Length (M) | Width (mm) | Height (mm) | Pack Qty |
|---|---|---|---|---|---|
| QGT3B | 5mm x 8mm x 3M Grommet Strip Edge Roll - Black | 3 | 5 | 8 | 1 |
| QGT5B | 5mm x 8mm x 5M Grommet Strip Edge Roll - Black | 5 | 5 | 8 | 1 |
| QGT10B | 5mm x 8mm x 10M Grommet Strip Edge Roll - Black | 10 | 5 | 8 | 1 |

# Cable Cleats

| Part Number | Description | Min Cable Dia. (mm) | Max Cable Dia. (mm) | Width (mm) | Length (mm) | Depth (mm) | Pack Qty |
|---|---|---|---|---|---|---|---|
| QC4 | Black Cable Cleats 10.1mm | 7.7 | 10 | 14.5 | 28.9 | 15.5 | 100 |
| QC5 | Black Cable Cleats 12.7mm | 10.1 | 12.7 | 17.5 | 30.8 | 15.5 | 100 |
| QC6 | Black Cable Cleats 15.2mm | 12.6 | 15.2 | 19.7 | 32.8 | 15.5 | 100 |
| QC7 | Black Cable Cleats 17.8mm | 15.1 | 17.8 | 21.8 | 35 | 15.5 | 100 |
| QC8 | Black Cable Cleats 20.3mm | 17.7 | 20.3 | 25.5 | 37.6 | 18.5 | 100 |
| QC9 | Black Cable Cleats 22.8mm | 20.2 | 22.8 | 26.7 | 41 | 18.5 | 100 |
| QC10 | Black Cable Cleats 25.4mm | 22.7 | 25.4 | 29.7 | 43 | 18.5 | 100 |
| QC11 | Black Cable Cleats 27.7mm | 25.3 | 27.7 | 32.1 | 46.5 | 21.5 | 50 |
| QC12 | Black Cable Cleats 30.0mm | 27.6 | 30.5 | 37.2 | 53.4 | 21.5 | 50 |
| QC14 | Black Cable Cleats 35.6mm | 30.4 | 35.5 | 38.4 | 61.3 | 24.4 | 50 |
| QC16 | Black Cable Cleats 40.6mm | 35.4 | 40.6 | 49.8 | 63.1 | 24.4 | 50 |
| QC18 | Black Cable Cleats 45.7mm | 40.5 | 45.7 | 51.2 | 68.3 | 24.4 | 50 |
| QC20 | Black Cable Cleats 50.4mm | 45.6 | 50.8 | 55.6 | 72.8 | 24.4 | 20 |

# Metal Cable Cleats



- Oval mounting slot for varying cable thicknesses

| Part Number | Description | Min Cable Dia. (mm) | Max Cable Dia. (mm) | Width (mm) | Fixing Diameter (mm) | Pack Qty |
|---|---|---|---|---|---|---|
| QC3MBK | Metal Cable Cleats 5.0-7.6mm | 5 | 7.6 | 16.3 | 5.7 | 10 |
| QC4MBK | Metal Cable Cleats 7.7-10.0mm | 7.7 | 10 | 16.3 | 5.7 | 10 |
| QC5MBK | Metal Cable Cleats 10.1-12.7mm | 10.1 | 12.7 | 16.5 | 5.7 | 10 |
| QC6MBK | Metal Cable Cleats 12.6-15.2mm | 12.6 | 15.2 | 16.5 | 5.7 | 10 |
| QC7MBK | Metal Cable Cleats 15.1-17.8mm | 15.1 | 17.8 | 16.5 | 5.7 | 10 |
| QC8MBK | Metal Cable Cleats 17.7-20.3mm | 17.7 | 20.3 | 20.3 | 5.7 | 10 |
| QC9MBK | Metal Cable Cleats 20.2-22.8mm | 20.2 | 22.8 | 20.5 | 5.7 | 10 |
| QC10MBK | Metal Cable Cleats 22.7-25.4mm | 22.7 | 25.4 | 20.3 | 5.7 | 10 |
| QC11MBK | Metal Cable Cleats 25.3-27.7mm | 25.3 | 27.7 | 22.5 | 5.7 | 10 |
| QC12MBK | Metal Cable Cleats 27.6-30.5mm | 27.6 | 30.5 | 25.3 | 5.7 | 10 |
| QC14MBK | Metal Cable Cleats 30.4-35.5mm | 30.4 | 35.5 | 25.3 | 5.7 | 10 |
| QC16MBK | Metal Cable Cleats 35.4-40.6mm | 35.4 | 40.6 | 25.3 | 5.7 | 10 |
| QC18MBK | Metal Cable Cleats 40.5-45.7mm | 40.5 | 45.7 | 25.3 | 5.7 | 10 |
| QC20MBK | Metal Cable Cleats 45.6-50.8mm | 45.6 | 50.8 | 25.3 | 5.7 | 10 |

# Stainless Steel Roller Ball Cable Ties

- Made from 316 grade steel
- Minimum loop tensile strength 4.6mm wide = 44kg
- Minimum loop tensile strength 7.9mm wide = 110kg

| Part Number | Finish | Length (mm) | Width (mm) | Bundle Diameter (mm) | Min. Tensile Strength (Kg) | Pack Qty |
|---|---|---|---|---|---|---|
| QSST150S | Steel | 150 | 4.6 | 35 | 44 | 100 |
| QSST200S | Steel | 200 | 4.6 | 50 | 44 | 100 |
| QSST300S | Steel | 300 | 4.6 | 83 | 44 | 100 |
| QSST300LH | Steel | 300 | 7.9 | 83 | 110 | 100 |
| QSST360LH | Steel | 360 | 7.9 | 100 | 110 | 100 |
| QSST360S | Steel | 360 | 4.6 | 100 | 44 | 100 |
| QSST520S | Steel | 520 | 4.6 | 150 | 44 | 100 |
| QSST520LH | Steel | 520 | 7.9 | 150 | 110 | 50 |
| QSST840LH | Steel | 840 | 7.9 | 250 | 110 | 50 |

# Stainless Steel Mounts

- For indoor and outdoor use, fully weather proof, UV and fire resistant
- High quality 316 grade stainless steel

| Part Number | Description | Fixing Dia. (mm) | Max Cable Tie Width (mm) | Pack Qty |
|---|---|---|---|---|
| QSSTM-4 | Stainless Steel Cable Tie Mount M4 | 4.2 | 10 | 50 |
| QSSTM-6 | Stainless Steel Cable Tie Mount M6 | 6.2 | 10 | 50 |

# Fire Safe Cable Clips

- Cable clips prevent cables dropping in the event of a fire
- Can be used in PVC trunking or surface mounted
- No corrosive finish

| Part Number | Description | Fire Rating | Trunking Width (mm) | Pack Qty |
|---|---|---|---|---|
| QFGFC25 | Fire-Safe Cable Clips 25mm (120Min) | 120 Minutes (2 Hours) | 25 | 10 |
| QFGFC40 | Fire-Safe Cable Clips 40mm (120Min) | 120 Minutes (2 Hours) | 32 - 40 | 10 |
| QFGFC50 | Fire-Safe Cable Clips 50mm (120Min) | 120 Minutes (2 Hours) | 50 | 10 |

# Fire Safe Cable Clips

| Part Number | Description | Colour | Suitable Cable Size (mm²) | Pack Qty |
|---|---|---|---|---|
| QMC25 | Metal Cable Clips for 1.0-2.5mm² T&E Cable | Galvanised | 1 to 2.5 (T&E) | 100 |
| QMC25GY | Metal LSF Cable Clips for 1.0-2.5mm² T&E Cable | Grey | 1 to 2.5 (T&E) | 100 |
| QMC25RD | Metal LSF Cable Clips for 1.0-2.5mm² T&E Cable | Red | 1 to 2.5 (T&E) | 100 |
| QMC25WH | Metal LSF Cable Clips for 1.0-2.5mm² T&E Cable | White | 1 to 2.5 (T&E) | 100 |
| QMC6 | Metal Cable Clip for 4-6mm² T&E Cable | Galvanised | 4 to 6 (T&E) | 100 |
| QMC6GY | Metal LSF Cable Clip for 4-6mm² T&E Cable | Grey | 4 to 6 (T&E) | 100 |
| QMC6RD | Metal LSF Cable Clip for 4-6mm² T&E Cable | Red | 4 to 6 (T&E) | 100 |
| QMC6WH | Metal LSF Cable Clip for 4-6mm² T&E Cable | White | 4 to 6 (T&E) | 100 |

# Screws

| Part Number | Description | Length | Thread Dia. (mm) | Pack Qty |
|---|---|---|---|---|
| QMA48-40 | Masonry Fixing Screw 4.8 x 40mm | 40 | 4.8 | 100 |

# Saddle Clips & P Clips

- Assist installation of fire cable to meet the requirement of BS 5839-1: 2017
- Tested & approved to BS 476 Pt.6 and BS 476 Pt.7

| Part Number | Coating | Ref. | Colour | 1mm | 1.5mm | 2.5mm | 4mm | Fixing Dia. (mm) | Min Cable Dia. (mm) | Max Cable Dia. (mm) | Pack Qty |
|---|---|---|---|---|---|---|---|---|---|---|---|
| QPC28LSFB | LSF | 28 | Black | 3L/1.0 | 2L/1.5 | - | - | 4 | - | 6.6 | 50 |
| QPC28LSFR | LSF | 28 | Red | 3L/1.0 | 2L/1.5 | - | - | 4 | - | 6.6 | 50 |
| QPC28LSFW | LSF | 28 | White | 3L/1.0 | 2L/1.5 | - | - | 4 | - | 6.6 | 50 |
| QPC30LSFB | LSF | 30 | Black | 4L/1.0 | 3L/1.5 | - | - | 5 | - | 7 | 50 |
| QPC30LSFR | LSF | 30 | Red | 4L/1.0 | 3L/1.5 | - | - | 5 | - | 7 | 50 |
| QPC30LSFW | LSF | 30 | White | 4L/1.0 | 3L/1.5 | - | - | 5 | - | 7 | 50 |
| QPC32LSFB | LSF | 32 | Black | - | - | 2L/2.5 | - | 5 | - | 8 | 50 |
| QPC32LSFR | LSF | 32 | Red | - | - | 2L/2.5 | - | 5 | - | 8 | 50 |
| QPC32LSFW | LSF | 32 | White | - | - | 2L/2.5 | - | 5 | - | 8 | 50 |
| QPC34LSFB | LSF | 34 | Black | - | 4L/1.5 | 3L/2.5 | - | 5 | - | 8.7 | 50 |
| QPC34LSFR | LSF | 34 | Red | - | 4L/1.5 | 3L/2.5 | - | 5 | - | 8.7 | 50 |
| QPC34LSFW | LSF | 34 | White | - | 4L/1.5 | 3L/2.5 | - | 5 | - | 8.7 | 50 |
| QPC37LSFB | LSF | 37 | Black | - | - | 4L/2.5 | 2L/4.0 | 5 | - | 9.7 | 50 |
| QPC37LSFR | LSF | 37 | Red | - | - | 4L/2.5 | 2L/4.0 | 5 | - | 9.7 | 50 |
| QPC37LSFW | LSF | 37 | White | - | - | 4L/2.5 | 2L/4.0 | 5 | - | 9.7 | 50 |
| QSC302LSFB | LSF | 302 | Black | 3L/1.0 | 2L/1.5 | - | - | 3.8 | - | - | 50 |
| QSC302LSFR | LSF | 302 | Red | 3L/1.0 | 2L/1.5 | - | - | 3.8 | - | - | 50 |
| QSC302LSFW | LSF | 302 | White | 3L/1.0 | 2L/1.5 | - | - | 3.8 | - | - | 50 |
| QSC342LSFB | LSF | 342 | Black | 4L/1.0 | 3L/1.5 - 4L/1.5 | 2L/2.5 - 3L/2.5 | - | 5 | - | - | 50 |
| QSC342LSFR | LSF | 342 | Red | 4L/1.0 | 3L/1.5 - 4L/1.5 | 2L/2.5 - 3L/2.5 | - | 5 | - | - | 50 |
| QSC342LSFW | LSF | 342 | White | 4L/1.0 | 3L/1.5 - 4L/1.5 | 2L/2.5 - 3L/2.5 | - | 5 | - | - | 50 |
| QSC382LSFB | LSF | 382 | Black | - | - | - | 2L/4.0 | 5 | - | - | 50 |
| QSC382LSFR | LSF | 382 | Red | - | - | - | 2L/4.0 | 5 | - | - | 50 |
| QSC382LSFW | LSF | 382 | White | - | - | - | 2L/4.0 | 5 | - | - | 50 |

