BRITISH BG GENERAL

Electrical
Accessories

WIRING DEVICES & CIRCUIT PROTECTION

2025 EDITION

PHONE: 01952 238100   **EMAIL:** sales@bgelectrical.co.uk

luceco
GROUP

LUCECO
G R O U P

With over 80 years' experience, the Luceco PLC brands of Luceco LED Lighting, Kingfisher, BG Electrical, Masterplug and Ross are market leaders in key electrical categories, offering a "one stop shop" for trade and retail accessories.

Luceco is a manufacturer and distributor of high quality and innovative LED lighting products, wiring accessories and portable power products for a global customer base.

Our reputation is based on the reliability and functionality of our innovative products. By offering market leading warranties, technical support, dedicated customer service and marketing backup, we aim to make it easy for customers to specify and install sustainable lighting.

The teams behind Luceco have over 100 years combined lighting industry experience gained over disciplines such as product design, development, testing and product management. This enviable expertise coupled with the group resources mean that Luceco have the knowledge and ability to be at the forefront of LED lighting technology.

Luceco believes that we have a responsibility to care for and protect the environment in which we operate. We are fully committed to improving environmental performance across all of our manufacturing and other business activities, continually looking for new methods and materials to provide environmentally friendly solutions.

Our brands:

Wiring Accessories

BG Electrical is a leading manufacturer and distributor of high quality and innovative wiring accessories, circuit protection and portable power. With over 80 years of experience in manufacturing and distribution of electrical accessories, BG has gained an invaluable reputation.

PRODUCT RANGE

- Wiring accessories, comprising a range of switches and sockets in both plastic and decorative metal finishes, including USB charging sockets, Wi-Fi, Smart, exterior and IP weatherproof accessories

- Circuit protection, comprising consumer units (fuse boxes) and industrial switches

Portable Power

Founded in 1988 Masterplug is the UK market leader, serving retailers and trade wholesalers. We also offer a subrange under the Pro-XT trademark and supply a limited number of unbranded products to major customers. Product range offers solutions for home, garden, DIY, office and commercial.

PRODUCT RANGE

- Cable reels, extension leads, surge protection devices,

- Timers and travel adapters, for indoor and outdoor applications.

TV Wall Mounts & Accessories

Leading manufacturer of TV wall mounts and AV accessories. A full range of products to suit every requirement, from entry level to premium. We have the capability to produce in-house at our industry leading manufacturing facility to meet specific customer requirements and our products are sold worldwide through a network of trade and retail partners.

PRODUCT RANGE

- HDMI, co-axial and satellite connections

- USB charging and audio cables

- TV wall mounts and fixings

- Reception and distribution accessories

EV Charging

With over 80 years experience in the electrical industry, Sync Energy (part of the Luceco PLC Group) inspires confidence and trust. Our range of EV charging products for home, commercial or fleet operator are smart, powerful and safe, packed full of technology to future proof your investment.

PRODUCT RANGE

- Socketed/ tethered EV chargers

- EV accessories & charger cables

- Commerical charging

- EV charger circuit protection

LED Lighting

Luceco is a manufacturer and distributor of high efficiency, energy saving LED luminaires to the trade and specification markets. Established in 2013, to address the rapidly growing LED lighting market, Luceco LED lighting has rapidly established itself as one of the leading brands for professional lighting in the UK.

PRODUCT RANGE

- Interior lighting, including panels, downlights, battens and high bay

- Exterior lighting, including floodlights, bulkheads, road lanterns and bollards

- Retrofit lamps and tubes, including replacements for existing light fixtures

Sustainability
Our journey to net zero

Luceco Group is dedicated to achieving net zero and tackling climate change through innovative products and collaboration with experts and consumers in the electrotechnical industry.

Luceco understands the ambition and vision of its customers with a sustainable focus at the forefront, and share this goal of a collective journey towards net zero. Luceco's commitment to net zero goes beyond product development, to business operations, and through to its culture and people.

Luceco's commitment to sustainability is clear, and their range of products and services is helping customers achieve their own sustainability goals. By offering sustainable lighting solutions, Luceco is helping businesses reduce their environmental impact and save on energy costs. With their focus on sustainability and energy efficiency, it's no wonder Luceco is a leader in the lighting industry.

To this end it is our policy to source and manufacture products which comply with the following EU directives (where applicable) to ensure that our environment is protected:

· Directive 2011/65/EU – RoHS (Restriction of Hazardous Substances)

· Directive 2006/121/EC – REACH (Registration, Evaluation and Authorisation of Chemicals)

In addition, we will ensure that all products sold are disposed of in a responsible manner. To facilitate this, Luceco plc carries a valid registration with a notified service provider for compliance with the Directive 2002/96/EC – WEEE (Waste Electrical and Electronic Equipment).

Luceco plc will endeavour to communicate these policies to all members of staff with the express purpose of assisting in the procurement and sourcing of raw materials, sourcing of finished goods, and disposal of company waste. Our manufacturing site has gained ISO 14001:2004 approval for its environmental management system.

We continually aim to reduce our environmental impact from both products and activities. We are always looking for new methods and materials to provide environmentally friendly solutions.

Quality and Reliability

With over 80 years of experience in the manufacture and distribution of electrical accessories, BG has gained an enviable reputation for quality and reliability.

The number one goal of our continuous product development and improvement programs is to meet market and customer needs, both of the end user and installer. Our innovative products are designed with customer feedback and 'quality designed in'.

Our production facility boasts over 40 research & development, product packaging and tooling engineers, ensuring time to market development is minimised.

All products are manufactured to the latest British Standards, and all the company's sites

(both UK distribution and manufacturing) operate a BSI approved ISO 9001:2015 accredited quality management system. Our range of wiring accessories have been tested and approved by ASTA and proudly wear the diamond mark – a sign of quality.
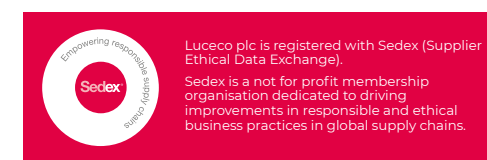
To ensure production quality and performance reliability all products are full type tested regularly in our on-site laboratory housing the latest test equipment. All products are subject to pre-shipment quality control inspections.

Ethical Policy

Luceco plc has an overriding obligation to the welfare of workers within its own manufacturing facility and supply chain.

Luceco plc uses the Ethical Trading Initiative (ETI) Base Code as it's standard for its own manufacturing operation and all primary suppliers across all our businesses.

Luceco plc is registered with Sedex (Supplier Ethical Data Exchange).

Sedex is a not for profit membership organisation dedicated to driving improvements in responsible and ethical business practices in global supply chains.

Ethical Trading Initiative
Respect for workers worldwide

The code states:

· Employment is freely chosen

· Freedom of association and the right to collective bargaining are respected

· Working conditions are safe and hygienic

· Child labour shall not be used

· Living wages are paid

· Working hours are not excessive

· No discrimination is practised

· Regular employment is provided

· No harsh or inhumane treatment is allowed

BG Guarantees

Confident in our workmanship and materials, BG offer a substantial guarantee on all products.

10 YEARS GUARANTEE

The BG Circuit Protection range of products are guaranteed against faulty materials and workmanship for a period of 10 years from date of delivery.

25 YEARS GUARANTEE

BG Electrical wiring accessory products are guaranteed against faulty materials and workmanship for a period of 25 years from date of delivery.

30 YEARS GUARANTEE

Nexus round edge white moulded range is guaranteed against faulty materials and workmanship for a period of 30 years from date of delivery.

Guarantees are subject to BG Electrical's conditions of sale and in particular to the following conditions being met:

- Notification of any defect is given to BG Electrical as soon as reasonably practicable after becoming apparent, and the products then returned to BG Electrical.

- The products have only been operated under normal operating conditions and have only been subject to normal use.

- No work (other than normal and proper maintenance) has been carried out to the products without BG Electrical's prior written consent.

- The products have been assembled or incorporated into other goods by a qualified and recognised electrician and only in accordance with any instructions issued by BG Electrical.

- The defect has not arisen from an item manufactured or supplied by a person other than BG Electrical.

- Products will be repaired or (at BG Electrical's discretion) replacements will be supplied or (at BG Electrical's discretion) a credit note will be issued.

Product Contents

BG

SUPERFAST
USB SOCKETS

All of BG Electrical's switches and sockets have been developed with the contractor in mind, with features that make installation as quick and as easy as possible.

Charge up **70% faster** than standard 12-15W charging**

13A power sockets with integrated 45W '*fast charge*'

Delivers **50% charge** to mobile phones in just **30 minutes***

No visible plastic around switches

USB-A & **USB-C** ports

Brushed Steel finish with lightly lacquered surface to reduce fingerprint marks

Nexus Metal features sleek and slim metal profile with softly rounded edges

Smart Charging - Intelligently adjusts the voltage to give devices the power they need, when they need it, without overcharging

Supports PD and QC charging protocols and outputs the best voltage & current for optimum charging

Angled, colour coded terminals with captive screws

Twin earth for high integrity circuits

Minimum mounting box depth 25mm

Moisture control gasket prevents tarnishing from new plaster (Nexus Metal only)

45W Perfect for laptops | **22W** Ideal for phones

Faster, Smarter USB charging.

USB A+C

FAST CHARGE

USB A+C

FITS 25mm BACK BOX

The latest innovation from BG Electrical is designed for performance and convenience, with USB Type-C & USB Type-A Ports, utilising variable fast charging technology to protect and prolong battery life by only delivering the power a device needs, when it needs it.

Offering fast, smart, straight-to-wall charging solutions designed to optimise socket usage. Striking the perfect balance between functionality, aesthetics, and efficiency.

The 45W USB wall sockets are perfect for charging higher powered devices such as laptops & tablets, whilst the 22W USB wall sockets are ideal for smartphones and smaller devices, providing straight-to-wall charging without the need for bulky adaptors, leaving your spaces tidy and freeing your sockets.

Fast charging can deliver up to 50%˙ charge to smartphones in as little as 30 minutes. Charge time varies with environmental factors and actual results will vary.

Variable voltage fast charge USB ports can charge up to 70%˙˙ faster than standard 12W-15W charging (˙when charging a iPhone 13 or similar device from 0% battery).

IN THE RANGE

White Moulded USB	17
Evolve USB	68
Flatplate USB	80
Nexus Metal USB	91

A$A APPROVED

10 YEARS GUARANTEE

BG Electrical products are guaranteed against faulty materials and workmanship for a period of 10 years from date of delivery.

Universal Compatibility

Compatible with all brands of laptops, smartphones, tablets, smartwatches and other USB chargeable devices.

Variable vs Fixed Voltage?

Variable Voltage sockets use built-in smart charging technology to communicate with the individual device, to only deliver the power a device needs, when it needs it. Meaning devices can charge from 0-50% or more, in as little as 30 minutes.

Variable Voltage follows three stages of charging:

Stage 1: Where fast charging occurs – 50% in 30 minutes.

Stage 2: The output slows as the battery nears full to protect battery health.

Stage 3: Once the battery is fully charged a small charge will be offered periodically as a 'top up', whilst pushing the maximum output to the other USB Port.

This protects and prolongs battery life, by never overcharging connected devices.