# Saddle Bar Spacers

| Part Number | Description | Width (mm) | Length (mm) | Height (mm) | Colour | Pack Qty |
|---|---|---|---|---|---|---|
| QSBS20 | Metal Saddle Bar Spacer 20mm | 21.5 | 56 | 26 | Galvanised Steel | 10 |
| QSBS20B | Metal Saddle Bar Spacer 20mm | 21.5 | 56 | 26 | Black | 10 |
| QSBS20W | Metal Saddle Bar Spacer 20mm | 21.5 | 56 | 26 | White | 10 |
| QSBS25 | Metal Saddle Bar Spacer 25mm | 22.5 | 63 | 33 | Galvanised Steel | 10 |
| QSBS25B | Metal Saddle Bar Spacer 25mm | 22.5 | 63 | 33 | Black | 10 |
| QSBS25W | Metal Saddle Bar Spacer 25mm | 22.5 | 63 | 33 | White | 10 |

# All-Round Banding

- Protective LSF coating to prevent cable damage
- Pre-punched steel banding ideal for fixing and general construction
- Highly versatile multi-purpose fixing band
- Easy to cut and bend

| Part Number | Description | Colour | Length (m) | Fixing Diameter (mm) | Band Width (mm) | Pack Qty |
|---|---|---|---|---|---|---|
| QARB12B | All-Round Banding 12mm x 10M | Black | 10 | 5 | 12 | 1 |
| QARB12G | Galvanised All-Round Banding 12mm x 10M | Galvanised | 10 | 5 | 12 | 1 |
| QARB12R | All-Round Banding 12mm x 10M | Red | 10 | 5 | 12 | 1 |
| QARB12W | All-Round Banding 12mm x 10M | White | 10 | 5 | 12 | 1 |
| QARB17B | All-Round Banding 17mm x 10M | Black | 10 | 7 | 17 | 1 |
| QARB17G | Galvanised All-Round Banding 17mm x 10M | Galvanised | 10 | 7 | 17 | 1 |

# Hybrid Sealant

| Part Number | Description | Colour | Pack Qty |
|---|---|---|---|
| BUK30623574 | Fire Retardant Hybrid Sealant - 290ml | White | 1 |

# Acrylic Sealant

| Part Number | Description | Pack Qty |
|---|---|---|
| BTKFPIA300W | Fire Resistant Acrylic Sealant - 300ml | 1 |

# Expanding Foam

| Part Number | Description | Pack Qty |
|---|---|---|
| BUK30811859 | Fire Retardant Hand Held Expanding Foam | 1 |

# Squarelock CSK BZP Screws

| Part Number | Description | Length (mm) | Head Dia. (mm) | Thread Dia. (mm) | Pack Qty |
|---|---|---|---|---|---|
| QSLS8-075 | Squarelock Flat Head Countersunk BZP Woodscrews 8 x 0.75” | 19 | 8.1 | 4.2 | 200 |
| QSLS8-1 | Squarelock Flat Head Countersunk BZP Woodscrews 8 x 1” | 25.4 | 8.1 | 4.2 | 200 |
| QSLS8-125 | Squarelock Flat Head Countersunk BZP Woodscrews 8 x 1.25” | 31.7 | 8.1 | 4.2 | 200 |
| QSLS8-15 | Squarelock Flat Head Countersunk BZP Woodscrews 8 x 1.5” | 40 | 8.1 | 4.2 | 200 |
| QSLS8-175 | Squarelock Flat Head Countersunk BZP Woodscrews 8 x 1.75” | 44.4 | 8.1 | 4.2 | 200 |
| QSLS8-2 | Squarelock Flat Head Countersunk BZP Woodscrews 8 x 2” | 50.8 | 8.1 | 4.2 | 200 |
| QSLS8-225 | Squarelock Flat Head Countersunk BZP Woodscrews 8 x 2.25” | 57 | 8.1 | 4.2 | 200 |
| QSLS8-25 | Squarelock Flat Head Countersunk BZP Woodscrews 8 x 2.5” | 63.5 | 8.1 | 4.2 | 200 |
| QSLS8-3 | Squarelock Flat Head Countersunk BZP Woodscrews 8 x 3” | 76.2 | 8.1 | 4.2 | 100 |
| QSLS10-1 | Squarelock Flat Head Countersunk BZP Woodscrews 10 x 1” | 25.4 | 9.5 | 4.6 | 200 |
| QSLS10-125 | Squarelock Flat Head Countersunk BZP Woodscrews 10 x 1.25” | 31.7 | 9.5 | 4.6 | 200 |
| QSLS10-15 | Squarelock Flat Head Countersunk BZP Woodscrews 10 x 1.5” | 40 | 9.5 | 4.6 | 200 |
| QSLS10-175 | Squarelock Flat Head Countersunk BZP Woodscrews 10 x 1.75” | 44.4 | 9.5 | 4.6 | 200 |
| QSLS10-2 | Squarelock Flat Head Countersunk BZP Woodscrews 10 x 2” | 50.8 | 9.5 | 4.6 | 200 |
| QSLS10-25 | Squarelock Flat Head Countersunk BZP Woodscrews 10 x 2.5” | 63.5 | 9.5 | 4.6 | 100 |
| QSLS10-3 | Squarelock Flat Head Countersunk BZP Woodscrews 10 x 3” | 76.2 | 9.5 | 4.6 | 100 |

# Squarelock RH BZP Screws

| Part Number | Description | Length (mm) | Head Dia. (mm) | Thread Dia. (mm) | Pack Qty |
|---|---|---|---|---|---|
| QSLR8-75 | Squarelock Round Head BZP Woodscrews 8 x 0.75” | 19 | 8.1 | 4.2 | 200 |
| QSLR8-1 | Squarelock Round Head BZP Woodscrews 8 x 1” | 25.4 | 8.1 | 4.2 | 200 |
| QSLR8-125 | Squarelock Round Head BZP Woodscrews 8 x 1.25” | 31.7 | 8.1 | 4.2 | 200 |
| QSLR8-15 | Squarelock Round Head BZP Woodscrews 8 x 1.5” | 40 | 8.1 | 4.2 | 200 |
| QSLR8-175 | Squarelock Round Head BZP Woodscrews 8 x 1.75” | 44.4 | 8.1 | 4.2 | 200 |
| QSLR8-2 | Squarelock Round Head BZP Woodscrews 8 x 2” | 50.8 | 8.1 | 4.2 | 200 |
| QSLR8-225 | Squarelock Round Head BZP Woodscrews 8 x 2.25” | 57 | 8.1 | 4.2 | 200 |
| QSLR8-25 | Squarelock Round Head BZP Woodscrews 8 x 2.5” | 63.5 | 8.1 | 4.2 | 200 |
| QSLR8-3 | Squarelock Round Head BZP Woodscrews 8 x 3” | 76.2 | 8.1 | 4.2 | 100 |
| QSLR10-1 | Squarelock Round Head BZP Woodscrews 10 x 1” | 25.4 | 9.5 | 4.6 | 200 |
| QSLR10-125 | Squarelock Round Head BZP Woodscrews 10 x 1.25” | 31.7 | 9.5 | 4.6 | 200 |
| QSLR10-15 | Squarelock Round Head BZP Woodscrews 10 x 1.5” | 40 | 9.5 | 4.6 | 200 |
| QSLR10-175 | Squarelock Round Head BZP Woodscrews 10 x 1.75” | 44.4 | 9.5 | 4.6 | 200 |
| QSLR10-2 | Squarelock Round Head BZP Woodscrews 10 x 2” | 50.8 | 9.5 | 4.6 | 200 |
| QSLR10-25 | Squarelock Round Head BZP Woodscrews 10 x 2.5” | 63.5 | 9.5 | 4.6 | 100 |
| QSLR10-3 | Squarelock Round Head BZP Woodscrews 10 x 3” | 76.2 | 9.5 | 4.6 | 100 |

# Squarelock Bit

| Part Number | Description | Pack Qty |
|---|---|---|
| QSLS-BIT | Squarelock Woodscrew Bit SQ2 | 1 |

# Twin Thread Screw

| Part Number | Description | Length (mm) | Head Dia. (mm) | Thread Dia. (mm) | Pack Qty |
|---|---|---|---|---|---|
| QWS8-075 | Pozi Flat Head Countersunk Twin Thread BZP Screws 8 x 0.75” | 19 | 8.1 | 4.2 | 200 |
| QWS8-1 | Pozi Flat Head Countersunk Twin Thread BZP Screws 8 x 1” | 25.4 | 8.1 | 4.2 | 200 |
| QWS8-125 | Pozi Flat Head Countersunk Twin Thread BZP Screws 8 x 1.25” | 31.7 | 8.1 | 4.2 | 200 |
| QWS8-15 | Pozi Flat Head Countersunk Twin Thread BZP Screws 8 x 1.5” | 40 | 8.1 | 4.2 | 200 |
| QWS8-175 | Pozi Flat Head Countersunk Twin Thread BZP Screws 8 x 1.75” | 44.4 | 8.1 | 4.2 | 200 |
| QWS8-20 | Pozi Flat Head Countersunk Twin Thread BZP Screws 8 x 2” | 50.8 | 8.1 | 4.2 | 200 |
| QWS8-225 | Pozi Flat Head Countersunk Twin Thread BZP Screws 8 x 2.25” | 57 | 8.1 | 4.2 | 200 |
| QWS8-25 | Pozi Flat Head Countersunk Twin Thread BZP Screws 8 x 2.5” | 63.5 | 8.1 | 4.2 | 200 |
| QWS8-30 | Pozi Flat Head Countersunk Twin Thread BZP Screws 8 x 3” | 76.2 | 8.1 | 4.2 | 100 |
| QWS10-10 | Pozi Flat Head Countersunk Twin Thread BZP Screws 10 x 1” | 25.4 | 9.5 | 4.6 | 200 |
| QWS10-125 | Pozi Flat Head Countersunk Twin Thread BZP Screws 10 x 1.25” | 31.7 | 9.5 | 4.6 | 200 |
| QWS10-15 | Pozi Flat Head Countersunk Twin Thread BZP Screws 10 x 1.5” | 40 | 9.5 | 4.6 | 200 |
| QWS10-175 | Pozi Flat Head Countersunk Twin Thread BZP Screws 10 x 1.75” | 44.4 | 9.5 | 4.6 | 200 |
| QWS10-20 | Pozi Flat Head Countersunk Twin Thread BZP Screws 10 x 2” | 50.8 | 9.5 | 4.6 | 200 |
| QWS10-25 | Pozi Flat Head Countersunk Twin Thread BZP Screws 10 x 2.5” | 63.5 | 9.5 | 4.6 | 100 |
| QWS10-3 | Pozi Flat Head Countersunk Twin Thread BZP Screws 10 x 3” | 76.2 | 9.5 | 4.6 | 100 |
| QWS10-4 | Pozi Flat Head Countersunk Twin Thread BZP Screws 10 x 4” | 101.6 | 9.5 | 4.6 | 100 |
| QWDS6X075 | Pozi Flat Head Countersunk Twin Thread BZP Screws BZP 6 x 0.75” | 19 | 6.8 | 3.6 | 200 |
| QWDS6X1 | Pozi Flat Head Countersunk Twin Thread BZP Screws BZP 6 x 1” | 25.4 | 6.8 | 3.6 | 200 |
| QWDS6X125 | Pozi Flat Head Countersunk Twin Thread BZP Screws BZP 6 x 1.25” | 31.7 | 6.8 | 3.6 | 200 |
| QWDS6X15 | Pozi Flat Head Countersunk Twin Thread BZP Screws BZP 6 x 1.5” | 40 | 6.8 | 3.6 | 200 |

# Extension Stud

| Part Number | Description | Length (mm) | Thread Size | Spanner Size (mm) | Thread Depth (mm) | Pack Qty |
|---|---|---|---|---|---|---|
| QEXT | Extension Studs M3.5 x 20mm | 35 | M3.5 | 6 | 12 | 100 |

# Round Head Brass Screws

| Part Number | Description | Length (mm) | Head Dia. (mm) | Thread Dia. (mm) | Pack Qty |
|---|---|---|---|---|---|
| QBWS6-1 | Slotted Round Head Brass Screws 6 X 1” | 25.4 | 6.5 | 3.3 | 100 |
| QBWS8-075 | Slotted Round Head Brass Screws 8 X 0.75” | 19 | 8.25 | 3.8 | 100 |
| QBWS8-1 | Slotted Round Head Brass Screws 8 X 1” | 25.4 | 8.25 | 3.8 | 100 |
| QBWS8-15 | Slotted Round Head Brass Screws 8 X 1.5” | 38 | 8.25 | 3.8 | 100 |
| QBWS8-175 | Slotted Round Head Brass Screws 8 X 1.75” | 44.4 | 8.25 | 3.8 | 100 |
| QBWS8-20 | Slotted Round Head Brass Screws 8 X 2” | 50.8 | 8.25 | 3.8 | 100 |