Variable Voltage USB Sockets are available in 45W & 22W.

Fixed Voltage sockets offer a cost-effective solution where speed of charging is not a priority *(e.g. charging overnight)*. These sockets will enter standby mode when a device is fully charged, protecting the devices battery life.

Fixed Voltage USB Sockets are available in 15W & 12W.

Is 45W Faster than 22W?

A **45W** wall socket typically charges faster than a 22W wall socket, however charging speeds will vary depending on the device and charging conditions.

Device capability: If the device supports fast charging of 45W or above, you will see faster charging than with a 22W socket. If the device can only accept 22W, then the charging speed will be the same.

Cable quality and type: The charging cable must support higher wattage for fast charging.

Battery management software: As the battery gets closer to full capacity, the device's software controls may slow down the charging speed to prevent damage, affecting the perceived charging speed between a 45W and a 22W charger.

45W wall sockets are perfect for charging higher powered devices such as laptops & tablets.

22W wall sockets are ideal for smartphones and smaller devices.

USB Power Delivery

USB Power Delivery (USB-PD, or PD) is a fast charging technology supported by certain Apple, Android and other devices. PD delivers much higher levels of power than standard USB charging. To use USB-PD you will need a USB-PD enabled device, USB-C cable and USB-PD charger.

Benefits include more power, faster charging, and voltage adjustment, which enables fast charging without delivering too much power which could lead to damaged circuitry from overcharging or overheating.

Qualcomm Quick Charge

Qualcomm Quick Charge (QC) is a fast charging technology supported by popular smartphone manufacturers including Samsung, LG and Sony. QC delivers much higher levels of power than conventional USB charging with the same benefits as USB-PD. To use Qualcomm Quick Charge, you will need a QC enabled device, cable and charger.

There is an increased demand within the home to charge multiple devices at the same time, as well as much faster and easier charging. Having several BG Fast Charging wall sockets around the home enables every family member to charge their devices without an argument over who gets the charging adaptors first!

In the commercial sector, high-footfall venues present a significant requirement for fast-charge points. From coffee shops, pubs, and restaurants, to hotels, conference venues, and airports … having access to a fast USB charging socket is a selling point. As society becomes increasingly digital, and staying connected is critical, offering the facility for customers to fast charge their devices, and in turn reduce 'charge anxiety', could be a key factor in attracting customers.

White Moulded
Wiring Accessories

If you are looking for a simple, sleek design, look no further than our range of moulded white wiring accessories.
The range is available with round or square edge profiles.

The round edge gives a premium feel whilst the square edge offers exceptional value. Both come with a wide range of features and benefits and are easy to install with angled in-line colour coded captive terminals.

BG White Moulded wiring accessories promote a healthy environment by facilitating up to 99% reduction in bacterial development on touch point surfaces. Manufactured using high grade thermoset Urea which effectively inhibits the growth of infectious diseases, including MRSA, E-Coli, Salmonella and Klebsiella Pneumonia bacteria.

White Moulded

ANTI MICROBIAL CERTIFIED

IN THE RANGE

25 YEARS GUARANTEE   **30 YEARS GUARANTEE**

BG Electrical products are guaranteed against faulty materials and workmanship for a period of 25/30 years from date of delivery.

Features & Benefits

Rounded Edge

Square Edge
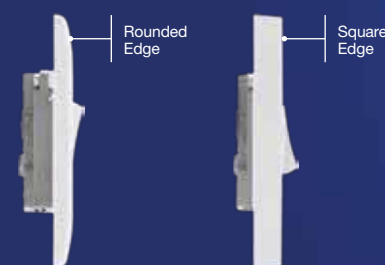
Flush LED power indicators

Screw covers for sleek appearance

Made from robust thermoplastic Urea with anti-microbial properties

OFF

ON

COOKER

Angled in-line colour coded captive terminals

Twin Earth

www.bgelectrical.uk

13 Amp Single Switched Socket with Fast Charge USB A + C (18W)

- Ideal for charging smartphones, tablets, power banks and portable gaming devices
- Simultaneous charging of two devices
- Smart charging with variable voltage - only delivers the power that your device needs without overcharging
- Supports PD & QC charging protocols for Android and iOS devices (when using a certified cable)
- Minimum mounting box depth 25mm - ideal for retro-fit
- Terminal Capacity 3 x 2.5mm, 3 x 4.0mm, 2 x 6mm
- Twin Earth fitted as standard - Ref. BS 7671:2008
- Manufactured to BS1363-2

821UAC18

Round Edge	Square Edge	Description	Inner Carton	Outer Carton
821UAC18	921UAC18	13A Single USB Socket A+C 18W	10	100

A$A
APPROVED

13 Amp Double Switched Socket with 2 x USB (12W)

- Ideal for charging phones, smart watches, headphones and e-readers
- Simultaneous charging of two devices (12W shared across both ports)
- Minimum mounting box depth 25mm - ideal for retro-fit
- Terminal Capacity 3 x 2.5mm, 3 x 4.0mm, 2 x 6mm
- Twin Earth fitted as standard - Ref. BS 7671:2008
- Manufactured to BS1363-2
- 10 Year Guarantee

822UAC12

Round Edge	Square Edge	Description	Inner Carton	Outer Carton
822UAA12	922UAA12	13A Double USB Socket 2xA 12W	5	50
822UAC12	-	13A Double USB Socket A+C 12W	5	50

A$A
APPROVED

13 Amp Double Switched Socket with 2 x USB A and 1 x USB C (15W)

- Ideal for charging phones, smart watches, headphones and e-readers
- Simultaneous charging of three devices (15W shared across three ports)
- Minimum mounting box depth 25mm - ideal for retro-fit
- Terminal Capacity 3 x 2.5mm, 3 x 4.0mm, 2 x 6mm
- Twin Earth fitted as standard - Ref. BS 7671:2008
- Manufactured to BS1363-2
- 10 Year Guarantee

822UAAC15

Round Edge	Square Edge	Description	Inner Carton	Outer Carton
822UAAC15	922UAAC15	13A Double USB Socket 2xA 1xC 15W	5	50

A$A
APPROVED

Fixed Voltage

When charging speed is not a primary concern (e.g. charging overnight).
Ideal for charging phones, smart watches, headphones and e-readers.

Universal compatibility and competitively priced USB A and C solutions – power shared between 2 ports.

Smart USB – adjusts output to suit connected device and will enter stand-by mode when fully charged. Protective overload function.

BG

SUPERFAST
USB SOCKETS

45W | 22W
Perfect for laptops | Ideal for phones

Faster, Smarter USB charging.

With USB Type-C & USB Type-A ports, utilising variable fast charging technology to protect and prolong battery life by only delivering the power a device needs.

USB A+C

13 Amp Double Switched Socket with Fast Charge USB A + C (22W)

- Ideal for charging smartphones, tablets, power banks and portable gaming devices
- Simultaneous charging of two devices
- Smart Charging with variable voltage - only delivers the power that your device needs, without overcharging.
- Supports PD & QC charging protocols for Android and iOS devices (when using a certified cable)
- Minimum mounting box depth 25mm - ideal for retro-fit
- Terminal Capacity 3 x 2.5mm, 3 x 4.0mm, 2 x 6mm
- Twin Earth fitted as standard - Ref. BS 7671:2008
- Manufactured to BS1363-2
- 10 Year Guarantee

A$A
Intertek Lic No.1182

822UAC22

Round Edge	Square Edge	Description	Inner Carton	Outer Carton
822UAC22	922UAC22	13A Double USB Socket A+C 22W	5	50

13 Amp Double Switched Socket with Fast Charge USB A + C (45W)

- Ideal for charging laptops, tablets, smartphones, video equipment and IoT devices
- Simultaneous charging of two devices
- Smart Charging with variable voltage - only delivers the power that your device needs, without overcharging.
- Supports PD & QC charging protocols for Android and iOS devices (when using a certified cable)
- Minimum mounting box depth 25mm - ideal for retro-fit
- Terminal Capacity 3 x 2.5mm, 3 x 4.0mm, 2 x 6mm
- Twin Earth fitted as standard - Ref. BS 7671:2008
- Manufactured to BS1363-2
- 10 Year Guarantee

A$A
Intertek Lic No.1182

822UAC45

Round Edge	Square Edge	Description	Inner Carton	Outer Carton
822UAC45	922UAC45	13A Double USB Socket A+C 45W	5	50

20 Amp 16AX Plate Switches

- 20 Amp, 16AX inductive rated
- Captive terminal screws
- Terminal capacity 4 x 1.0mm², 4 x 1.5mm², 2 x 2.5mm² & 1 x 4.0mm²
- Plate-switches manufactured to BS EN 60669-1
- Minimum mounting box depth: single & double – 16mm; 3, 4 & 6 gang – 25mm

844

ASA APPROVED

Round Edge	Square Edge	Description	Inner Carton	Outer Carton
811	911	Single, 1 way	10	100
812	912	Single, 2 way	10	100
813	913	Intermediate switch	10	100
814	914	Single, bell push	10	100
842	942	Double, 2 way	10	100
843	943	Triple, 2 way	10	100
844	944	Quadruple, 2 way	5	50
846	946	Six switch, 2 way	5	50

10 Amp 3 Pole Fan Isolator

- 10 Amp, triple pole
- Captive terminal screws
- Terminal capacity 4 x 1.0mm², 4 x 1.5mm², 2 x 2.5mm² & 1 x 4.0mm²
- Manufactured to IEC 60669-2-4
- Minimum mounting box depth – 16mm

815F   915

ASA APPROVED

Round Edge	Square Edge	Description	Inner Carton	Outer Carton
815	915	3 pole fan isolator	10	100
815F	-	Fused fan isolator switch	10	100

20 Amp 16AX Architrave Switches

- 20 Amp, 16AX inductive rated
- Captive terminal screws
- Terminal capacity 4 x 1.0mm², 4 x 1.5mm², 2 x 2.5mm² & 1 x 4.0mm²
- Plate-switches manufactured to BS EN 60669-1
- Minimum mounting box depth – 16mm
- Single pattress box (837), double pattress box (838)

847   849

Round Edge	Square Edge	Description	Inner Carton	Outer Carton
847	-	Single, 1 way	20	200
848	-	Double, 2 way	10	100
849	-	Single, 1 way retractive marked "PRESS"	20	200

13 Amp Socket Outlets

- Twin earth fitted as standard to allow a double earth facility for installations requiring high integrity protective connection Ref. BS 7671:2008
- Manufactured to BS 1363-2
- Minimum mounting box depth – 25mm
- Terminal capacity 3 x 2.5mm², 3 x 4.0mm² & 2 x 6.0mm²

822DP

923

ASA APPROVED

Round Edge	Square Edge	Description	Inner Carton	Outer Carton
821	921	Single switched SP	10	100
821DP	921DP	Single switched DP	10	100
822	922	Double switched SP	5	50
822DP	922DP	Double switched DP	5	50
822DPOB	-	Double DP, switched, outboard rockers	5	50
823	923	Single unswitched	10	100
824	924	Double unswitched	5	50
825	925	Single switched with indicator	10	50
826	926	Double switched with indicator	5	50