# Dry Wall

| Part Number | Description | Length (mm) | Head Dia. (mm) | Thread Dia. (mm) | Pack Qty |
|---|---|---|---|---|---|
| QDWS35-38 | Countersunk Black Dry Wall Screws 3.5 X 38mm | 38 | 8.2 | 3.5 | 100 |

# Pozi PH BZP

| Part Number | Description | Length (mm) | Head Dia. (mm) | Thread Dia. (mm) | Pack Qty |
|---|---|---|---|---|---|
| QPPST8-50 | Pozi Panhead BZP Self-Tapping Screws 8 x 0.5” | 13 | 8.1 | 4.2 | 100 |
| QPPST8-75 | Pozi Panhead BZP Self-Tapping Screws 8 x 0.75” | 19 | 8.1 | 4.2 | 100 |
| QPPST8-1 | Pozi Panhead BZP Self-Tapping Screws 8 x 1” | 25.4 | 8.1 | 4.2 | 100 |
| QPPST8-15 | Pozi Panhead BZP Self-Tapping Screws 8 x 1.5” | 40 | 8.1 | 4.2 | 100 |

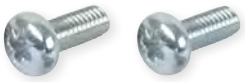
# Pozi RH BZP

| Part Number | Description | Length (mm) | Head Dia. (mm) | Thread Dia. (mm) | Pack Qty |
|---|---|---|---|---|---|
| QWDSR6-1 | Pozi Round Head Twin Thread BZP Woodscrews 6 X 1” | 25.4 | 6.2 | 4.2 | 200 |
| QWDSR8-075 | Pozi Round Head Twin Thread BZP Woodscrews 8 X 0.75” | 19 | 8 | 4.2 | 200 |
| QWDSR8-1 | Pozi Round Head Twin Thread BZP Woodscrews 8 X 1” | 25.4 | 8 | 4.2 | 200 |
| QWDSR8-125 | Pozi Round Head Twin Thread BZP Woodscrews 8 X 1.25” | 31.7 | 8 | 4.2 | 200 |
| QWDSR8-15 | Pozi Round Head Twin Thread BZP Woodscrews 8 X 1.5” | 40 | 8 | 4.2 | 200 |
| QWDSR8-175 | Pozi Round Head Twin Thread BZP Woodscrews 8 X 1.75” | 44.4 | 8 | 4.2 | 200 |
| QWDSR8-2 | Pozi Round Head Twin Thread BZP Woodscrews 8 X 2” | 50.8 | 8 | 4.2 | 200 |
| QWDSR8-225 | Pozi Round Head Twin Thread BZP Woodscrews 8 X 2.25” | 57.2 | 8 | 4.2 | 200 |
| QWDSR8-25 | Pozi Round Head Twin Thread BZP Woodscrews 8 X 2.5” | 63.5 | 8 | 4.2 | 200 |
| QWDSR8-3 | Pozi Round Head Twin Thread BZP Woodscrews 8 X 3” | 76.2 | 8 | 4.2 | 100 |
| QWDSR10-1 | Pozi Round Head Twin Thread BZP Woodscrews 10 X 1” | 25.4 | 9 | 4.8 | 200 |
| QWDSR10-125 | Pozi Round Head Twin Thread BZP Woodscrews 10 X 1.25” | 31.7 | 9 | 4.8 | 200 |
| QWDSR10-15 | Pozi Round Head Twin Thread BZP Woodscrews 10 X 1.5” | 40 | 9 | 4.8 | 200 |
| QWDSR10-175 | Pozi Round Head Twin Thread BZP Woodscrews 10 X 1.75” | 44.4 | 9 | 4.8 | 200 |
| QWDSR10-2 | Pozi Round Head Twin Thread BZP Woodscrews 10 X 2” | 50.8 | 9 | 4.8 | 200 |
| QWDSR10-25 | Pozi Round Head Twin Thread BZP Woodscrews 10 X 2.5” | 63.5 | 9 | 4.8 | 100 |
| QWDSR10-3 | Pozi Round Head Twin Thread BZP Woodscrews 10 X 3” | 76.2 | 9 | 4.8 | 100 |
| QWDSR10-4 | Pozi Round Head Twin Thread BZP Woodscrews 10 X 4” | 101.6 | 9 | 4.8 | 100 |

# Trade Tubs

| Part Number | Description | Pack Qty |
|---|---|---|
| QTT2U | 400 x Red Plastic Wall Plugs & 400 x 8 x 1.5” Countersunk Screws | 1 |
| QTT3 | 200 X Cavity/Plasterboard Metal Self Drive Plugs Complete With 1.5” Screws | 1 |
| QTT4 | T&E Cable Clips - 400 x 1.0mm² & 400 x 2.5mm² | 1 |
| QTT5U | 400 x Brown Plastic Wall Plugs & 400 x 10 x 2” Countersunk Screws | 1 |
| QTT6 | T&E Cable Clips - 200 x 1-2.5mm² (Metal) 400 x 1.5mm² & 400 x 2.5mm² (Plastic) | 1 |
| QTT7 | 2Kg x 40mm Clout Nails | 1 |
| QTT8 | 400 x Red Plastic Wall Plugs & 400 x 8 x 1.5” Squarelock Woodscrews | 1 |
| QTT9 | 70 x 50mm, 20 x 40mm & 10 x 50mm Fire-Safe Cable Clips, 100 x Red Plastic Wall Plugs & 100 x 8 x 1.5” Countersunk Screws | 1 |
| QTT10 | 100 x 20mm Open Cable Grommets, 400 x Red Plastic Wall Plugs & 400 x 8 x 1.5” Countersunk Screws | 1 |
| QTT11 | 200 x Red LSF 28 P Clips, 200 x Red LSF 32 P Clips & 100 x Red LSF 302 Saddle Clips | 1 |

# Pozi Panhead Machine Screws



| Part Number | Description | Thread Length (mm) | Head Dia. (mm) | Thread Dia. (mm) | Pack Qty |
|---|---|---|---|---|---|
| QPPMS412 | Pozi Panhead BZP Machine Screws M4 x 12mm | 12 | 8 | M4 | 100 |
| QPPMS416 | Pozi Panhead BZP Machine Screws M4 x 16mm | 16 | 8 | M4 | 100 |
| QPPMS420 | Pozi Panhead BZP Machine Screws M4 x 20mm | 20 | 8 | M4 | 100 |
| QPPMS425 | Pozi Panhead BZP Machine Screws M4 x 25mm | 25 | 8 | M4 | 100 |
| QPPMS450 | Pozi Panhead BZP Machine Screws M4 x 50mm | 50 | 8 | M4 | 100 |
| QPPMS510 | Pozi Panhead BZP Machine Screws M5 x 10mm | 10 | 10 | M5 | 100 |
| QPPMS512 | Pozi Panhead BZP Machine Screws M5 x 12mm | 12 | 10 | M5 | 100 |
| QPPMS516 | Pozi Panhead BZP Machine Screws M5 x 16mm | 16 | 10 | M5 | 100 |
| QPPMS520 | Pozi Panhead BZP Machine Screws M5 x 20mm | 20 | 10 | M5 | 100 |
| QPPMS525 | Pozi Panhead BZP Machine Screws M5 x 25mm | 25 | 10 | M5 | 100 |
| QPPMS530 | Pozi Panhead BZP Machine Screws M5 x 30mm | 30 | 10 | M5 | 100 |
| QPPMS540 | Pozi Panhead BZP Machine Screws M5 x 40mm | 40 | 10 | M5 | 100 |
| QPPMS550 | Pozi Panhead BZP Machine Screws M5 x 50mm | 50 | 10 | M5 | 100 |
| QPPMS612 | Pozi Panhead BZP Machine Screws M6 x 12mm | 12 | 12 | M6 | 100 |
| QPPMS616 | Pozi Panhead BZP Machine Screws M6 x 16mm | 16 | 12 | M6 | 100 |
| QPPMS620 | Pozi Panhead BZP Machine Screws M6 x 20mm | 20 | 12 | M6 | 100 |
| QPPMS625 | Pozi Panhead BZP Machine Screws M6 x 25mm | 25 | 12 | M6 | 100 |
| QPPMS630 | Pozi Panhead BZP Machine Screws M6 x 30mm | 30 | 12 | M6 | 100 |
| QPPMS650 | Pozi Panhead BZP Machine Screws M6 x 50mm | 50 | 12 | M6 | 100 |

# BZP Panhead Machine Screws

| Part Number | Description | Thread Length (mm) | Thread Size | Pack Qty |
|---|---|---|---|---|
| QMS4x6 | Slotted Panhead BZP Machine Screws M4 x 6mm | 6 | M4 | 100 |
| QMS4x8 | Slotted Panhead BZP Machine Screws M4 x 8mm | 8 | M4 | 100 |
| QMS4x10 | Slotted Panhead BZP Machine Screws M4 x 10mm | 10 | M4 | 100 |
| QMS4x12 | Slotted Panhead BZP Machine Screws M4 x 12mm | 12 | M4 | 100 |
| QMS4x16 | Slotted Panhead BZP Machine Screws M4 x 16mm | 16 | M4 | 100 |
| QMS4x20 | Slotted Panhead BZP Machine Screws M4 x 20mm | 20 | M4 | 100 |
| QMS4x25 | Slotted Panhead BZP Machine Screws M4 x 25mm | 25 | M4 | 100 |
| QMS4x30 | Slotted Panhead BZP Machine Screws M4 x 30mm | 30 | M4 | 100 |
| QMS4x35 | Slotted Panhead BZP Machine Screws M4 x 35mm | 35 | M4 | 100 |
| QMS4x40 | Slotted Panhead BZP Machine Screws M4 x 40mm | 40 | M4 | 100 |
| QMS4x50 | Slotted Panhead BZP Machine Screws M4 x 50mm | 50 | M4 | 100 |

# Brass Panhead Machine Screws

| Part Number | Description | Thread Length (mm) | Thread Size | Pack Qty |
|---|---|---|---|---|
| QMS4-6B | Slotted Panhead Brass Machine Screws M4 x 6mm | 6 | M4 | 100 |
| QMS4-8B | Slotted Panhead Brass Machine Screws M4 x 8mm | 8 | M4 | 100 |
| QMS4-10B | Slotted Panhead Brass Machine Screws M4 x 10mm | 10 | M4 | 100 |
| QMS4-12B | Slotted Panhead Brass Machine Screws M4 x 12mm | 12 | M4 | 100 |
| QMS4-16B | Slotted Panhead Brass Machine Screws M4 x 16mm | 16 | M4 | 100 |
| QMS4-20B | Slotted Panhead Brass Machine Screws M4 x 20mm | 20 | M4 | 100 |
| QMS4-25B | Slotted Panhead Brass Machine Screws M4 x 25mm | 25 | M4 | 100 |
| QMS4-30B | Slotted Panhead Brass Machine Screws M4 x 30mm | 30 | M4 | 100 |
| QMS4-35B | Slotted Panhead Brass Machine Screws M4 x 35mm | 35 | M4 | 100 |
| QMS4-40B | Slotted Panhead Brass Machine Screws M4 x 40mm | 40 | M4 | 100 |
| QMS4-50B | Slotted Panhead Brass Machine Screws M4 x 50mm | 50 | M4 | 100 |

For nuts & washers please see **Page 46**

# Countersunk Machine Screws

| Part Number | Description | Thread Length (mm) | Thread Size | Pack Qty |
|---|---|---|---|---|
| QRCSM35x25 | Slotted Raised Countersunk Machine BZP Screws M3.5 x 25mm | 25 | M3.5 | 100 |
| QRCSM35x35 | Slotted Raised Countersunk Machine BZP Screws M3.5 x 35mm | 35 | M3.5 | 100 |
| QRCSM35x40 | Slotted Raised Countersunk Machine BZP Screws M3.5 x 40mm | 40 | M3.5 | 100 |
| QRCSM35x50 | Slotted Raised Countersunk Machine BZP Screws M3.5 x 50mm | 50 | M3.5 | 100 |
| QRCSM35x75 | Slotted Raised Countersunk Machine BZP Screws M3.5 x 75mm | 75 | M3.5 | 100 |

All Raised Countersunk Machine screws are Zinc plated.