13 Amp Door Chime Power Socket Outlet

- Integrated door chime keeps sockets free
- 100m (open air) wireless range - suitable for large homes
- Adjustable volume up to 80dB
- LED indicator - visual indication of door chime activation
- Battery Powered IP44 rated push button supplied with CR2032 battery
- Minimum mounting box depth 25mm
- Terminal capacity 3 x 2.5mm², 3 x 4.0mm² & 2 x 6.0mm²

822BELL

Round Edge	Description	Inner Carton	Outer Carton
822BELL	Double, switched	5	20

13 Amp Converter Switched Socket Outlet

- Converts a single socket to a double with no alteration to the wall box
- Minimum mounting box depth – 25mm
- Terminal capacity 3 x 2.5mm², 3 x 4.0mm² & 2 x 6.0mm²
- Manufactured to BS 1362 Part 2

822CON

Round Edge	Square Edge	Description	Inner Carton	Outer Carton
822CON	-	Double, 2 way SP	5	50

3 Step Easy Install

1. Switch off electricity supply & remove the old socket
2. Fix to wall box & fit screw cover caps
3. Connect the new converter socket

Type A RCD Protection

- Maximum load 3120 watts 240V
- 30 mA trip speed 40 ms
- Latching type
- Terminal capacity 3 x 2.5mm², 2 x 4.0mm² & 1 x 6.0mm²
- Manufactured to BS 7288:2016
- Minimum mounting box depth – 35mm
- 855ARCD – Removable flex outlet
- 10mm spacer provided for shallow boxes

822ARCD

855ARCD

TYPE A
RCD

Round Edge	Description	Inner Carton	Outer Carton
822ARCD	13 Amp double switched socket	5	50
855ARCD	13 Amp fused connection unit	10	100

RCD Types – Latching vs Non-Latching

There are 2 types of RCD – Latching and Non-Latching; also termed active and passive. Both types are accepted by British Standards and it is up to the user to choose the type of RCD most suitable for their application.

Latching Passive RCD

Latching, or Passive, RCD's "remember" the state they were in prior to the power being switched off.

Non-Latching Active RCD

Non-latching, or Active, RCDs switch off when the power to them is turned off. Every time the supply to the RCD is interrupted it will trip and will need to be reset.

Combination Plates

- Twin earth fitted as standard to sockets
- Manufactured to BS 1363 Part 2
- Terminal capacity 3 x 2.5mm², 3 x 4.0mm² & 2 x 6.0mm²
- Mounting box depth – 47mm
- Mounting boxes 8222EM8 – HGS07/C4, 822EM4 – HGS07/C2
- Modules of mains and extra low voltage rating must not be fitted to the same front plate aperture Ref. BS 7671:2008

*See our Euro Module range for further Telecom, Data and Co-axial options
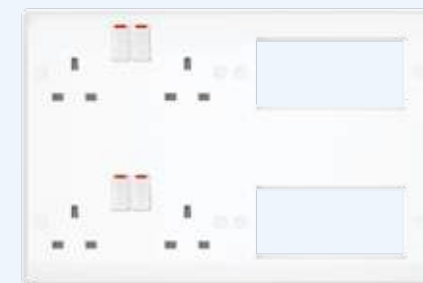
8222EM8

Round Edge	Description	Inner Carton	Outer Carton
822EM4	1 x Double DP 13 Amp switched sockets and 4 Euro module (1 x 4 EM)	1	10
8222EM8	2 x Double DP 13 Amp switched sockets and 8 Euro module (2 x 4 EM)	1	20

13 Amp Fused Connection Units

- Manufactured to BS 1363-4
- Angled colour coded terminals with captive screws
- Terminal capacity 3 x 2.5mm², 2 x 4.0mm² & 1 x 6.0mm²
- Minimum mounting box depth – 25mm
- Square edge products have an integrated flex outlet and reversible cord-grip. Flex out knockout on bottom edge of the plate
- Round edge spacer option available to convert for flex out option (8CGS) – *See page 25*

850

852

A$A
APPROVED

950

951

Round Edge	Square Edge	Description	Inner Carton	Outer Carton
850	950	Switched and fused	10	100
852	951	Switched and fused with indicator	10	100
-	953	Unswitched with 3 Amp fuse	10	100
854	952	Unswitched and fused	10	100
856	-	Unswitched and fused with indicator	10	100

13 Amp Fused Connection Units – with Flex Outlet

- Manufactured to BS 1363 Part 4
- Angled colour coded terminals with captive screws
- Terminal capacity 3 x 2.5mm², 2 x 4.0mm² & 1 x 6.0mm²
- Cable entry at lower edge, with removable blanking piece, and reversible cord-grip
- Minimum mounting box depth 25mm

855

857

A$A
APPROVED

851

853

Round Edge	Description	Inner Carton	Outer Carton
851	Switched and fused	10	100
853	Switched and fused with indicator	10	100
855	Unswitched and fused	10	100
857	Unswitched and fused with indicator	10	100

45 Amp Double Pole Switches

- Cooker control units manufactured to BS4177
- Double pole switches to BS EN 60669-1
- Minimum mounting box depth – 47mm
- L & N terminal capacity 4 x 4.0mm², 3 x 6.0mm² & 1 x 16.0mm²
- E terminal capacity 3 x 4.00mm², 3 x 6.0mm² & 1 x 6.0mm²
- 10mm spacer available to provide additional wiring space (817 – Sq, 818 – Rect)

974

Round Edge	Square Edge	Description	Inner Carton	Outer Carton
872	972	Large plate with indicator	5	50
873	973	Large plate	5	50
874	974	Single plate with indicator	10	100
875	975	Single plate	10	100

A$A APPROVED

45 Amp Cooker Control Unit

- Cooker control units manufactured to BS4177
- Double pole switches to BS EN 60669-1
- Minimum mounting box depth – 47mm
- L & N terminal capacity 4 x 4.0mm², 3 x 6.0mm² & 1 x 16.0mm²
- E terminal capacity 3 x 4.00mm², 3 x 6.0mm² & 1 x 6.0mm²
- 10mm spacer available to provide additional wiring space (817 – Sq, 818 – Rect)

870

Round Edge	Square Edge	Description	Inner Carton	Outer Carton
870	970	Cooker control unit with 13 Amp socket and indicators	5	50
871	971	Cooker control unit with 13 Amp socket	5	50

A$A APPROVED

45 Amp Cooker Outlet

- Terminal capacity outlet 2 x 10mm²
- Cable entries in bottom edge
- Manufactured to BS 5733

Internal view

879

Round Edge	Square Edge	Description	Inner Carton	Outer Carton
879	979	Flex outlet plate, bottom entry	10	100

25 Amp Flex Outlet Plate

- Cable entry at lower edge, with removable reducer, and reversible cord-grip
- Terminal capacity 3 x 2.5mm² & 1 x 4.0mm²
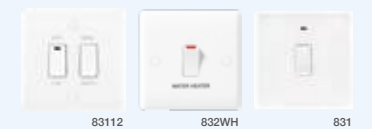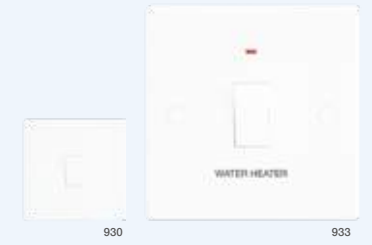- Minimum mounting box depth – 25mm
- Manufactured to BS 5733

858 – internal view

858

Round Edge	Square Edge	Description	Inner Carton	Outer Carton
858	954	Flex outlet plate, bottom entry	10	100

20 Amp & 32 Amp Double Pole Switches

- 20 Amp terminal capacity 3x 2.5mm², 2 x 4.0mm² & 1 x 6.0mm²
- 32 Amp terminal capacity 2x 10mm² & 1 x 10mm² earth
- Colour coded terminals with captive backed out screws
- Manufactured to BS EN 60669-1
- Minimum mounting box depth – 25mm
- Square edge has flex outlet with knock-out and reversible cord grip in bottom edge. Rounded edge cable entry at lower edge, with removable blanking piece, and reversible cord-grip

930   933

83112   832WH   831

Round Edge	Square Edge	Description	Inner Carton	Outer Carton
830	930	20 Amp	10	100
831	931	20 Amp with indicator	10	100
832	-	20 Amp with flex outlet	10	100
832WH	932	20 Amp, marked water heater with flex outlet	10	100
833	-	20 Amp with indicator and flex outlet	10	100
833WH	933	20 Amp, marked water heater, indicator & flex outlet	10	100
83112	-	20 Amp immersion heater switch with indicator	10	100

A$A APPROVED

Shaver Socket

- Terminal capacity 3 x 2.5mm² & 2 x 4.0mm²
- Minimum mounting box depth 47mm
- Manufactured to BS EN 61558-1 and BS EN 61558-2-5

A$A APPROVED

820   940

Round Edge	Square Edge	Description	Inner Carton	Outer Carton
820	940	115/240V dual voltage shaver socket	5	30
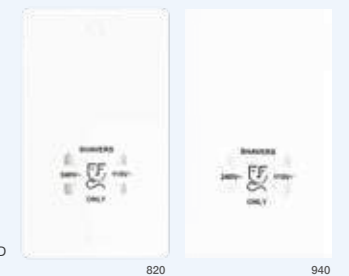
Intelligent Dimmer Switch - Push Type

- Intelligent dimmer suitable for LED, halogen and incandescent lamps
- Soft start, smooth dimming control and silent operation
- 2 Way push on/off with rotary control
- Overload protection
- Clearly marked terminals with backed out captive screws for easy installation
- Terminal capacity 3 x 1mm², 2 x 1.5mm² & 1 x 2.5mm²
- Manufactured to BS EN 60669-2-1
- Minimum mounting box depth 25mm
- 220-240V AC

882

APPROVED

Round Edge	Square Edge	Description	Inner Carton	Outer Carton
881	981	Single, 2 way push on/off	10	100
882	982	Double, 2 way push on/off	10	100
883	983	Triple, 2 way push on/off	5	50
884	984	Quadruple, 2 way push on/off	5	50

Replacement Modules

DMLT
- Intelligent dual dimmer module allows you to switch between leading and trailing edge.
- Set to trailing edge as default.
- Suitable for LED, halogen and incandescent lamps.
- Trailing edge mode: 5-150W
- Leading edge mode: 5-100W

DMSW8A/2W
- Dummy dimmer switch gives the appearance of a dimmer switch, but with regular on/off 2-way switching (no dimming function).