# Set Screws

| Part Number | Description | Length (mm) | Thread Size | Pack Qty |
|---|---|---|---|---|
| QHH6-25BZP | Hexagon Head BZP Set Screws M6 x 25mm | 25 | M6 | 100 |
| QHH8-25BZP | Hexagon Head BZP Set Screws M8 x 25mm | 25 | M8 | 100 |
| QHH10-25BZP | Hexagon Head BZP Set Screws M10 x 25mm | 25 | M10 | 100 |

# Mudguard Washers - BZP

| Part Number | Description | Internal Diameter (mm) | External Diameter (mm) | Pack Qty |
|---|---|---|---|---|
| QMG6-25 | Mudguard Washers M6 x 25mm | 6.6 | 25 | 100 |
| QMG8-25 | Mudguard Washers M8 x 25mm | 8.4 | 25 | 100 |
| QMG10-25 | Mudguard Washers M10 x 25mm | 10.5 | 25 | 100 |

# Washers - BZP

| Part Number | Description | Internal Diameter (mm) | External Diameter (mm) | Pack Qty |
|---|---|---|---|---|
| QF6BZP1 | Flat BZP Washers M6 | 6.6 | 12 | 100 |
| QF8BZP | Flat BZP Washers M8 | 8.4 | 16 | 10 |
| QF10BZP1 | Flat BZP Washers M10 | 10.5 | 20 | 100 |

# Nuts - BZP

| Part Number | Description | Thread Size | Pack Qty |
|---|---|---|---|
| QHN6 | Hexagon Nuts M6 | M6 | 100 |
| QHN8 | Hexagon Nuts M8 | M8 | 100 |
| QHN10 | Hexagon Nuts M10 | M10 | 100 |

# Brass Set Screws

| Part Number | Description | Length (mm) | Thread Size | Pack Qty |
|---|---|---|---|---|
| QBRSSM6X12 | Hexagon Head Brass Set Screws M6 x 12mm | 12 | M6 | 100 |
| QBRSSM6X16 | Hexagon Head Brass Set Screws M6 x 16mm | 16 | M6 | 100 |
| QBRSSM6X20 | Hexagon Head Brass Set Screws M6 x 20mm | 20 | M6 | 100 |
| QBRSSM6X25 | Hexagon Head Brass Set Screws M6 x 25mm | 25 | M6 | 100 |
| QBRSSM6X30 | Hexagon Head Brass Set Screws M6 x 30mm | 30 | M6 | 100 |
| QBRSSM6X40 | Hexagon Head Brass Set Screws M6 x 40mm | 40 | M6 | 100 |
| QBRSSM6X50 | Hexagon Head Brass Set Screws M6 x 50mm | 50 | M6 | 100 |
| QBRSSM8X20 | Hexagon Head Brass Set Screws M8 x 20mm | 20 | M8 | 100 |
| QBRSSM8X25 | Hexagon Head Brass Set Screws M8 x 25mm | 25 | M8 | 100 |
| QBRSSM8X30 | Hexagon Head Brass Set Screws M8 x 30mm | 30 | M8 | 100 |
| QBRSSM8X40 | Hexagon Head Brass Set Screws M8 x 40mm | 40 | M8 | 100 |
| QBRSSM8X50 | Hexagon Head Brass Set Screws M8 x 50mm | 50 | M8 | 100 |
| QBRSSM10X25 | Hexagon Head Brass Set Screws M10 x 25mm | 25 | M10 | 100 |
| QBRSSM10X30 | Hexagon Head Brass Set Screws M10 x 30mm | 30 | M10 | 100 |
| QBRSSM10X40 | Hexagon Head Brass Set Screws M10 x 40mm | 40 | M10 | 100 |
| QBRSSM10X50 | Hexagon Head Brass Set Screws M10 x 50mm | 50 | M10 | 100 |

# Washers - Brass

| Part Number | Description | Internal Diameter (mm) | External Diameter (mm) | Pack Qty |
|---|---|---|---|---|
| QBWM4 | Flat Brass Washers M4 | 4.2 | 9 | 100 |
| QFBWM6 | Flat Brass Washers M6 | 6.6 | 12 | 100 |
| QFBWM8 | Flat Brass Washers M8 | 8.4 | 16 | 100 |
| QFBWM10 | Flat Brass Washers M10 | 10.5 | 20 | 100 |

# Nuts - Brass

| Part Number | Description | Thread Size | Pack Qty |
|---|---|---|---|
| QBFNM4 | Hexagon Brass Nuts M4 | M4 | 100 |
| QBFHN6 | Hexagon Brass Nuts M6 | M6 | 100 |
| QBFHN8 | Hexagon Brass Nuts M8 | M8 | 100 |
| QBFHN10 | Hexagon Brass Nuts M10 | M10 | 100 |

# Catenary Wire

| Part Number | Description | Length (M) | Load Capacity (Kg) | Pack Qty |
|---|---|---|---|---|
| QCATW3X30 | Catenary Wire 3mm x 30m | 30 | 650 | 1 |
| QCATW3X50 | Catenary Wire 3mm x 50m | 50 | 650 | 1 |
| QCATW3X100 | Catenary Wire 3mm x 100m | 100 | 650 | 1 |

| Part Number | Description | Pack Qty |
|---|---|---|
| QCWK | Catenary Wire Kit (3mm x 30m) | 1 |

# Catenary Accessories

| Part Number | Description | Thread Size | Pack Qty |
|---|---|---|---|
| QCATGRIP | Catenary Wire Grip | M3.5 | 25 |

| Part Number | Description | Load Capacity (Kg) | Pack Qty |
|---|---|---|---|
| QCATEYELET | Catenary Wire Eyelet | 520 | 10 |
| QCATHP | Catenary Wire Hook Plate | 250 | 1 |
| QCATRP | Catenary Wire Ring Plate | 225 | 1 |
| QSCATSH | Suspension Hooks For Fittings | 8 | 10 |
| QSTRAINM8 | Catenary Strainer M8 | 570 | 5 |

# Jack Chain

| Part Number | Description | Length (M) | Load Capacity (Kg) | Pack Qty |
|---|---|---|---|---|
| QJC10M | Jack Chain 10 Metre | 10 | 10 | 1 |
| QJCHD10M | Heavy Duty Jack Chain 10 Metre | 10 | 15 | 1 |

# Jack Chain Accessories

| Part Number | Description | Load Capacity (Kg) | Pack Qty |
|---|---|---|---|
| QJC25HP | 25mm Hook Plate | 80 (Depending on Substrate) | 10 |
| QJCSHP | Ceiling Hook Plate | 5 (Depending on Substrate) | 10 |

# Masonry Nails

| Part Number | Description | Length (mm) | Head Diameter (mm) | Nail Thickness (mm) | Pack Qty |
|---|---|---|---|---|---|
| QMN30X30 | Medium Duty Masonry Nails 3 x 30mm | 30 | 6 | 3 | 100 |
| QMN30X40 | Medium Duty Masonry Nails 3 x 40mm | 40 | 6 | 3 | 100 |
| QMN30X50 | Medium Duty Masonry Nails 3 x 50mm | 50 | 6 | 3 | 100 |
| QMN30X60 | Medium Duty Masonry Nails 3 x 60mm | 60 | 6 | 3 | 100 |
| QMN30X70 | Medium Duty Masonry Nails 3 x 70mm | 70 | 6 | 3 | 100 |
| QMN30X80 | Medium Duty Masonry Nails 3 x 80mm | 80 | 6 | 3 | 100 |
| QMN35X35 | Heavy Duty Masonry Nails 3.5 x 35mm | 35 | 7 | 3.5 | 100 |
| QMN35X50 | Heavy Duty Masonry Nails 3.5 x 50mm | 50 | 7 | 3.5 | 100 |

# Clout Nails

| Part Number | Description | Length (mm) | Head Diameter (mm) | Nail Thickness (mm) | Pack Qty |
|---|---|---|---|---|---|
| QCN1KG | 40mm Clout Nails (1Kg Bag) | 40 | 8.6 | 2.7 | 1 |

# Capping Nails

| Part Number | Description | Nail Dimensions (mm) | Washer Dimensions (mm) | Pack Qty |
|---|---|---|---|---|
| QCAPN | Capping Nails 5 x 25mm | 5 Diameter X 25 Length | 8 x 1 | 100 |
| QCAPN30 | Capping Nails 5 x 30mm | 5 Diameter X 30 Length | 8 x 1 | 100 |
| QCAPN35 | Capping Nails 5 x 35mm | 5 Diameter X 35 Length | 8 x 1 | 100 |

# Wall Plugs

| Part Number | Description | Colour | Drill Size (mm) | Screw Diameter (mm) | Nail Diameter (mm) | Max Fixture Thickness (mm) | Pack Qty |
|---|---|---|---|---|---|---|---|
| QWPR001 | Wall Plugs (Box Loose) | Red | 5.5 - 6 | 3.5 - 5 | - | 5 | 100 |
| QWPB001 | Wall Plugs (Box Loose) | Brown | 7 | 5-6 | - | 5 | 100 |
| QWPW001 | Wall Plugs (Box Loose) | White | 5.5 | - | 1.2 - 2.0 | 5 | 100 |

Wall Plugs - For securing light wall units, shelving, brackets and kitchen fittings. Suitable for solid brickwork, masonry or concrete.

# Roofing Bolts

| Part Number | Description | Length (mm) | Thread Size | Pack Qty |
|---|---|---|---|---|
| QRB6-12 | Roofing Bolts M6 x 12mm | 12 | M6 | 100 |
| QRB6-16 | Roofing Bolts M6 x 16mm | 16 | M6 | 100 |
| QRB6-20 | Roofing Bolts M6 x 20mm | 20 | M6 | 100 |
| QRB6-25 | Roofing Bolts M6 x 25mm | 25 | M6 | 100 |
| QRB6-30 | Roofing Bolts M6 x 30mm | 30 | M6 | 100 |
| QRB6-40 | Roofing Bolts M6 x 40mm | 40 | M6 | 100 |
| QRB6-50 | Roofing Bolts M6 x 50 mm | 50 | M6 | 100 |

Nuts Supplied

# Eyebolts

| Part Number | Description | Length (mm) | Thread Size | Drill Size (mm) | Minimum Drill Depth (mm) | Pack Qty |
|---|---|---|---|---|---|---|
| Q-04149 | EyeBolts M6 | 78 | M6 | 12 | 55 | 2 |
| CC-04150 | EyeBolts M8 | 93 | M8 | 14 | 70 | 2 |

For installing cables, ladder restraints and chains or heavy objects from ceilings or walls. Suitable for solid brickwork, masonry or concrete.

# Hook Bolt

| Part Number | Description | Length (mm) | Thread Size | Drill Size (mm) | Minimum Drill Depth (mm) | Pack Qty |
|---|---|---|---|---|---|---|
| CC-04152 | Hook Bolts M8 | 95 | M8 | 14 | 70 | 2 |

For installing cables, ladder restraints and chains or heavy objects from ceilings or walls. Suitable for solid brickwork, masonry or concrete.

# Projecting Anchor Bolts

| Part Number | Description | Length (mm) | Thread Size | Drill Size (mm) | Minimum Drill Depth (mm) | Max Fixture Thickness (mm) | Pack Qty |
|---|---|---|---|---|---|---|---|
| CC-04141 | Projecting Anchors Bolts M6 x 115mm | 115 | M6 | 10 | 55 | 60 | 4 |
| Q-04145 | Projecting Anchors Bolts M8 x 125mm | 125 | M8 | 14 | 70 | 60 | 4 |
| CC-04146 | Projecting Anchors Bolts M10 x 135mm | 135 | M10 | 16 | 80 | 60 | 4 |
| CC-04147 | Projecting Anchors Bolts M10 x 155mm | 155 | M10 | 16 | 80 | 60 | 4 |
| CC-04148 | Projecting Anchors Bolts M10 x 175mm | 175 | M10 | 16 | 80 | 100 | 4 |
| Q-04146 | Projecting Anchors Bolts M10 x 135mm | 135 | M10 | 16 | 80 | 60 | 4 |

For installing radiator brackets, ducting, trunking, partitions & overhead objects. Suitable for use with solid brickwork, masonry or concrete.