DMLT

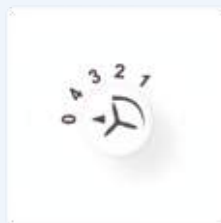| Product Code	Description
DMSW8A/2W	2 way push on/off switch, dummy dimmer, 100W
DMLT	2 way intelligent dual dimmer module, 150W

APPROVED

Fan Controller

- Manufactured to BS EN 60669-2-1
- Minimum mounting box depth – 35mm
- 10mm spacer available to provide wiring space (817 – Sq)

887

987

Round Edge	Square Edge	Description	Inner Carton	Outer Carton
887	987	Single, 1 way rotary, 100W (export only)	10	100

Round Pin & Export Socket Outlets

- 2/5/15A Manufactured to BS 546
- Minimum mounting box depth: 2/5/16 Amp – 25mm; 15A – 35mm

899

829   999

Round Edge	Square Edge	Description	Inner Carton	Outer Carton
828	928	Single, 2 Amp unswitched socket, round pin	10	100
829	929	Single, 5 Amp unswitched socket, round pin	10	100
829S	-	Single, 5 Amp, switched socket, round pin	10	100
899	999	Single 15 Amp switched socket, round pin	10	100

16 Amp Hotel Key Card Switch

- 50 x 50mm Euro Module with locator LED
- Load rating – 1800W for incandescent, 800W for fluorescent
- 30 second power-off delay
- Mounting box depth – 47mm
- Colour coded terminals with backed-out captive screws
- Designed and manufactured to BS EN60669-4
- Supplied as kit of Euro Module components

8KYCSW

Round Edge	Description	Inner Carton	Outer Carton
8KYCSW*	16 Amp, hotel key card switch	5	100

Co-Axial, Satellite & Screened Socket Outlets

- EM = Euro Module configuration
- Manufactured to BS 5733 where applicable
- Co-axial and satellite minimum mounting box depth – 25mm
- Triplex minimum mounting box depth – 35mm

*See our Euro Module range for further Telecom, Data and Co-axial options

868

APPROVED

960

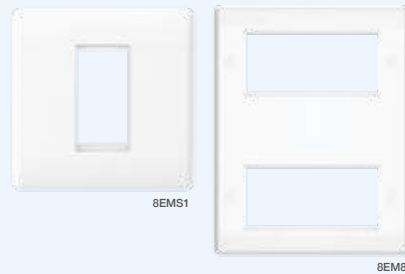| Round Edge	Square Edge	Description	Inner Carton	Outer Carton
860	960	Single co-axial socket	10	100
861	961	Double co-axial socket	10	100
862	962	Single isolated co-axial socket	10	100
863	963	Double isolated co-axial socket	10	100
864	964	Single satellite socket	10	100
865	965	Double satellite & co-axial socket	10	100
866	966	Double diplex TV/FM	10	100
867	-	Triple TV/FM/SAT triplex – screened	10	100
868	-	Triplex with BT outlet & co-axial return – screened	5	50
869	-	Quadplex, 2x SAT, BT outlet & co-axial returned – screened	5	50

Euro Module Front Plates

• Manufactured to BS 5733
• Mounting Box for 8EM8 – HGS07/C2

Round Edge	Description	Inner Carton	Outer Carton
8EMS1	Single Euro Module, single plate	10	100
8EMS2	Twin Euro Module, single plate	10	100
8EMR4	Quad Euro Module, double plate	5	50
8EM8	2x Quad Euro Module, double stack plate	5	50

8EMS1

8EM8

Telephone & Data Outlets

• Minimum mounting box depth – 35mm
• Manufactured to BS 6312 Part 2 where applicable

*See our Euro Module range for further Telecom, Data and Co-axial options

Round Edge	Square Edge	Description	Inner Carton	Outer Carton
8BTM/1	9BTM/1	Single telephone socket master (screw)	10	100
8BTM/2	9BTM/2	Double telephone socket master (screw)	10	100
8BTS/1	9BTS/1	Single telephone socket secondary (screw)	10	100
8BTS/2	9BTS/2	Double telephone socket secondary (screw)	10	100
8BTMI/1	-	Single telephone socket master (IDC)	10	100
8BTMI/2	-	Double telephone socket master (IDC)	10	100
8BTSI/1	9BTSI/1	Single telephone socket secondary (IDC)	10	100
8BTSI/2	-	Double telephone socket secondary (IDC)	10	100
8RJ11/1	9RJ11/1	Single RJ11 telephone socket (screw)	10	100
8RJ11/2	9RJ11/2	Double RJ11 telephone socket (screw)	10	100
8RJ45/1	9RJ45/1	Single RJ45 data socket (IDC)	10	100
8RJ45/2	9RJ45/2	Double RJ45 data socket (IDC)	10	100

9RJ45/2

APPROVED

8BTM/1   8BTM/2

Blank Plates

• Blank plates are ideal for safely covering unused electrical connections
• Manufactured to BS 5733

Round Edge	Square Edge	Description	Inner Carton	Outer Carton
894	904	Single blank plate	20	200
895	905	Double blank plate	10	100
836	-	Single architrave blank plate	20	200

894
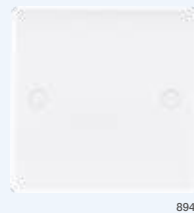
Antimicrobial Properties
White Moulded Wiring Accessories

BG Nexus white moulded wiring accessories promote a healthy environment by facilitating up to 99% reduction in bacterial development on touch point surfaces. Manufactured using high grade thermoset Urea which effectively inhibits the growth of infectious diseases, including MRSA, E-Coli, Salmonella and Klebsiella Pneumonia bacteria.

ANTI MICROBIAL CERTIFIED

Surface Boxes and Spacers

• Surface boxes have multiple knock-outs and earth terminal fitted as standard
• Manufactured to BS 5733
• Spacers provide greater clearance for installation wiring where shallow mounting boxes are used, an alternative to fitting a deeper box

892

| Round Edge	Square Edge	Description	Inner Carton	Outer Carton
891	901	Single surface pattress for socket outlet 32mm	10	100
892	902	Double surface pattress 32mm	5	50
893	903	Single pattress with earth terminal for plate switches 19mm	10	100
-	906	10 way connection unit	5	50
896	909	Dual surface pattress, 27mm	5	50
-	910	Single to double convertor surface box	5	50
837	-	Double architrave surface box, 19mm	20	200
838	-	Double architrave surface box, 19mm	10	100
877	977	Single surface box, 50mm (877), 45mm (977)	10	100
878	978	Double surface box, 50mm (878), 45mm (978)	5	50
8CGS	-	Cord grip spacer, for use with 13 Amp fused connection unit or 20 Amp switches	20	200
CMP8132	CMP9132	Single PVC surface pattress, 32mm	5	50
CMP8232	CMP9232	Double PVC surface pattress, 32mm	5	50
817	-	Single 10 mm square spacer	20	200
817/B	-	Single 10 mm square spacer, black	20	200
817/G	-	Single 10 mm square spacer, grey	20	200
818	-	Double 10mm rectangular spacer	10	100
818/B	-	Double 10mm rectangular spacer, black	10	100
818/G	-	Double 10mm rectangular spacer, grey	10	100

901

Cord Grip Spacer Explained

• For use with non flex out 13 Amp fused connection units and 20 Amp switches

• Cable is inserted through the aperture in the spacer and connected to the terminals. It is then clamped by the cord grip prior to mounting the accessory to the wall box

• Separate spacer allows for stock flexibility

Spare Accessories

Product Code	Description	Inner Carton	Outer Carton
8SC10/10	Screw caps, pack of 10	100	1000
NFS19/10	M3.5 x 19mm screws, pack of 10	100	1000
NFS28/10	M3.5 x 28mm screws, pack of 10	50	500
NFS38/10	M3.5 x 38mm screws, pack of 10	20	200
NFS50/10	M3.5 x 50mm screws, pack of 10	20	200
NFS75/10	M3.5 x 75mm screws, pack of 10	20	200
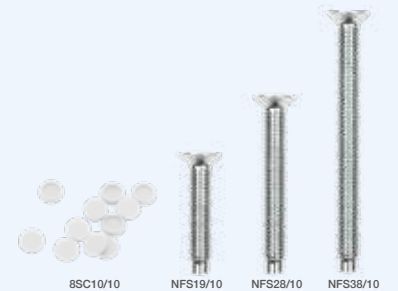
8SC10/10   NFS19/10   NFS28/10   NFS38/10

Euro Module Range Extension

Quick & Easy Installation

A flexible solution of power, data, telephone, television and audio combinations to suit the wide ranging needs of the customer.

• Select the desired combination of front plate and module(s)

• Simple installation, wire the module through the front plate aperture then push the module into place

• Modules of mains and extra low voltage rating must not be fitted to the same front plate aperture Ref. BS 7671:2008
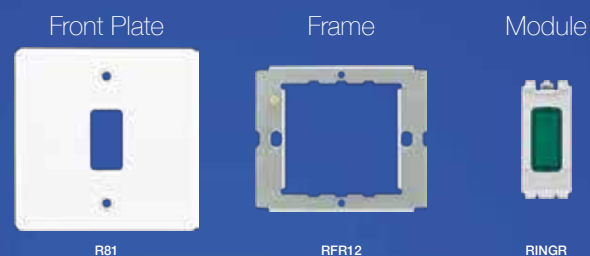
See page 54, 56 & 57

Front Plate	Modules		
8EMR4	EMTVFMSAT2W	EMNSSATW	EMBTMSW

Grid Range Extension

Quick & Easy Installation

A customisable selection of power grid modules that provide a seamless appearance with the associated wiring accessories.

• Firstly, screw the grid frame to the mounting box and wire the modules

• Then slot the module on to the frame and click into place

• Finally, fit the finished plate

See page 48, 50 & 47

Front Plate	Frame	Module
R81	RFR12	RINGR

Sync energy

Wall Charger 2
Tethered & Socketed

Providing smart, cost-effective EV charging with full control via the Sync Energy app, designed for both installers and users.

Auto Solar charging and Tariff Sense intelligent rate-based scheduling to maximise savings and sustainability.

SOLAR CHARGING	3 SOCKETED MODELS	2 TETHERED MODELS	TYPE 2	3 YEAR WARRANTY

View the full range at **www.sync.energy** or **scan the QR code**

Extend your Wi-Fi coverage throughout your home

www.bgelectrical.uk

Wi-Fi Socket
Range Extender

Designed to work with all wireless broadband routers and easy to install with one touch WPS, this includes a USB charging port and eradicates the need for plug in adaptors, keeping sockets free for use. Available in a white moulded, decorative and weatherproof options and designed to fit a 25mm backbox, ideal for retrofit.

FITS 25MM BOX

SMART USB CONNECTIVITY

300 MBPS

2.4 GHz SINGLE BAND

N300 Mbps

White Moulded

ANTI MICROBIAL CERTIFIED

IN THE RANGE

Wi-Fi Extender Socket   34

10 YEARS GUARANTEE

BG Electrical products are guaranteed against faulty materials and workmanship for a period of 10 years from date of delivery.

13 Amp Wi-Fi Extender Socket
with USB Charger 1x Outlets 2.1A

- Extend your Wi-Fi coverage through-out your home
- Works with all wireless broadband routers
- Easy to install and setup with one touch WPS
- N300 Wi-Fi technology – Up to 300Mbps data transfer speed. Single band (2.4GHz)
- Perfect for streaming music and videos or playing online games
- USB charger ideal for phones, tables, cameras and other USB devices
- Double switched socket with outboard rockers
- Minimum mounting box depth – 25mm; ideal for retrofit
- Manufactured to BS1363-2
- Terminal capacity 3x 2.5mm², 3x 4.0mm² & 2x 6.0mm²

822UWR

ASA APPROVED

Round Edge	Description	Inner Carton	Outer Carton
822UWR	Double 13 Amp, SP, switched with Wi-Fi extender + 1x USB (2.1A)	5	50

BG LUCECO

Smart!