# Hollow Wall Anchors

| Part Number | Description | Length (mm) | Thread Size | Drill Size (mm) | Plasterboard Thickness (mm) | Max Fixture Thickness (mm) | Pack Qty |
|---|---|---|---|---|---|---|---|
| Q-04200 | Small Hollow Wall Anchors M4 | 50 | M4 | 8 | 12-19 | 16 | 10 |
| Q-04202 | Medium Hollow Wall Anchors M5 | 45 | M5 | 9 | 8-15 | 12 | 10 |
| Q-04204 | Large Hollow Wall Anchors M6 | 45 | M6 | 10 | 8-15 | 17 | 10 |

Small & Medium Anchor - For installing shelving, hooks and bathroom accessories. Suitable for plasterboard, cavity walls and ceilings.
Large Anchor – For installing kitchen cabinets, radiator, brackets and bathroom accessories. Suitable for plasterboard, cavity walls and ceilings.

# Wedge Anchor

| Part Number | Description | Length (mm) | Thread Size | Drill Size (mm) | Drill Depth with Frame (mm) | Outer Diameter (mm) | Pack Qty |
|---|---|---|---|---|---|---|---|
| QWA6-25 | Wedge Anchors M6 x 25mm | 25 | M6 | 8.5 | 25 | 8 | 100 |
| QWA8-30 | Wedge Anchors M8 x 30mm | 30 | M8 | 10.5 | 30 | 10 | 100 |
| QWA10-40 | Wedge Anchors M10 x 40mm | 40 | M10 | 12.5 | 40 | 12 | 50 |

# Anchor Bolts

| Part Number | Description | Length (mm) | Thread Size | Drill Size (mm) | Minimum Drill Depth (mm) | Max Fixture Thickness (mm) | Pack Qty |
|---|---|---|---|---|---|---|---|
| Q-04129 | Anchors Bolts M6 x 60mm | 60 | M6 | 12 | 55 | 10 | 4 |
| Q-04132 | Anchors Bolts M8 x 65mm | 65 | M8 | 14 | 70 | 10 | 4 |
| Q-04133 | Anchors Bolts M8 x 80mm | 80 | M8 | 14 | 70 | 25 | 4 |
| Q-04134 | Anchors Bolts M8 x 95mm | 95 | M8 | 14 | 70 | 40 | 4 |
| Q-04135 | Anchors Bolts M10 x 75mm | 75 | M10 | 16 | 80 | 10 | 4 |
| Q-04137 | Anchors Bolts M10 x 105mm | 105 | M10 | 16 | 80 | 40 | 4 |
| CC-04138 | Anchors Bolts M10 x 125mm | 125 | M10 | 16 | 80 | 60 | 4 |

For installing garage doors, gate posts, steelwork and heavy equipment. Suitable for brickwork, masonry or concrete.

# Metal Toggle Fixings

| Part Number | Description | Length (mm) | Thread Size | Drill Size (mm) | Max Fixture Thickness (mm) | Pack Qty |
|---|---|---|---|---|---|---|
| Q-04205 | Spring Toggles M5 x 50mm | 50 | M5 | 14 | 15 | 5 |
| Q-04208 | Spring Toggles M5 x 80mm | 80 | M5 | 14 | 45 | 10 |

For installing light fittings and other overhead items to cavity walls or low structural strength ceilings. Suitable for ceilings and cavity walls.

# Plastic Toggle Fixings

| Part Number | Description | Length (mm) | Thread Size | Drill Size (mm) | Max Fixture Thickness (mm) | Pack Qty |
|---|---|---|---|---|---|---|
| CC-04189 | Short Toggle Fixings + Screws | 35 | M6 | 8 | 6 | 5 |

For light switches, electrical sockets, shelves, hooks and brackets. Suitable for plasterboard, cavity walls or ceilings.

# Self Drive Plug & Screws

| Part Number | Description | Length (mm) | Head Diameter (mm) | Max Fixture Thickness (mm) | Pack Qty |
|---|---|---|---|---|---|
| QCVFIX | Metal Self Drive Plugs + 8 x 35mm Panhead Screws | 28 | 13 | 10 | 100 |

Metal Self Drive - For shelving, bathroom sanitary ware, hooks and brackets. Suitable for plasterboard, cavity walls and ceilings.

# Self Drive Screws - Pozi

| Part Number | Description | Length (mm) | Head Diameter (mm) | Max Fixture Thickness (mm) | Pack Qty |
|---|---|---|---|---|---|
| QWHC42-13 | Self Drive Screws 4.2 x 13mm | 13 | 9.5 | 8 | 100 |
| QWHC48-16 | Self Drive Screws 4.8 x 16mm | 16 | 9.5 | 9 | 100 |
| QWHC55-20 | Self Drive Screws 5.5 x 20mm | 20 | 9.5 | 13 | 100 |

# Self Drive Screws - Hexagon Head

| Part Number | Description | Length (mm) | Head Dia. (mm) | Thread Dia. (mm) | Pack Qty |
|---|---|---|---|---|---|
| QHHC48-13 | Hexagon Head BZP Self Drive Screws 4.8 x 13mm | 13 | 10 | 4.8 | 200 |
| QHHC48-16 | Hexagon Head BZP Self Drive Screws 4.8 x 16mm | 16 | 10 | 4.8 | 200 |
| QHHC48-19 | Hexagon Head BZP Self Drive Screws 4.8 x 19mm | 19 | 10 | 4.8 | 200 |
| QHHC48-25 | Hexagon Head BZP Self Drive Screws 4.8 x 25mm | 25 | 10 | 4.8 | 200 |
| QHHC55-19 | Hexagon Head BZP Self Drive Screws 5.5 x 19mm | 19 | 10.5 | 5.5 | 200 |
| QHHC55-25 | Hexagon Head BZP Self Drive Screws 5.5 x 25mm | 25 | 10.5 | 5.5 | 200 |
| QHHC55-32 | Hexagon Head BZP Self Drive Screws 5.5 x 32mm | 32 | 10.5 | 5.5 | 200 |
| QHHC55-38 | Hexagon Head BZP Self Drive Screws 5.5 x 38mm | 38 | 10.5 | 5.5 | 200 |
| QHHC55-50 | Hexagon Head BZP Self Drive Screws 5.5 x 50mm | 50 | 10.5 | 5.5 | 200 |
| QHHC63-50 | Hexagon Head BZP Self Drive Screws 6.3 x 50mm | 50 | 12.5 | 6.3 | 100 |

OB1™ MULTI-SURFACE CONSTRUCTION SEALANT & ADHESIVE

# THE NO.1 SEALANT & ADHESIVE

The original multi-surface construction sealant & adhesive from Unicrimp®

## ONE TUBE DOES EVERYTHING!

User-friendly, hybrid polymer formulation for the ultimate in bonding and sealing. An alternative to mastics, wood and PU adhesives, silicones, acrylics and butyl rubber sealants.

Contains no solvents so will never crack or shrink. Can be applied on wet surfaces, painted or moulded. Very high bond strength with resistance to fungal and bacterial growth.

FROM UNICRIMP®

## OB1 Sealant & Adhesive

| Part Number | Description | Colour | Pack Qty |
|---|---|---|---|
| OB1SCS290W | OB1 Multi-Surface Construction Sealant & Adhesive - 290ml Cartridge | White | 1 |
| OB1SCS290C | OB1 Multi-Surface Construction Sealant & Adhesive - 290ml Cartridge | Clear | 1 |
| OB1SCS290BL | OB1 Multi-Surface Construction Sealant & Adhesive - 290ml Cartridge | Black | 1 |
| OB1SCS290A | OB1 Multi-Surface Construction Sealant & Adhesive - 290ml Cartridge | Anthracite | 1 |
| OB1SCS290G | OB1 Multi-Surface Construction Sealant & Adhesive - 290ml Cartridge | Grey | 1 |
| OB1SCS290S | OB1 Multi-Surface Construction Sealant & Adhesive - 290ml Cartridge | Silver | 1 |
| OB1SCS290B | OB1 Multi-Surface Construction Sealant & Adhesive - 290ml Cartridge | Brown | 1 |
| OB1SCS290T | OB1 Multi-Surface Construction Sealant & Adhesive - 290ml Cartridge | Terracotta | 1 |
| OB1SCS290BE | OB1 Multi-Surface Construction Sealant & Adhesive - 290ml Cartridge | Beige | 1 |
| OB1DUSA290CC | OB1 Diamond Seal & Adhesive - 290ml Cartridge | Clear | 1 |

## OB1 Surface Cleaner & Paint / Varnish Remover

| Part Number | Description | Pack Qty |
|---|---|---|
| OB1MPSC500 | OB1 Mult Surface Cleaner 500ml Aerosol | 1 |
| OB1MSPR500 | OB1 Multi-Layer Paint & Varnish Remover 500ml Aerosol | 1 |

## OB1 Product Stands C/W Profile

| Part Number | Description | Pack Qty |
|---|---|---|
| OB1COUNTERSTAND | OB1 Cartridge Counter Display Stand (With Profile Of 60 Cartridges) | 1 |
| OB1FLOORSTAND | OB1 Cartridge Floor Display Stand (With Profile Of 192 Cartridges) | 1 |

## OB41 Surface Cleaner & Lubricants

| Part Number | Description | Pack Qty |
|---|---|---|
| OB41SLS400 | OB41 Silicone Spray - 400ml | 1 |
| OB41MUPO400 | OB41 Multi Use Penetrating Oil - 400ml | 1 |
| OB41WGS400 | OB41 White Grease - 400ml | 1 |
| OB41PPC400 | OB41 Powerful Plastic Cleaner Spray - 400ml | 1 |
| OB41ECC400 | OB41 Electrical Contact Cleaner Spray - 400ml | 1 |
| OB41UC400 | OB41 Universal Cleaner Spray - 400ml | 1 |
| OB41MOS400 | OB41 6 In 1 Multi Oil Spray - 400ml | 1 |
| OB41CTDF400 | OB41 Cut Tap & Drill Fluid Spray - 400ml | 1 |

# Caulk

| Part Number | Description | Colour | Pack Qty |
|---|---|---|---|
| SCONTDC300W | Acrylic Decorators Caulk - (C3) 300ml Cartridge | White | 1 |

# Silicone Adhesives

| Part Number | Description | Colour | Pack Qty |
|---|---|---|---|
| SCONTHMA300C | General Purpose Silicone Adhesives Contractors - 300ml Cartridge | Clear | 1 |
| SCONTHMA300W | General Purpose Silicone Adhesives Contractors - 300ml Cartridge | White | 1 |

# Bonding Adhesive

| Part Number | Description | Pack Qty |
|---|---|---|
| BTKESG310 | Solvent Based Bonding Adhesive 310ml Cartridge | 1 |

# Grip & Grab

| Part Number | Description | Pack Qty |
|---|---|---|
| SXMSGGA290W | SX Mighty Strength Grip & Grab Adhesive 290ml | 1 |

# Expanding Foam

| Part Number | Description | Pack Qty |
|---|---|---|
| SXFF500 | Hand Held Expanding Foam Can 500ml | 1 |

# Plaster Filler

| Part Number | Description | Pack Qty |
|---|---|---|
| SXPF310W | Instant Plaster Filler Light Weight C3 Tube 310ml Cartridge | 1 |
| ZPBF1L | Instant Plaster Filler - White 1 litre Tub | 1 |

# Superglue

| Part Number | Description | Pack Qty |
|---|---|---|
| SXSG50 | SX Trade Strength Superglue 50g | 1 |

# Adhesive Accessories

| Part Number | Description | Pack Qty |
|---|---|---|
| GUNSG400 | Professional Application Gun | 1 |
| BTKESGFW | Bostik Gripfilth Wipes 100 Sheets | 1 |

# Earthing Rods

| Part Number | Description | Pack Qty |
|---|---|---|
| QEP3812 | 3/8'' Earth Rod - 1200mm | 1 |

The 3/8 range are available in single lengths only and cannot be coupled.