SMART HOME **POWER** & **LIGHTING**

Take control of your **connected** **devices** from anywhere

Your life connected, your life smarter!

www.bgelectrical.uk

Simple to set up and ideal for retro-fit installation, these sockets work using your home Wi-Fi network, providing an inexpensive smart home solution with no Hub required – simply download the BG Home App to control your sockets with your smartphone.

Automate your devices with timers, scenes, delays and random operation, and protect your settings with the parental lock function whilst sharing control with others in your household.

The smart home integrations with Amazon Alexa, Hey Google and Siri Shortcuts allow you to operate your sockets using your voice and set up automated actions based on geolocation, weather and more for a truly smart solution.

Control your Power by:

Touch | Voice | Mobile

Compatible with:

WORKS WITH alexa | Works with Siri Shortcuts | works with Hey Google

GET IT ON Google Play | Download on the App Store

IN THE RANGE

Smart Socket	35
Smart Adaptor	35
Smart Outdoor Socket	35
Smart Extension Lead	35
Smart Lighting	36

3 YEARS GUARANTEE

BG Electrical products are guaranteed against faulty materials and workmanship for a period of 3 years from date of delivery.

HOME AUTOMATION

Set Timers
Set up timers so your device will turn on/off at specific times. You could set a timer to have your morning coffee ready each day and save energy by turning off unused sockets.

Set a Delay
Ideal for sockets and adaptors where you require extra safety, such as hair straighteners, and for when you want to charge your mobile device for a set period of time; turning off once reaching full charge.

Create Scenes
Add different smart scenes to suit your lifestyle. Turn multiple sockets and adaptors on/off together without having to operate them independently.

Random Function
Operate lamps and other devices randomly to mimic home occupancy for additional security. Set a time period to run random operation and toggle on/off when required.

KEEPING YOU IN CONTROL

Parental Lock
Easily de-activate the smart socket buttons to prevent others from changing any in-app settings and prevent sockets being turned on and off at the wall.

Share Control
Invite other household members to share control of sockets within the app whilst protecting your key settings with the parental lock.
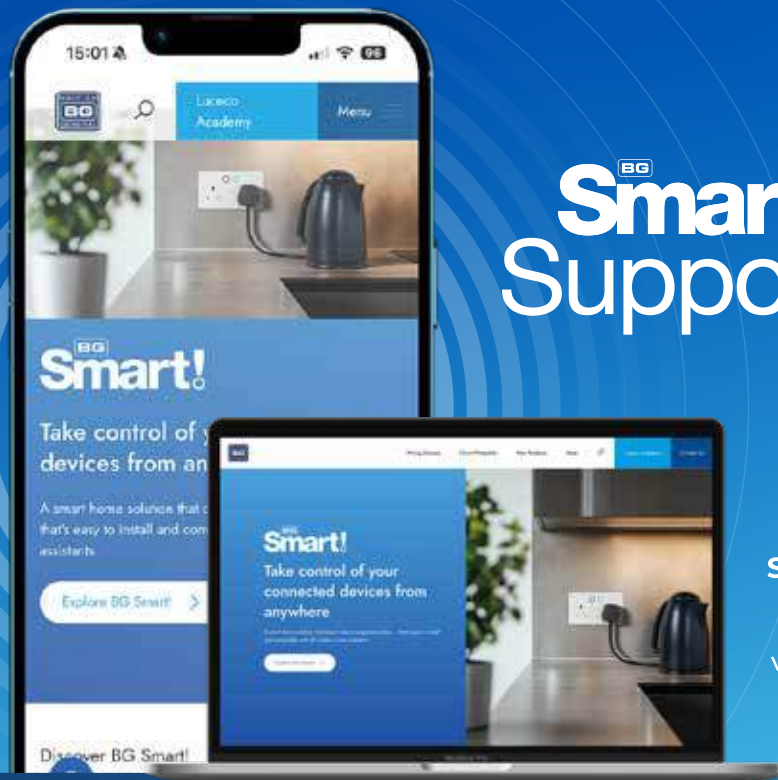
Manage Homes
Create multiple homes to manage devices in more than one property and switch easily between properties within the app.

Custom Notification
Be aware of your devices status at all times and add custom notifications in the smart app so you know if a device has gone offline.

Smart! Support Hub

Your Comprehensive Smart Home Solution

Easy to Install ☑
Voice Assistant Compatible ☑
No Hub Required ☑

Smart! Tutorials

The Smart! Tutorials Channel, where you can find the latest video tutorials covering all aspects of our Smart! Range.

Covering tips and advice for product installation, app setup & guides taking you through Smart! functionality, allowing you to really utilise all the benefits our Smart! range provides.

2.4GHz or 5GHz?

Are you experiencing difficulties connecting your Smart! devices to your network? What does 2.4GHz and 5GHz mean? Read our quick guide to get you and your Smart! devices connected.

SMART! FAQ

View our Smart! FAQ, BG user guides, instruction manuals and datasheets for all Smart! devices.

---
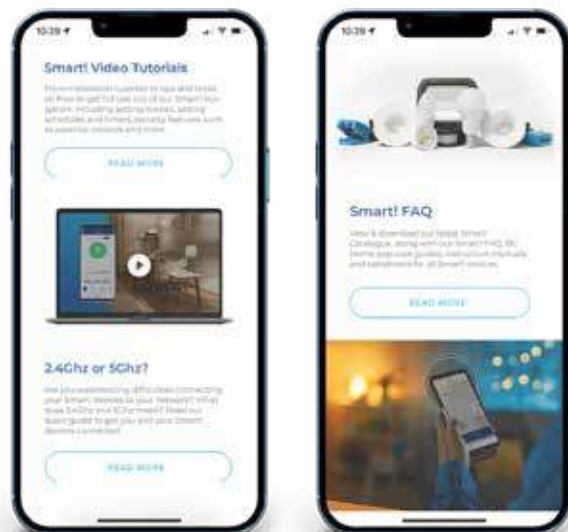
13 Amp Switched Smart Socket & 13 Amp Smart Power Adaptor

• Control and schedule power indoors via touch, voice commands or App
• Operates using your home Wi-Fi network on 2.4GHz
• Set timer schedules, countdown function or random security options
• Compatible with Hey Google, Amazon Alexa and Siri shortcuts
• Manufactured to BS1363-2

Socket
• Individual socket control
• Minimum mounting box depth – 25mm; ideal for retrofit
• Terminal capacity 3 x 2.5mm², 3 x 4.0mm² & 2 x 6.0mm²

Adaptor
• Plug in adaptor – no wiring required

AHC/U   822/HC

Round Edge	Square Edge	Description	Inner Carton	Outer Carton
822/HC	922/HC	Double, 13 Amp, SP switched	5	50
AHC/U	-	13 Amp, plug in adaptor	6	30

Smart 13A Switched Outdoor Socket

• Control and schedule power outdoors via touch, voice commands or App
• Operates using your home Wi-Fi network on 2.4GHz
• Set timer schedules, countdown function or random security options
• Compatible with Hey Google, Amazon Alexa and Siri shortcuts
• Ideal for operating outdoor lights and water features
• Individual socket control
• IP66 rated, seals plugs in use
• High impact polycarbonate housing
• Patented cable entry prevents accidental opening
• Large open/closer paddles for easier operation
• Fast fix – no separate screws, no screw covers, 150° rotation
• Lockable hinged cove
• Terminal capacity 3 x 2.5mm², 3 x 4.0mm² & 2 x 6.0mm²
• Manufactured to BS1363-2

WP22/HC

Product Code	Description	Inner Carton	Outer Carton
WP22/HC	Double, 13 Amp, SP, switched	-	10

Smart 13A 3 Socket Extension Lead

• Control and schedule power indoors via touch, voice commands or App
• Operates using your home Wi-Fi network on 2.4GHz
• Set timer schedules, countdown function or random security options
• Compatible with Hey Google, Amazon Alexa and Siri shortcuts
• Individual socket control or all sockets together
• Fitted with one metre of cable to extend the reach of your socket
• Wall fixing capability for an 'off the floor' neat and tidy solution
• Manufactured to BS1363-2

EHC31

Product Code	Description	Inner Carton	Outer Carton
EHC31	3 socket, 1 metre, 13 Amp	4	8

FTYPE COMPACT

- Regressed bezel design – provides low glare light output
- Compact shallow profile – fits ceiling voids as low as 43mm
- Intelligent smart meshing
- Reliable – does not overload Wi-Fi network
- Operates using your home Wi-Fi network on 2.4GHz – no Hub required
- Self-healing for improved reliability
- Group and control BG Luceco Smart! lighting together or individually via voice command or the app
- Communicates* beyond Wi-Fi router perimeter

*must have other lighting devices in range connected to Wi-Fi

EFCB60WSMT
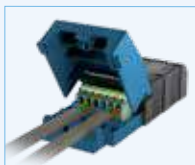
EFCF60WSMT

Loop-In/Loop-Out push fit terminals

Cable clamp housing for quick and easy installation

Control your Lighting:
Mobile   Voice   Switch

Regressed	Flat	Description
EFCB60WSMT	EFCF60WSMT	550lm, 6W, 2700K-6500K & RGB

CASTRA

Security Floodlight

- Intelligent smart meshing
- Reliable – does not overload Wi-Fi network
- Operates using your home Wi-Fi network on 2.4GHz – no Hub required
- Self-healing for improved reliability
- Adjustable Smart PIR setting: Time, Lux, Sensitivity
- Override function for dusk till dawn operation
- Group and control BG Luceco Smart! lighting together or individually via voice command or the app
- Communicates* beyond Wi-Fi router perimeter

*must have other lighting devices in range connected to Wi-Fi

LSMFSP20B150

Rotatable ball joint

Control your Lighting:
Mobile   Voice   Motion Detector

Product Code	Description
LSMFSP20B150	2400lm, 20W, 5000K

GET IT ON Google Play

Download on the App Store

Smart!

Dimmer Switch
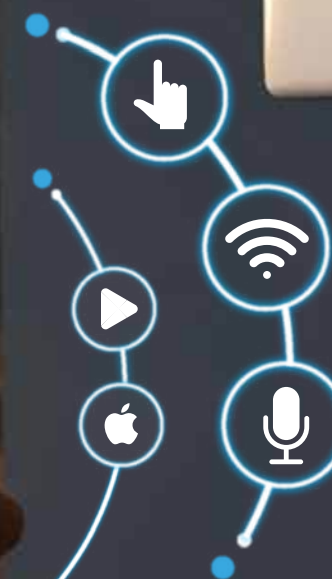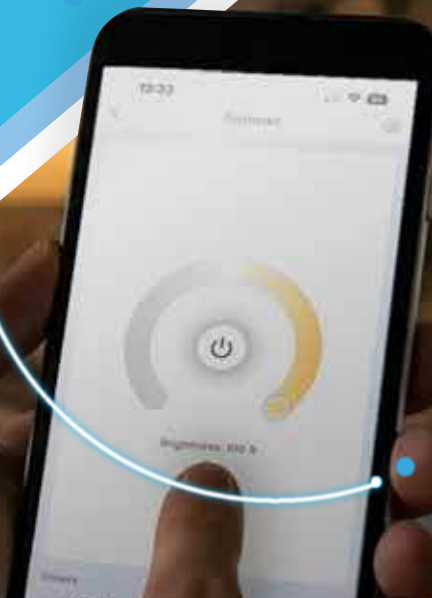### Smart Lighting Control, Simplified.