# Earthing Accessories

| Part Number | Description | Pack Qty |
|---|---|---|
| QEP38CC | 3/8'' Rod To Cable Clamp (G Type) | 1 |
| QEP38CL | 3/8'' Rod To Split Connector Clamp | 1 |

# Earthing Rods

| Part Number | Description | Pack Qty |
|---|---|---|
| QEP5812T | 5/8'' Threaded Earth Rod - 1200mm | 1 |

The 5/8 range includes couplers (sold separately) to join rods together

# Earthing Accessories

| Part Number | Description | Pack Qty |
|---|---|---|
| QEP58CC | 5/8'' Rod to Cable Clamp (G Type) | 1 |
| QEP58CL | 5/8" Rod To Threaded Split Connector Clamp | 1 |
| QEP58TC | 5/8'' Threaded Coupler | 1 |
| QEP58TDS | 5/8'' Threaded Driving Stud | 1 |

# Inspection Pits

| Part Number | Description | Pack Qty |
|---|---|---|
| QEPIPCON | Concrete Inspection Pit | 1 |
| QEPIPPLA | Polymer Inspection Pit | 1 |

# Earth Electrode Box

| Part Number | Description | Pack Qty |
|---|---|---|
| QEP1B | Earth Electrode Box | 1 |

## Earthing Box

| Part Number | Description | Pack Qty |
|---|---|---|
| QEP2G | 100mm x 100mm x 80mm Earthing Box c/w Safety Label | 1 |

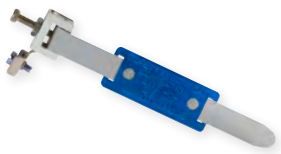
## Earthing Clamps

| Part Number | Description | Pack Qty |
|---|---|---|
| QBEPS | Brass Earthing Plate - Single | 2 |
| QBEPD | Brass Earthing Plate - Double | 2 |

## Earth Bonding Clamps

| Part Number | Description | Pack Qty |
|---|---|---|
| QEC14 | Earth Bonding Clamps EC14 Dry Conditions | 20 |
| QEC15 | 6" Earth Bonding Clamps EC15 Wet Conditions | 20 |
| QEC15-9 | 9" Earth Bonding Clamps EC15 Wet Conditions | 20 |
| QEC15-12 | 12" Earth Bonding Clamps EC15 Wet Conditions | 20 |
| QSEC | Speedy Panel Earth Bonding Clamps Dry Conditions | 100 |

Tested and approved to BS951

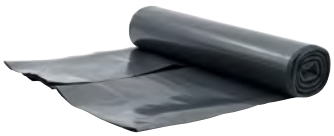


## Dust Sheet

| Part Number | Description | Pack Qty |
|---|---|---|
| QCTDS | Cotton Twill Poly Backed Dust Sheet - 3600mm x 2700mm | 1 |

## Rubble Sacks

| Part Number | Description | Pack Qty |
|---|---|---|
| QHDLRS | Heavy Duty Large 135L Size Rubble Sacks | 1 Roll of 10 |
| QHDSRS | Heavy Duty Standard 70L Size Rubble Sacks | 1 Roll of 10 |



## Torque Driver

| Part Number | Description | Pack Qty |
|---|---|---|
| QTOURQ | Torque Driver Set - Contains: Screwdriver Handle, 1.7Nm & 2.3Nm Torques, Flat & Phillips Heads | 1 |

## Lock Off Kits

| Part Number | Description | Pack Qty |
|---|---|---|
| QTAG5 | Basic Lock Off Kit | 1 |
| QTAG4 | Contractor Lock Off Kit | 1 |

"At Unicrimp® the whole business is focused on the customer. We aim to provide market leading levels of service and customer support.

Our forward thinking and investment for the future together with our dedicated employees enable a dynamic working environment that provides the platform for continued growth."

**- Mike Jackson**
Sales Director

## Sales Office

Based alongside our distribution facility this busy sales office provides a central point of contact for all customer service requirements. The professionalism skills and knowledge of our internal sales team enables us to provide the high standard of service that we know our customers expect. Our on-line ordering facility is also managed within this office.

## In-House Studio

All marketing support including product literature and point of sale material is designed by our dedicated in-house design studio. This facility enables us to offer bespoke marketing support to our customers.

## Product Development

Unicrimp® products are designed with our customer/the installer very much in mind. Our purpose built facilities and dedicated product development team, based in the UK allows us the flexibility to design and develop these products based on customer feedback and market research, ensuring we are producing a relevant, reliable and quality range of products.

## Distributor Network

Unicrimp® distributes exclusively through the electrical wholesale trade. These include Independent Wholesalers, National Wholesale Groups and Buying Consortium making the products readily available throughout the UK.

## Warehouse / Service

Our centrally located 150,000sq ft Warehouse and Distribution Centre allow us to deliver our products on time every time.

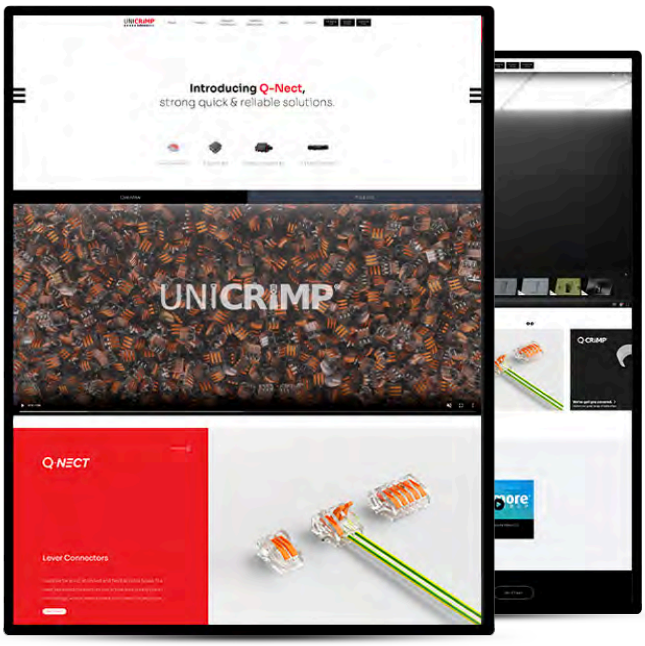
## Stock

We understand the importance of stock availability and are committed to having at least 97% stock availability at our central distribution centre at any given time.

## UNICRIMP® Website

The newly refreshed Unicrimp site provides customers with access to detailed product information for the company's extensive range of cable management consumables.

With regular updates on new products and details of developments within our business, the site is a great source of information.




## Online Ordering

The site now incorporates a number of improved features that allow users to access new information directly and easily:

- Ordering 24 hours a day 7 days a week with the ability to check current stock levels as required, meaning you are not restricted to ordering during normal office hours.
- Order upload - You can now upload your order directly to our online ordering using a CSV or PDF.
- The order tracking service keeps you up to date with the progress of your shipment.
- Managing your administration paperwork is now even easier with instant access to reports and essential documents at a click of a button.
- A 'quick buy tab' and the ability to store the most common orders for repeated use, adds to the versatility and flexibility of the revised system.

## The Full Q-Crimp® Range

The full product range can be found online with specific information about each product and access to the latest Unicrimp® catalogue.

To Register: E-mail us at **sales@unicrimp.com** or call our Sales Office on **01827 300 600** and one of our Sales Representatives will be more than happy to get you on-line.

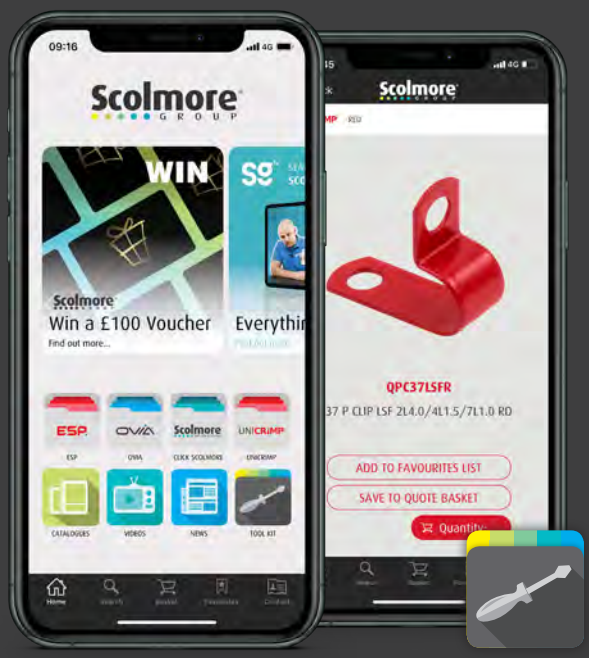
## Scolmore® Group App

The Scolmore® Group app allows you to use your smart phone to browse our complete range of products, add products to your Favourites or to the Quote Basket and allows you to email the contents of the basket back to yourself.

With Scolmore®, OVIA® Lighting, ESP® & UNICRIMP® products available you can use the search facility to easily locate the products required.

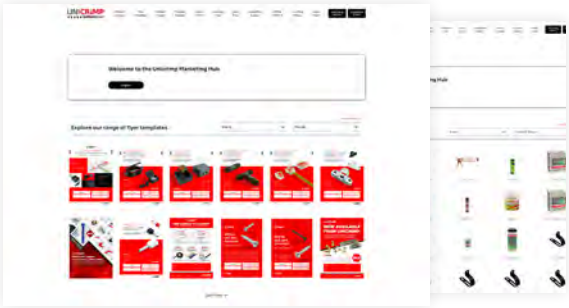
Our App also has a useful tool kit featuring:

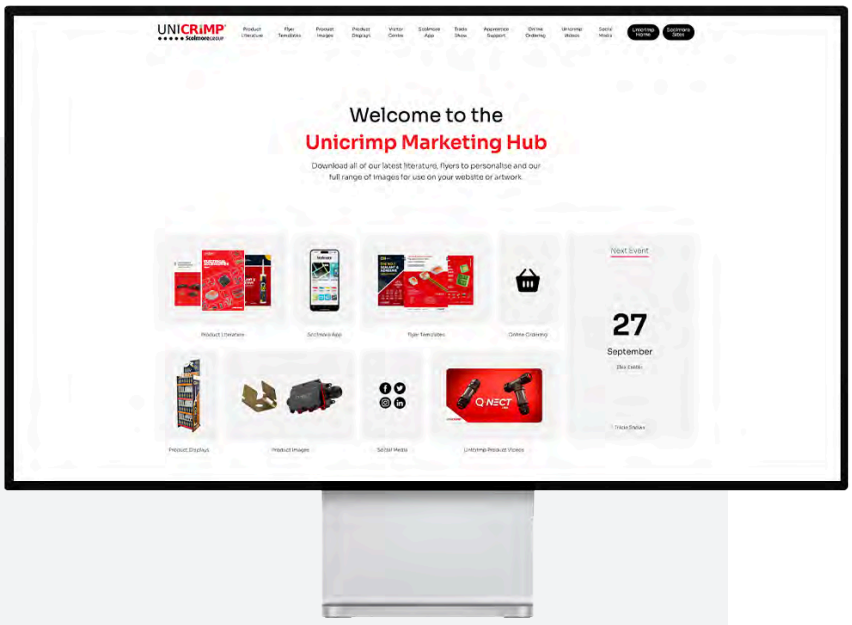
*Quick Quote Calculator, Zs Values, Cables Selection & Voltage Drop, Adiabatic Equation Calculator, Power Factor Calculator, KVA Converter, Lighting Cost Saving Calculator, Lighting No. Calculator and many more...*




## Marketing Hub

The Marketing Hub gives customers the opportunity to enhance their own marketing facilities with very little effort or cost. A selection of templates are available featuring many of our popular products. These templates can be customised with our stockists' details to provide maximum impact and optimise local sales opportunities.






## Print Ready Leaflets & More!

Promotional leaflets are available to download for UNICRIMP®. They all have editable sections so you can add your companies details. Also download all of our product images, all saved by product code and at a perfect resolution for your website.