Control your Lighting by:

Mobile

Voice

Touch

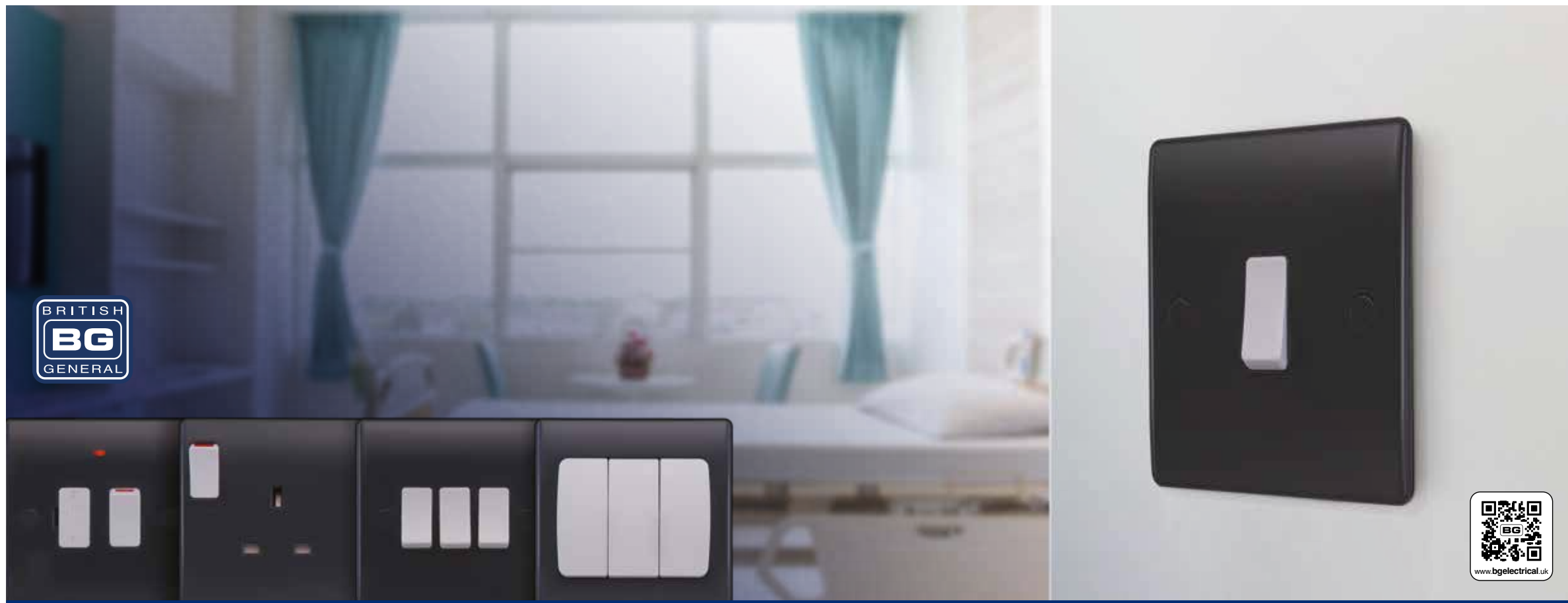Control your lighting with the intuitive BG Smart App and Smart Dimmer.

881M/HC	Single Master Smart Dimmer
881S/HC	Single Secondary Smart Dimmer
882M/HC	Double Master Smart Dimmer
882S/HC	Double Secondary Smart Dimmer
DMHCM	Master Smart Dimmer Module
DMHCS	Secondary Smart Dimmer Module

- **Simple** Bluetooth set up, then works via your home Wi-Fi
- **Automate** timers, scenes and share control in the BG Smart App
- **Voice control** with Alexa, Hey Google and Siri
- **Control all BG Smart** devices in the new BG Smart App
- **Easy install** – fits a 25mm box, no neutral required
- **Upgrade** standard BG dimmers with a BG Smart dimmer module

WORKS WITH alexa   works with Hey Google   Works with Siri Shortcuts   Bluetooth

www.**bgelectrical**.uk

Part M
Wiring Accessories

Part M is split into 4 sections, part M1 – Access and use, includes the facilities within a building, and covers the design considerations of electrical accessories such as switches and sockets. The BG Electrical Part M range offers a wide range of suitable solutions to enable compliance to the requirements of Part M1 (Sections 4.25 to 4.29).
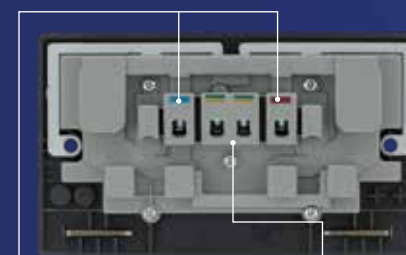
25 YEARS GUARANTEE

BG Electrical products are guaranteed against faulty materials and workmanship for a period of 25 years from date of delivery.

Features & Benefits

Angled in-line colour coded captive terminals

Twin Earth

Modern slim profile

Wide rockers

Concealed screws

Slim profile clip-on covers

13 Amp Switched Socket with USB Charger

- Ideal for charging smartphones, tablets, cameras and more
- Terminal capacity 3 x 2.5mm², 3 x 4.0mm² & 2 x 6.0mm²
- Minimum mounting box depth 25mm
- Twin earth fitted as standard – Ref. BS 7671:2008
- Manufactured to BS1363-2
- 10 year guarantee

PM22UAC22

Product Code	Description	Inner Carton	Outer Carton
PM22U3	13A Double USB Socket 2 x A 15.5W	5	50
PM22UAC22	13A Double USB Socket A + C 22W	5	50

10 Amp 16AX Plate Switches Wide Rocker

- Terminal capacity 4x 1.0mm², 4x 1.5mm² , 2x 2.5mm² & 1x 4.0mm²
- Plate switches manufactured to BS EN 60669-1
- Minimum mounting box depth 16mm
- Captive terminal screws

PM12W   PM43W

Product Code	Description	Inner Carton	Outer Carton
PM12W	Single, 2 way	10	100
PM42W	Double, 2 way	10	100
PM43W	Triple, 2 way	10	100

10 Amp 10AX Plate Switches

- All switches 10 Amp, 10AX inductive rated
- Terminal capacity 4x 1.0mm², 4x 1.5mm² , 2x 2.5mm² & 1x 4.0mm²
- Plate switches manufactured to BS EN 60669-1
- Minimum mounting box depth 16mm
- Captive terminal screws

PM12   PM43

Product Code	Description	Inner Carton	Outer Carton
PM12	Single, 2 way	10	100
PM42	Double, 2 way	10	100
PM43	Triple, 2 way	10	100

13 Amp Switched Outlets

- Twin earth fitted as standard to allow a double earth facility for installations requiring high integrity protective connection Ref. BS 7671:2008
- Manufactured to BS 1363-2
- Minimum mounting box depth 25mm
- Terminal capacity 3x 2.5mm², 3x 4.0mm² & 2x 6.0mm²

PM22DPOB

PM21DP

Product Code	Description	Inner Carton	Outer Carton
PM21DP	Single DP	10	100
PM22DPOB	Double DP, outboard rockers	5	50

20 Amp Double Pole Switch

- 20 Amp terminal capacity 3x 1.5mm²
- Captive, backed out terminal screws for fast installation
- Flush LED power indicator
- Manufactured to BS EN 60669-1
- Minimum mounting box depth 25mm

PM31

| Product Code	Description	Inner Carton	Outer Carton
PM31	20 Amp DP switch with power indicator	10	100

13 Amp Fused Connection Units

- Manufactured to BS 1363-4
- Ideal for spur circuits and hard wired appliances
- Colour coded in-line terminals with captive backed out screws
- Optional flex outlet
- Terminal capacity 3x 2.5mm², 2x 4.0mm² & 1x 6.0mm²
- Minimum mounting box depth 25mm

PM54   PM52

Product Code	Description	Inner Carton	Outer Carton
PM52	Switched with power indicator and optional flex-outlet	10	100
PM54	Unswitched with optional flex-outlet	10	100
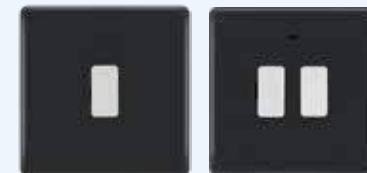
45 Amp Double Pole Switches

- Cooker Control Units manufactured to BS4177
- Double Pole Switches to BS EN 60669-1
- Minimum mounting box depth 47mm
- L & N terminal capacity 4x 4.0mm², 3x 6.0mm² & 1x 16.0mm²
- E terminal capacity 3x 4.0mm², 3x 6.0mm² & 1x 16.0mm²

PM74

Product Code	Description	Inner Carton	Outer Carton
PM74	Single plate with indicator	10	100

Ceiling Switch Pull Cords

- Large bangles to aid grip
- Bangles should be contrasting to the background colour. BG can offer a white cord with colour bangle upon request

| Product Code	Description	Inner Carton	Outer Carton
PMRDPC2M	2 red handles, 2m red cord	20	200
PMGRPC2M	1 grey handle, 2m grey cord	20	200

PMGRPC2M   PMRDPC2M

Ceiling Switches

- Supplied with approximately 2 metres of cord
- Individually bagged
- Manufactured to BS EN 60669-01
- Supplied as kits including standard white cord, plus colour replacement cord

Product Code	Description	
PM802GR	6 Amp, 1 way with grey cord and bangle	Kit
PM802RD	6 Amp, 2 way with grey cord and 2 bangles	Kit
PM803GR	45 Amp double pole with power indicator, grey cord and bangle	Kit
PM803RD	45 Amp double pole with power indicator, red cord and 2 bangles	Kit
PM804GR	10 Amp triple pole fan isolator, grey cord and bangle	Kit
PM804RD	10 Amp triple pole fan isolator, red cord and 2 bangles	Kit
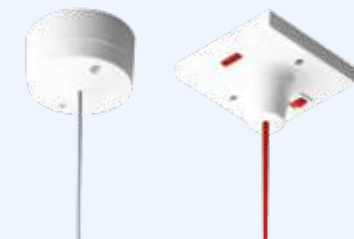
PM802GR   PM803RD

Euro Module Range Extension

Quick & Easy Installation

A flexible solution of power, data, telephone, television and audio combinations to suit the wide ranging needs of the customer.