**unicrimp.com/product-images**

# Product Index


| PRODUCT SKU | |
|---|---|
| 1910BSA | 29 |
| 1920B | 29 |
| 1920BL | 29 |
| 1920BR | 29 |
| 1920GR | 29 |
| 1920GY | 29 |
| 1920MX01 | 29 |
| 1920MX02 | 29 |
| 1920R | 29 |
| 1920W | 29 |
| 1920Y | 29 |
| 1920YG | 29 |
| 1933B | 29 |
| 1933BL | 29 |
| 1933BR | 29 |
| 1933GR | 29 |
| 1933GY | 29 |
| 1933R | 29 |
| 1933W | 29 |
| 1933Y | 29 |
| 1933YG | 29 |
| BTKESG310 | 55 |
| BTKESGFW | 56 |
| BTKFPIA300W | 38 |
| BUK30623574 | 38 |
| BUK30811859 | 38 |
| CC-04138 | 51 |
| CC-04141 | 50 |
| CC-04146 | 50 |
| CC-04147 | 50 |
| CC-04148 | 50 |
| CC-04150 | 49 |
| CC-04152 | 49 |
| CC-04189 | 51 |
| GUNSG400 | 56 |
| OB1COUNTERSTAND | 54 |
| OB1DUSA290CC | 54 |
| OB1FLOORSTAND | 54 |
| OB1MPSC500 | 54 |
| OB1MSPR500 | 54 |
| OB1SCS290A | 54 |
| OB1SCS290B | 54 |
| OB1SCS290BE | 54 |
| OB1SCS290BL | 54 |
| OB1SCS290C | 54 |
| OB1SCS290G | 54 |
| OB1SCS290S | 54 |
| OB1SCS290T | 54 |
| OB1SCS290W | 54 |
| OB41CTDF400 | 54 |
| OB41ECC400 | 54 |
| OB41MOS400 | 54 |
| OB41MUPO400 | 54 |
| OB41PPC400 | 54 |
| OB41SLS400 | 54 |
| OB41UC400 | 54 |
| OB41WGS400 | 54 |
| Q-04129 | 51 |
| Q-04132 | 51 |
| Q-04133 | 51 |
| Q-04134 | 51 |
| Q-04135 | 51 |
| Q-04137 | 51 |
| Q-04145 | 50 |
| Q-04146 | 50 |

| PRODUCT SKU | |
|---|---|
| Q-04149 | 49 |
| Q-04200 | 50 |
| Q-04202 | 50 |
| Q-04204 | 50 |
| Q-04205 | 51 |
| Q-04208 | 51 |
| QAE1W20 | 25 |
| QAE1W20S | 25 |
| QAE1W25 | 25 |
| QAE1W32 | 25 |
| QARB12B | 38 |
| QARB12G | 38 |
| QARB12R | 38 |
| QARB12W | 38 |
| QARB17B | 38 |
| QARB17G | 38 |
| QB1-5 | 16 |
| QB10 | 16 |
| QB120 | 16 |
| QB150 | 16 |
| QB16 | 16 |
| QB185 | 16 |
| QB2-5 | 16 |
| QB240 | 16 |
| QB25 | 16 |
| QB35 | 16 |
| QB4-6 | 16 |
| QB50 | 16 |
| QB70 | 16 |
| QB95 | 16 |
| QBAB4F | 12 |
| QBAB4M | 12 |
| QBAB5F | 12 |
| QBAB5M | 12 |
| QBB | 12 |
| QBBL18 | 12 |
| QBBL9 | 12 |
| QBEPD | 32,58 |
| QBEPS | 32,58 |
| QBF3 | 12 |
| QBF3N | 12 |
| QBF4N | 12 |
| QBF5 | 12 |
| QBF6 | 12 |
| QBFHN10 | 46 |
| QBFHN6 | 46 |
| QBFHN8 | 46 |
| QBFNM4 | 46 |
| QBFPO48F5 | 12 |
| QBFPO48F8 | 12 |
| QBFPO63F | 12 |
| QBFR05 | 14 |
| QBFR075 | 14 |
| QBFR1 | 14 |
| QBFR10 | 14 |
| QBFR15 | 14 |
| QBFR25 | 14 |
| QBFR4 | 14 |
| QBFR6 | 14 |
| QBG32TP | 28 |
| QBG40TP | 28 |
| QBP12 | 12 |
| QBPO48F5 | 12 |
| QBPO48F8 | 12 |
| QBPO48M5 | 12 |

| PRODUCT SKU | |
|---|---|
| QBPO48M8 | 12 |
| QBPO63F | 12 |
| QBPO63M | 12 |
| QBPO85F | 12 |
| QBPOA63 | 12 |
| QBR10 | 12 |
| QBR12 | 12 |
| QBR3 | 12 |
| QBR37 | 12 |
| QBR4 | 12 |
| QBR5 | 12 |
| QBR6 | 12 |
| QBR8 | 12 |
| QBRSSM10X25 | 46 |
| QBRSSM10X30 | 46 |
| QBRSSM10X40 | 46 |
| QBRSSM10X50 | 46 |
| QBRSSM6X12 | 46 |
| QBRSSM6X16 | 46 |
| QBRSSM6X20 | 46 |
| QBRSSM6X25 | 46 |
| QBRSSM6X30 | 46 |
| QBRSSM6X40 | 46 |
| QBRSSM6X50 | 46 |
| QBRSSM8X20 | 46 |
| QBRSSM8X25 | 46 |
| QBRSSM8X30 | 46 |
| QBRSSM8X40 | 46 |
| QBRSSM8X50 | 46 |
| QBTB4 | 30 |
| QBTB8 | 30 |
| QBW20 | 26 |
| QBW20-3 | 26 |
| QBW20-LSF | 26 |
| QBW20S | 26 |
| QBW20S-3 | 26 |
| QBW20S-LSF | 26 |
| QBW20SS | 26 |
| QBW25 | 26 |
| QBW25-3 | 26 |
| QBW25-LSF | 26 |
| QBW32 | 26 |
| QBW32-3 | 26 |
| QBW32-LSF | 26 |
| QBW40 | 26 |
| QBW40-3 | 26 |
| QBW40-LSF | 26 |
| QBW50 | 26 |
| QBW50-LSF | 26 |
| QBW50S | 26 |
| QBW63 | 26 |
| QBW63-LSF | 26 |
| QBW63S | 26 |
| QBWM4 | 46 |
| QBWS6-1 | 41 |
| QBWS8-075 | 41 |
| QBWS8-1 | 41 |
| QBWS8-15 | 41 |
| QBWS8-175 | 41 |
| QBWS8-20 | 41 |
| QC10 | 34 |
| QC10MBK | 35 |
| QC11 | 34 |
| QC11MBK | 35 |
| QC12 | 34 |

| PRODUCT SKU | |
|---|---|
| QC12MBK | 35 |
| QC14 | 34 |
| QC14MBK | 35 |
| QC16 | 34 |
| QC16MBK | 35 |
| QC18 | 34 |
| QC18MBK | 35 |
| QC20 | 34 |
| QC20MBK | 35 |
| QC3MBK | 35 |
| QC4 | 34 |
| QC4MBK | 35 |
| QC5 | 34 |
| QC5MBK | 35 |
| QC6 | 34 |
| QC6MBK | 35 |
| QC7 | 34 |
| QC7MBK | 35 |
| QC8 | 34 |
| QC8MBK | 35 |
| QC9 | 34 |
| QC9MBK | 35 |
| QCAPN | 48 |
| QCAPN30 | 48 |
| QCAPN35 | 48 |
| QCATEYELET | 47 |
| QCATGRIP | 47 |
| QCATHP | 47 |
| QCATRP | 47 |
| QCATW3X100 | 47 |
| QCATW3X30 | 47 |
| QCATW3X50 | 47 |
| QCGM12BLK | 28 |
| QCGM12GRY | 28 |
| QCGM12RED | 28 |
| QCGM16BLK | 28 |
| QCGM16GRY | 28 |
| QCGM16RED | 28 |
| QCGM16WHT | 28 |
| QCGM20AG | 28 |
| QCGM20BLK | 28 |
| QCGM20GRY | 28 |
| QCGM20LBLK | 28 |
| QCGM20LGRY | 28 |
| QCGM20LRED | 28 |
| QCGM20LWHT | 28 |
| QCGM20RED | 28 |
| QCGM20WHT | 28 |
| QCGM25BLK | 28 |
| QCGM25GRY | 28 |
| QCGM25RED | 28 |
| QCGM25WHT | 28 |
| QCGM32BLK | 28 |
| QCGM32GRY | 28 |
| QCGM32RED | 28 |
| QCGM32TPW | 28 |
| QCGM32WHT | 28 |
| QCGM40BLK | 28 |
| QCGM40GRY | 28 |
| QCGM40TPW | 28 |
| QCGM40WHT | 28 |
| QCGM50BLK | 28 |
| QCGM50GRY | 28 |
| QCGM50WHT | 28 |
| QCGM63BLK | 28 |

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# Product Index


| PRODUCT SKU | |
|---|---|
| QCGM63GRY | 28 |
| QCGM63WHT | 28 |
| QCN1KG | 48 |
| QCT015-3 | 15 |
| QCT015-4 | 15 |
| QCT015-5 | 15 |
| QCT025-3 | 15 |
| QCT025-4 | 15 |
| QCT025-5 | 15 |
| QCT025-6 | 15 |
| QCT04-10 | 15 |
| QCT04-6 | 15 |
| QCT04-8 | 15 |
| QCT06-10 | 15 |
| QCT06-4 | 15 |
| QCT06-5 | 15 |
| QCT06-6 | 15 |
| QCT06-8 | 15 |
| QCT10-10 | 15 |
| QCT10-12 | 15 |
| QCT10-5 | 15 |
| QCT10-6 | 15 |
| QCT10-8 | 15 |
| QCT120-10 | 16 |
| QCT120-12 | 16 |
| QCT120-14 | 16 |
| QCT120-16 | 16 |
| QCT120-20 | 16 |
| QCT120-8 | 16 |
| QCT150-10 | 16 |
| QCT150-12 | 16 |
| QCT150-14 | 16 |
| QCT150-16 | 16 |
| QCT150-20 | 16 |
| QCT150-8 | 16 |
| QCT16-10 | 15 |
| QCT16-12 | 15 |
| QCT16-6 | 15 |
| QCT16-8 | 15 |
| QCT185-10 | 16 |
| QCT185-12 | 16 |
| QCT185-14 | 16 |
| QCT185-16 | 16 |
| QCT185-20 | 16 |
| QCT240-10 | 16 |
| QCT240-12 | 16 |
| QCT240-14 | 16 |
| QCT240-16 | 16 |
| QCT25-10 | 15 |
| QCT25-12 | 15 |
| QCT25-5 | 15 |
| QCT25-6 | 15 |
| QCT25-8 | 15 |
| QCT35-10 | 15 |
| QCT35-12 | 15 |
| QCT35-6 | 15 |
| QCT35-8 | 15 |
| QCT50-10 | 15 |
| QCT50-12 | 15 |
| QCT50-6 | 15 |
| QCT50-8 | 15 |
| QCT70-10 | 16 |
| QCT70-12 | 16 |
| QCT70-14 | 16 |
| QCT70-6 | 16 |

| PRODUCT SKU | |
|---|---|
| QCT70-8 | 16 |
| QCT95-10 | 16 |
| QCT95-12 | 16 |
| QCT95-14 | 16 |
| QCT95-16 | 16 |
| QCT95-8 | 16 |
| QCTDS | 58 |
| QCVFIX | 52 |
| QCW20 | 27 |
| QCW20-4 | 27 |
| QCW20-LSF | 27 |
| QCW20S | 27 |
| QCW20S-4 | 27 |
| QCW20S-LSF | 27 |
| QCW20SS | 27 |
| QCW25 | 27 |
| QCW25-4 | 27 |
| QCW25-LSF | 27 |
| QCW32 | 27 |
| QCW32-4 | 27 |
| QCW32-LSF | 27 |
| QCW40 | 27 |
| QCW40-4 | 27 |
| QCW40-LSF | 27 |
| QCW50 | 27 |
| QCW50-LSF | 27 |
| QCW50S | 27 |
| QCW63 | 27 |
| QCW63-LSF | 27 |
| QCW63S | 27 |
| QCW75 | 27 |
| QCW75S | 27 |
| QCWK | 47 |
| QCXT20 | 24 |
| QCXT20S | 24 |
| QCXT25 | 24 |
| QCXT32 | 24 |
| QCXT40 | 24 |
| QCXT50 | 24 |
| QCXT63 | 24 |
| QDBFR05 | 14 |
| QDBFR075 | 14 |
| QDBFR1 | 14 |
| QDBFR10 | 14 |
| QDBFR15 | 14 |
| QDBFR25 | 14 |
| QDBFR4 | 14 |
| QDBFR6 | 14 |
| QDC1 | 33 |
| QDC2 | 33 |
| QDT50X50 | 29 |
| QDWS35-38 | 41 |
| QEC14 | 58 |
| QEC15 | 58 |
| QEC15-12 | 58 |
| QEC15-9 | 58 |
| QEP1B | 57 |
| QEP2G | 58 |
| QEP3812 | 57 |
| QEP38CC | 57 |
| QEP38CL | 57 |
| QEP5812T | 57 |
| QEP58CC | 57 |
| QEP58CL | 57 |
| QEP58TC | 57 |