- Select the desired combination of front plate and module(s)
- Simple installation, wire the module through the front plate aperture then push the module into place
- Modules of mains and extra low voltage rating must not be fitted to the same front plate aperture Ref. BS 7671:2008

See page 54 & 57

Front Plate   Module(s)

PMEMS2   EMUKSW

Part M Front Plates – Euro Module

- Manufactured to BS 5733
- Clip on cover with concealed fixing screws
- Aperture sizes: 1 Module 25 x 50mm, 2 Module = 50 x 50mm, 4 Module = 100 x 50mm

PMEMR4

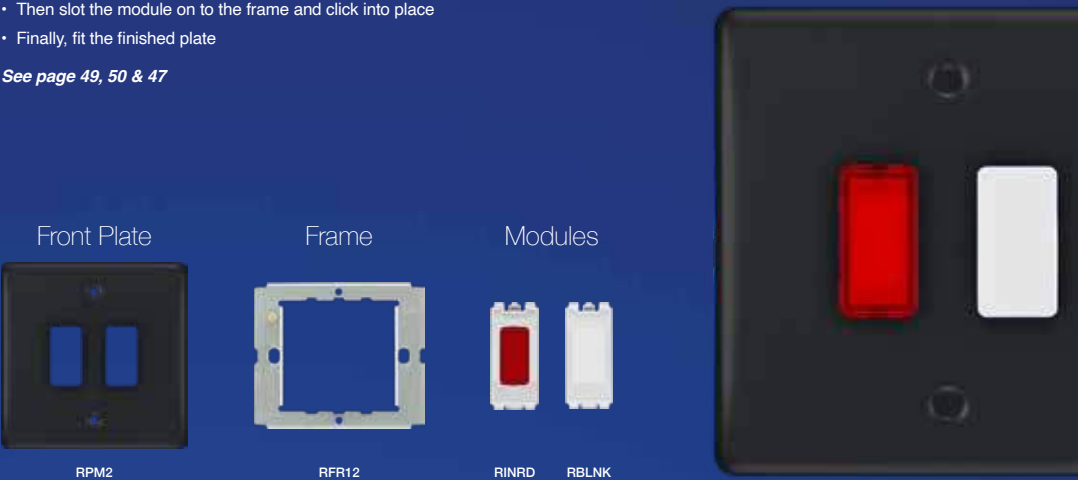| Product No	Description	Inner Carton	Outer Carton
PMEMS1	1 module, square	20	200
PMEMS2	2 module, square	10	100
PMEMR4	4 module, rectangular	10	100

PMEMS1   PMEMS2

Nexus Grid Range Extension

Quick & Easy Installation

A customisable selection of power grid modules that provide a seamless appearance with the associated wiring accessories

- Firstly, screw the grid frame to the mounting box and wire the modules
- Then slot the module on to the frame and click into place
- Finally, fit the finished plate

See page 49, 50 & 47

Front Plate   Frame   Modules

RPM2   RFR12   RINRD   RBLNK

Front Plates – Grid

- Manufactured to BS 5733
- Front plates match the power products of the Part M range
- No visible plastic around rockers
- Colour match fixing screws
- Grid solutions allow a wider range of solutions to enable compliance of requirements for Part M1

RPM3

Part Code	Description	Inner Carton	Outer Carton
RPM1	1 module, square	20	200
RPM2	2 module, square	20	200
RPM3	3 module, rectangular	10	100
RPM4	4 module, rectangular	10	100
RPM6	6 module, square	10	100
RPM8	8 module, square	10	100

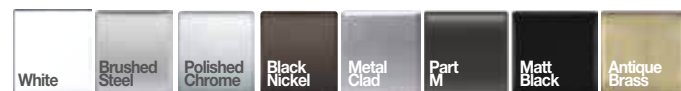RPM1   RPM2

www.bgelectrical.uk
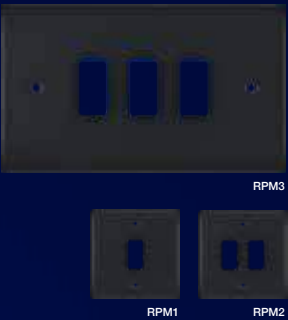
Nexus Grid
Modular System

Ideal for domestic, commercial and industrial applications, and allows you to build your own module configurations with a variety of combinations and finishes.

The range benefits aesthetically from having no visible plastic around the switches. Grid is also designed to be easy to install with a cantilever module to frame installation and interchangeable rockers to provide flexibility.

Nexus Grid is available in Nexus Metal, White Moulded, Screwless Flatplate, Metal Clad, Part M and Evolve ranges – 16 stocked finishes in total.
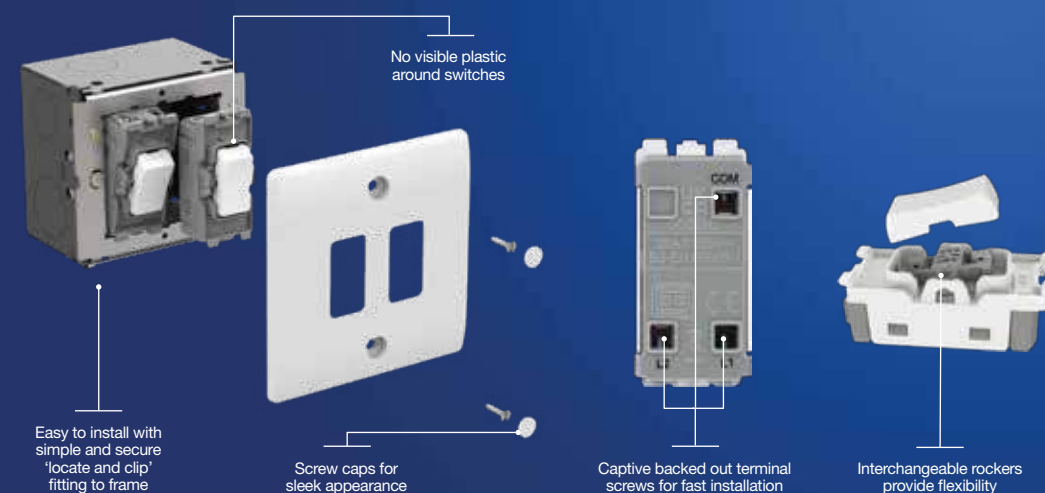
| White | Brushed Steel | Polished Chrome | Black Nickel | Metal Clad | Part M | Matt Black | Antique Brass |

Evolve

| Pearlescent White | Brushed Steel | Matt Grey | Matt Black | Matt Blue | Polished Copper | Satin Brass | Black Chrome |

IN THE RANGE

25 YEARS GUARANTEE

BG Electrical products are guaranteed against faulty materials and workmanship for a period of 25 years from date of delivery.

Features & Benefits

No visible plastic around switches

Easy to install with simple and secure 'locate and clip' fitting to frame

Screw caps for sleek appearance

Captive backed out terminal screws for fast installation

Interchangeable rockers provide flexibility

*Anti-microbial properties for white moulded

Quick & Easy to install

Step 1

Fit and secure appropriate mounting box and frame:

• Cable should be protected by using grommets or conduit in the rear box cable entries.
• Pull cabling through frame and strip insulation accordingly.
• Ensure an earth connection between frame and box.
• Systematically terminate cables into each module.
• For Metal Clad installations the grid frames should have the spacers, supplied with the front-plate, positioned over the rear box lugs to locate the frame at the correct height.

Step 2

Fit modules to frame:

• Locate the smaller central tab of the module into the notch of the frame with the larger central tab behind the frame and pivot upwards and clip into place.
• Frames should be fitted to the wall box using the fixing screws provided. Check the vertical position, and tighten frame screws securely. (Do not over tighten).
• Attach the front-plate using the fixing screws provided or attach screwless plates to the fixing points provided. For Screwless installations please see the additional assembly notes.

Screwless Flatplate Assembly:

When fitting one or three modules to the Screwless Flateplate grid frame, the blanking strips supplied must be fitted either side of the modules to prevent access to the wiring area.
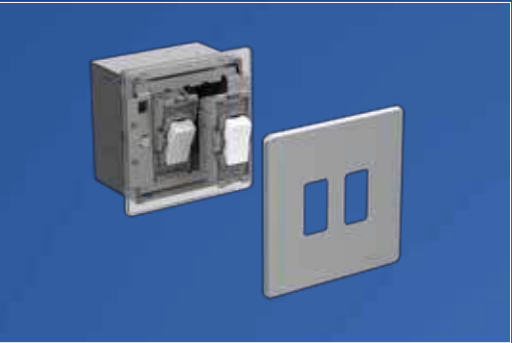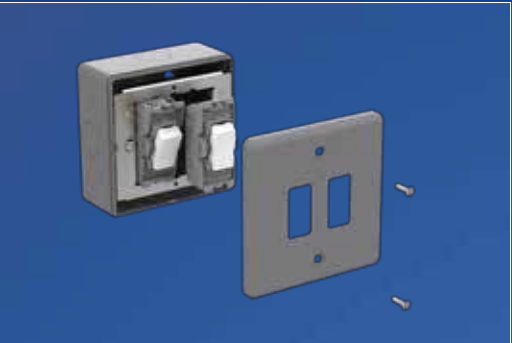
It is recommended to decorate the wall before fixing the frontplate.

Position the frontplate with the removable notch located over the angled face of the gasket in the lower right-hand corner and with the clips located in the apertures, push to secure.

Antimicrobial Properties
White moulded Grid plates & modules

BG Nexus white moulded wiring accessories promote a healthy environment by facilitating up to 99% reduction in bacterial development on touch point surfaces. Manufactured using high grade thermoset Urea which effectively inhibits the growth of infectious diseases, including MRSA, E-Coli, Salmonella and Klebsiella Pneumonia bacteria.

ANTI MICROBIAL CERTIFIED

20 Amp 20AX Modules

• Simple secure 'locate & clip' fitting to frame
• Alternative printed rocker covers available
• Clearly marked terminals with backed out captive screws for easy installation
• Terminal capacity 4 x 1.0mm^2, 4 x 1.5mm^2, 2 x 2.5mm^2 & 1 x 4.0mm^2
• Manufactured to BS EN 6609-2-1
• Minimum mounting box depth 25mm
• 20 Amp, 20AX inductive rated

RBN13   R12   RPCDW12

White	Polished Chrome	Brushed Steel	Black Nickel	Antique Brass	Matt Black	Evolve White	Evolve Black	Description	Inner Carton	Outer Carton
R12	RPC12	RBS12	RBN12	RAB12	RFB12	RPCDW12	RPCDB12	2 way, single pole	10	100
R13	RPC13	RBS13	RBN13	RAB13	RFB13	RPCDW13	RPCDB13	Intermediate	10	100
R14	RPC14	RBS14	RBN14	RAB14	RFB14	RPCDW14	RPCDB14	1 way retractive, SP (PRESS)	10	100

20 Amp 20AX Modules – 3 Position

• Simple secure 'locate & clip' fitting to frame
• Clearly marked terminals with backed out captive screws for easy installation
• Terminal capacity 4 x 1.0mm^2, 4 x 1.5mm^2, 2 x 2.5mm^2 & 1 x 4.0mm^2
• Manufactured to BS EN 6609-2-1
• Minimum mounting box depth 25mm
• 20 Amp, 20AX inductive rated

R14C   RBS12C   RFB12C

White	Polished Chrome	Brushed Steel	Black Nickel	Antique Brass	Matt Black	Evolve White	Evolve Black	Description	Inner Carton	Outer Carton
R12C	RPC12C	RBS12C	RBN12C	RAB12C	RFB12C	RPCDW12C	RPCDB12C	2 way, single pole, centre off	10	100
R14C	-	RBS14C	-	-	-	-	-	2 way retractive, SP, centre off	10	100