| PRODUCT SKU | |
|---|---|
| QEP58TDS | 57 |
| QEPIPCON | 57 |
| QEPIPPLA | 57 |
| QES2 | 22 |
| QES2BK | 22 |
| QES2BL | 22 |
| QES2BR | 22 |
| QES2GY | 22 |
| QES3 | 22 |
| QES3BK | 22 |
| QES3BL | 22 |
| QES3BR | 22 |
| QES3GY | 22 |
| QES4 | 22 |
| QES4BK | 22 |
| QES4BL | 22 |
| QES4BR | 22 |
| QES4GY | 22 |
| QES5 | 22 |
| QEXT | 41 |
| QF10BZP1 | 45 |
| QF6BZP1 | 45 |
| QF8BZP | 45 |
| QFBWM10 | 46 |
| QFBWM6 | 46 |
| QFBWM8 | 46 |
| QFC1 | 33 |
| QFC2 | 33 |
| QFC3 | 33 |
| QFC4 | 33 |
| QFC5 | 33 |
| QFC6 | 33 |
| QFC7 | 33 |
| QFGFC25 | 36 |
| QFGFC40 | 36 |
| QFGFC50 | 36 |
| QFWC1 | 33 |
| QFWC4 | 33 |
| QFWC5 | 33 |
| QFWC6 | 33 |
| QFWC7 | 33 |
| QGROM20CLOSED | 34 |
| QGROM20OPEN | 34 |
| QGROM25CLOSED | 34 |
| QGROM25OPEN | 34 |
| QGROM32CLOSED | 34 |
| QGROM32OPEN | 34 |
| QGROMQ20CLOSED | 34 |
| QGROMQ20OPEN | 34 |
| QGROMQ25CLOSED | 34 |
| QGROMQ25OPEN | 34 |
| QGROMQ32CLOSED | 34 |
| QGROMQ32OPEN | 34 |
| QGT10B | 34 |
| QGT3B | 34 |
| QGT5B | 34 |
| QHDLRS | 58 |
| QHDSRS | 58 |
| QHH10-25BZP | 45 |
| QHH6-25BZP | 45 |
| QHH8-25BZP | 45 |
| QHHC48-13 | 52 |
| QHHC48-16 | 52 |
| QHHC48-19 | 52 |
| QHHC48-25 | 52 |

| PRODUCT SKU | |
|---|---|
| QHHC55-19 | 52 |
| QHHC55-25 | 52 |
| QHHC55-32 | 52 |
| QHHC55-38 | 52 |
| QHHC55-50 | 52 |
| QHHC63-50 | 52 |
| QHN10 | 45 |
| QHN6 | 45 |
| QHN8 | 45 |
| QHS12MP225 | 22 |
| QHS19MP225 | 22 |
| QHS4MP225 | 22 |
| QHS6MP225 | 22 |
| QHS9MP225 | 22 |
| QHSB1 | 11 |
| QHSB2 | 12 |
| QHSB5 | 13 |
| QJ12B | 33 |
| QJ12W | 33 |
| QJC10M | 47 |
| QJC25HP | 47 |
| QJCHD10M | 47 |
| QJCSHP | 47 |
| QL2322 | 31 |
| QL3322 | 31 |
| QL5322 | 31 |
| QMA48-40 | 36 |
| QMC25 | 36 |
| QMC25GY | 36 |
| QMC25RD | 36 |
| QMC25WH | 36 |
| QMC6 | 36 |
| QMC6GY | 36 |
| QMC6RD | 36 |
| QMC6WH | 36 |
| QMCTBL150I | 18 |
| QMCTBL200S | 18 |
| QMCTBL280S | 18 |
| QMCTBL385S | 18 |
| QMG10-25 | 45 |
| QMG6-25 | 45 |
| QMG8-25 | 45 |
| QMM9 | 22 |
| QMN30X30 | 48 |
| QMN30X40 | 48 |
| QMN30X50 | 48 |
| QMN30X60 | 48 |
| QMN30X70 | 48 |
| QMN30X80 | 48 |
| QMN35X35 | 48 |
| QMN35X50 | 48 |
| QMS4-10B | 44 |
| QMS4-12B | 44 |
| QMS4-16B | 44 |
| QMS4-20B | 44 |
| QMS4-25B | 44 |
| QMS4-30B | 44 |
| QMS4-35B | 44 |
| QMS4-40B | 44 |
| QMS4-50B | 44 |
| QMS4-6B | 44 |
| QMS4-8B | 44 |
| QMS4X10 | 43 |
| QMS4X12 | 43 |
| QMS4X16 | 43 |

# Product Index


| PRODUCT SKU | |
|---|---|
| QMS4X20 | 43 |
| QMS4X25 | 43 |
| QMS4X30 | 43 |
| QMS4X35 | 43 |
| QMS4X40 | 43 |
| QMS4X50 | 43 |
| QMS4X6 | 43 |
| QMS4X8 | 43 |
| QOE3052BLK | 32 |
| QOE3053BLK | 32 |
| QOE5232BLK | 32 |
| QOE8332BLK | 32 |
| QOE8333BLK | 32 |
| QOE8342BLK | 32 |
| QOE8343BLK | 32 |
| QOE8553AGY | 32 |
| QOE8553AGYF | 32 |
| QOE8553AGYTF | 32 |
| QOE8553BLK | 32 |
| QOE8553BLKF | 32 |
| QOE8553BLKTF | 32 |
| QP2242R2 | 30 |
| QP3242O2 | 30 |
| QP4242Y2 | 30 |
| QP5242T2 | 30 |
| QP6242P2 | 30 |
| QP8242B2 | 30 |
| QPC28LSFB | 37 |
| QPC28LSFR | 37 |
| QPC28LSFW | 37 |
| QPC30LSFB | 37 |
| QPC30LSFR | 37 |
| QPC30LSFW | 37 |
| QPC32LSFB | 37 |
| QPC32LSFR | 37 |
| QPC32LSFW | 37 |
| QPC34LSFB | 37 |
| QPC34LSFR | 37 |
| QPC34LSFW | 37 |
| QPC37LSFB | 37 |
| QPC37LSFR | 37 |
| QPC37LSFW | 37 |
| QPPMS412 | 43 |
| QPPMS416 | 43 |
| QPPMS420 | 43 |
| QPPMS425 | 43 |
| QPPMS450 | 43 |
| QPPMS510 | 43 |
| QPPMS512 | 43 |
| QPPMS516 | 43 |
| QPPMS520 | 43 |
| QPPMS525 | 43 |
| QPPMS530 | 43 |
| QPPMS540 | 43 |
| QPPMS550 | 43 |
| QPPMS612 | 43 |
| QPPMS616 | 43 |
| QPPMS620 | 43 |
| QPPMS625 | 43 |
| QPPMS630 | 43 |
| QPPMS650 | 43 |
| QPPST8-1 | 41 |
| QPPST8-15 | 41 |
| QPPST8-50 | 41 |
| QPPST8-75 | 41 |

| PRODUCT SKU | |
|---|---|
| QRAB4F | 11 |
| QRAB4M | 11 |
| QRB | 11 |
| QRB6-12 | 49 |
| QRB6-16 | 49 |
| QRB6-20 | 49 |
| QRB6-25 | 49 |
| QRB6-30 | 49 |
| QRB6-40 | 49 |
| QRB6-50 | 49 |
| QRBL10 | 11 |
| QRBL14 | 11 |
| QRBL18 | 11 |
| QRC1 | 33 |
| QRC10 | 33 |
| QRC11 | 33 |
| QRC12 | 33 |
| QRC13 | 33 |
| QRC14 | 33 |
| QRC15 | 33 |
| QRC16 | 33 |
| QRC17 | 33 |
| QRC18 | 33 |
| QRC1B | 33 |
| QRC2 | 33 |
| QRC2B | 33 |
| QRC3 | 33 |
| QRC4 | 33 |
| QRC5 | 33 |
| QRC6 | 33 |
| QRC7 | 33 |
| QRC8 | 33 |
| QRC9 | 33 |
| QRCSM35X25 | 44 |
| QRCSM35X35 | 44 |
| QRCSM35X40 | 44 |
| QRCSM35X50 | 44 |
| QRCSM35X75 | 44 |
| QRF3 | 11 |
| QRF3N | 11 |
| QRF4N | 11 |
| QRF5 | 11 |
| QRF6 | 11 |
| QRFPO28F5 | 11 |
| QRFPO28F8 | 11 |
| QRFPO48F5 | 11 |
| QRFPO48F8 | 11 |
| QRFPO63F | 11 |
| QRP12 | 11 |
| QRPO28F5 | 11 |
| QRPO28F8 | 11 |
| QRPO28M5 | 11 |
| QRPO28M8 | 11 |
| QRPO48F5 | 11 |
| QRPO48F8 | 11 |
| QRPO48M5 | 11 |
| QRPO48M8 | 11 |
| QRPO63F | 11 |
| QRPO63M | 11 |
| QRPOA63 | 11 |
| QRR10 | 11 |
| QRR12 | 11 |
| QRR3 | 11 |
| QRR37 | 11 |
| QRR4 | 11 |

| PRODUCT SKU | |
|---|---|
| QRR5 | 11 |
| QRR6 | 11 |
| QRR8 | 11 |
| QSBS20 | 37 |
| QSBS20B | 37 |
| QSBS20W | 37 |
| QSBS25 | 37 |
| QSBS25B | 37 |
| QSBS25W | 37 |
| QSC302LSFB | 37 |
| QSC302LSFR | 37 |
| QSC302LSFW | 37 |
| QSC342LSFB | 37 |
| QSC342LSFR | 37 |
| QSC342LSFW | 37 |
| QSC382LSFB | 37 |
| QSC382LSFR | 37 |
| QSC382LSFW | 37 |
| QSCATSH | 47 |
| QSEC | 58 |
| QSLR10-1 | 39 |
| QSLR10-125 | 39 |
| QSLR10-15 | 39 |
| QSLR10-175 | 39 |
| QSLR10-2 | 39 |
| QSLR10-25 | 39 |
| QSLR10-3 | 39 |
| QSLR8-1 | 39 |
| QSLR8-125 | 39 |
| QSLR8-15 | 39 |
| QSLR8-175 | 39 |
| QSLR8-2 | 39 |
| QSLR8-225 | 39 |
| QSLR8-25 | 39 |
| QSLR8-3 | 39 |
| QSLR8-75 | 39 |
| QSLS-BIT | 39 |
| QSLS10-1 | 39 |
| QSLS10-125 | 39 |
| QSLS10-15 | 39 |
| QSLS10-175 | 39 |
| QSLS10-2 | 39 |
| QSLS10-25 | 39 |
| QSLS10-3 | 39 |
| QSLS8-075 | 39 |
| QSLS8-1 | 39 |
| QSLS8-125 | 39 |
| QSLS8-15 | 39 |
| QSLS8-175 | 39 |
| QSLS8-2 | 39 |
| QSLS8-225 | 39 |
| QSLS8-25 | 39 |
| QSLS8-3 | 39 |
| QSST150S | 35 |
| QSST200S | 35 |
| QSST300LH | 35 |
| QSST300S | 35 |
| QSST360LH | 35 |
| QSST360S | 35 |
| QSST520LH | 35 |
| QSST520S | 35 |
| QSST840LH | 35 |
| QSSTM-4 | 36 |
| QSSTM-6 | 36 |
| QSTRAINM8 | 47 |

| PRODUCT SKU | |
|---|---|
| QT100M | 17 |
| QT1030XH | 20 |
| QT120M | 17 |
| QT120S | 18 |
| QT150I | 19 |
| QT150LH | 19 |
| QT160S | 18 |
| QT165M | 17 |
| QT190S | 18 |
| QT200I | 19 |
| QT200LH | 19 |
| QT200M | 17 |
| QT200RE | 20 |
| QT200S | 18 |
| QT230XH | 20 |
| QT250S | 18 |
| QT280XH | 20 |
| QT290I | 19 |
| QT300LH | 19 |
| QT300RE | 20 |
| QT300S | 18 |
| QT370I | 19 |
| QT370LH | 19 |
| QT370RE | 20 |
| QT370S | 18 |
| QT380XH | 20 |
| QT430S | 18 |
| QT450H | 20 |
| QT480XH | 20 |
| QT550H | 20 |
| QT550XH | 20 |
| QT730XH | 20 |
| QT760H | 20 |
| QT80M | 17 |
| QT810H | 20 |
| QT880XH | 20 |
| QTAG4 | 58 |
| QTAG5 | 58 |
| QTB100M | 17 |
| QTB1030XH | 20 |
| QTB12 | 21 |
| QTB120M | 17 |
| QTB120S | 18 |
| QTB15 | 30 |
| QTB150I | 19 |
| QTB150LH | 19 |
| QTB160S | 18 |
| QTB165M | 17 |
| QTB190S | 18 |
| QTB200I | 19 |
| QTB200LH | 19 |
| QTB200M | 17 |
| QTB200RE | 20 |
| QTB200S | 18 |
| QTB22 | 21 |
| QTB230XH | 20 |
| QTB250S | 18 |
| QTB280XH | 20 |
| QTB290I | 19 |
| QTB30 | 30 |
| QTB300LH | 19 |
| QTB300RE | 20 |
| QTB300S | 18 |
| QTB370I | 19 |
| QTB370LH | 19 |

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