20 Amp Double Pole Modules

• Double pole switching
• Simple secure 'locate & clip' fitting to frame
• Alternative printed rocker covers available
• Clearly marked terminals with backed out captive screws for easy installation
• Terminal capacity 4 x 1.0mm^2, 4 x 1.5mm^2, 2 x 2.5mm^2 & 1 x 4.0mm^2
• Manufactured to BS EN 60669-2-1
• Minimum mounting box depth 25mm
• 20 Amp, 20AX inductive rate

RBS30   R31   RPCDW30

White	Polished Chrome	Brushed Steel	Black Nickel	Antique Brass	Matt Black	Evolve White	Evolve Black	Description	Inner Carton	Outer Carton
R30	RPC30	RBS30	RBN30	RAB30	RFB30	RPCDW30	RPCDB30	20A double pole	10	100
R31	-	-	-	-	-	-	-	20A double pole with LED indicator	10	100

20 Amp 20AX Secret Key Modules

- Supplied with key, spare keys available
- Clearly marked terminals with backed out captive screws for easy installation
- Terminal capacity 4 x 1.0mm², 4 x 1.5mm², 2 x 2.5mm² & 1 x 4.0mm²
- Manufactured to BS EN 60669-2-1
- Minimum mounting box depth 25mm
- 20 Amp, 20AX inductive rated

RSCKY

RBN12KY   RPC12EL   RFB30KY

White	Polished Chrome	Brushed Steel	Black Nickel	Antique Brass	Matt Black	Evolve White	Evolve Black	Description	Inner Carton	Outer Carton
R12KY	RPC12KY	RBS12KY	RBN12KY	RAB12KY	RFB12KY	RPCDW12KY	RPCDB12KY	2 way, single pole	10	100
R30KY	RPC30KY	RBS30KY	RBN30KY	RAB30KY	RFB30KY	RPCDW30KY	RPCDB30KY	20A double pole	10	100
R12EL	RPC12EL	RBS12EL	RBN12EL	RAB12EL	RFB12EL	RPCDW12EL	RPCDB12EL	2 way, single pole – printed "EMG LTG TEST"	10	100
RSCKY	-	-	-	-	-	-	-	Spare secret key (pack of 10)	10	100

10 Amp 3 Pole Fan Isolator Modules

- Simple secure 'locate & clip' fitting to frame
- Triple pole switching design (can also be used for double pole applications)
- Clearly marked terminals with backed out captive screws for easy installation
- Terminal capacity 4 x 1.0mm², 4 x 1.5mm², 2 x 2.5mm² & 1 x 4.0mm²
- Manufactured to BS EN 60669-2-1
- Minimum mounting box depth 25mm
- 10 Amp rated

R15   RPC15   RPCDB15

White	Polished Chrome	Brushed Steel	Black Nickel	Antique Brass	Matt Black	Evolve White	Evolve Black	Description	Inner Carton	Outer Carton
R15	RPC15	RBS15	RBN15	RAB15	RFB15	RPCDW15	RPCDB15	3 pole fan isolator	10	100

Dimmer Modules

- Switchable dimmer module for choice of trailing or leading edge (set to trailing edge as default)
- Soft start, smooth dimming control and silent operation
- 2 Way push on/off with rotary control
- Overload protection
- Suitable for LED, Halogen and Incandescent lamps
- Clearly marked terminals with backed out captive screws for easy installation
- Terminal capacity 2 x 1mm² & 2 x 1.5mm²
- Manufactured to BS EN 60669-2-1
- Minimum mounting box depth 25mm
- 220-240V AC

RBSDLT   RBNDLT   RPCDWDLT

Load Rating (Max/Min per module)

Dimmable LED	Trailing 5-150W	Leading 5-100W
Incandescent	Trailing 5-150W	Leading 5-100W
Halogen	Trailing 5-150W	Leading 5-100W

White	Polished Chrome	Brushed Steel	Black Nickel	Antique Brass	Matt Black	Evolve White	Evolve Black	Description	Inner Carton	Outer Carton
RDLT	RPCDLT	RBSDLT	RBNDLT	RABDLT	RFBDLT	RPCDWDLT	RPCDBDLT	2-way dual dimmer module	10	100

Indicator Modules

- LED light source, reliable and low power consumption
- Simple secure 'locate and clip' fitting to frame
- Clearly marked terminals with backed out captive screws for easy installation
- Terminal capacity 3 x 2.5mm², 2 x 4.0mm² & 1 x 6.0mm²
- Manufactured to BS 5733
- Minimum mounting box depth 25mm
- 250V

RINOR   RINGR   RINRD

Product Code	Description	Inner Carton	Outer Carton
RINGR	Green	10	100
RINOR	Orange	10	100
RINRD	Red	10	100

Fused Modules

- Simple secure 'locate and clip' fitting to frame
- Terminal capacity 3 x 2.5mm², 2 x 4.0mm² & 1 x 6.0mm²
- Minimum mounting box depth 25mm
- Clearly marked terminals with backed out captive screws for easy installation
- Supplied with 13A fuse fitted to BS 1362

RBSFUSE   RFUSE   RPCDBFUSE

White	Polished Chrome	Brushed Steel	Black Nickel	Antique Brass	Matt Black	Evolve White	Evolve Black	Description	Inner Carton	Outer Carton
RFUSE	RPCFUSE	RBSFUSE	RBNFUSE	RABFUSE	RFBFUSE	RPCDWFUSE	RPCDBFUSE	Fuse holder	10	100

Flex Outlet Modules

- Cable entry with cord grip
- Suitable for cables with an outside diameter up to 10mm
- Manufactured to BS 5733
- Minimum mounting box depth 25mm

RFBFLEX   RPCFLEX   RPCDWFLEX

White	Polished Chrome	Brushed Steel	Black Nickel	Antique Brass	Matt Black	Evolve White	Evolve Black	Description	Inner Carton	Outer Carton
RFLEX	RPCFLEX	RBSFLEX	RBNFLEX	RABFLEX	RFBFLEX	RPCDWFLEX	RPCDBFLEX	Flex outlet (up to 10mm)	10	100

Blank Modules

- Ideal for inserting in to unused Grid apertures
- Simple secure 'locate &clip' fitting to frame

RBNBLNK   RBLNK   RPCDBLNK

White	Polished Chrome	Brushed Steel	Black Nickel	Antique Brass	Matt Black	Evolve White	Evolve Black	Description	Inner Carton	Outer Carton
RBLNK	RPCBLNK	RBSBLNK	RBNBLNK	RABBLNK	RFBBLNK	RPCDWBLNK	RPCDBBLNK	Blank module	10	100

Front Plates – Nexus Moulded & Nexus Metal

- Front-plates match the power products for the White Moulded & Nexus Metal ranges
- No visible plastic around rockers
- White plates supplied with covers to conceal fixing screws
- Metal plates fitted with moisture control gasket
- Brushed steel with anti-fingerprint lacquer
- Easy to install, supplied with fixing screws
- Anti-Microbial properties on white moulded Grid plates

*Available as made to order
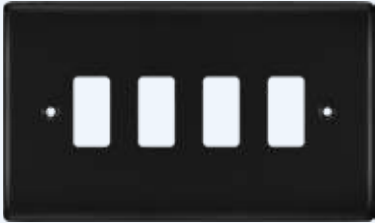
RNFB4

R81   RNBN2

White	Polished Chrome	Brushed Steel	Black Nickel	Antique Brass	Matt Black	Description	Inner Carton	Outer Carton
R81	RNPC1	RNBS1	RNBN1	RNAB1	RNFB1	1 module, square	20	200
R82	RNPC2	RNBS2	RNBN2	RNAB2	RNFB2	2 module, square	20	200
R83	RNPC3	RNBS3	RNBN3	RNAB3	RNFB3	3 module, rectangular	10	100
R84	RNPC4	RNBS4	RNBN4	RNAB4	RNFB4	4 module, rectangular	10	100
R86	RNPC6	RNBS6	RNBN6	RNAB6	RNFB6	6 module, square	10	100
R88	RNPC8	RNBS8	RNBN8	RNAB8*	RNFB8	8 module, square	10	100
R89	-	RNBS9	-	-	-	9 module, rectangular	10	100
R812	-	RNBS12	-	-	-	12 module, rectangular	10	100

Front Plates – Evolve

- Front-plates match the standard Evolve range
- Flat profile with rounded corners
- Clip on/off front-plates allow for removal during redecoration projects
- Plate perimeter colour to match Grid module
- Front plate edge colour: W = white, B = black , e.g. RPCDCL2W, or RPCDMB1B
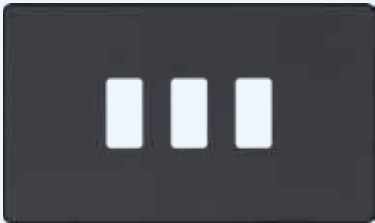
RPCDMB3B

RPCDCL8W   RPCDBS2W   RPCDDB1B

Pearlescent White	Brushed Steel	Matt Grey	Matt Black	Matt Blue	Polished Copper	Satin Brass	Black Chrome	Description	Inner Carton	Outer Carton
RPCDCL1W	RPCDBS1W	RPCDMG1B	RPCDMB1B	RPCDDB1B	RPCDCP1B	RPCDSB1B	RPCDBC1B	1 module, square	20	200
RPCDCL2W	RPCDBS2W	RPCDMG2B	RPCDMB2B	RPCDDB2B	RPCDCP2B	RPCDSB2B	RPCDBC2B	2 module, square	20	200
RPCDCL3W	RPCDBS3W	RPCDMG3B	RPCDMB3B	RPCDDB3B	RPCDCP3B	RPCDSB3B	RPCDBC3B	3 module, rectangular	10	100
RPCDCL4W	RPCDBS4W	RPCDMG4B	RPCDMB4B	RPCDDB4B	RPCDCP4B	RPCDSB4B	RPCDBC4B	4 module, rectangular	10	100
RPCDCL6W	RPCDBS6W	RPCDMG6B	RPCDMB6B	RPCDDB6B	RPCDCP6B	RPCDSB6B	RPCDBC6B	6 module, square	10	100
RPCDCL8W	RPCDBS8W	RPCDMG8B	RPCDMB8B	RPCDDB8B	RPCDCP8B	RPCDSB8B	RPCDBC8B	8 module, square	10	100

Front Plates – Screwless Flatplate

- Front-plates match the standard Screwless Flatplate range
- Flat profile with rounded edges
- Clip on/off frontplates allow for removal during redecoration projects
- No visible plastic around rockers
- Brushed steel with anti-fingerprint lacquer
- 1, 3, 6g front-plate supplied with grid blanks (Screwless only)

RFPC2

RFBS8

Polished Chrome	Brushed Steel	Black Nickel	Matt Black	Description	Inner Carton	Outer Carton
RFPC1	RFBS1	RFBN1	RFFB1	1 module, square	20	200
RFPC2	RFBS2	RFBN2	RFFB2	2 module, square	20	200
RFPC3	RFBS3	RFBN3	RFFB3	3 module, rectangular	10	100
RFPC4	RFBS4	RFBN4	RFFB4	4 module, rectangular	10	100
RFPC6	RFBS6	RFBN6	RFFB6	6 module, square	10	100
RFPC8	RFBS8	RFBN8	RFFB8	8 module, square	10	100

Front Plates – Part M

- Front plates match the power products of the Part M range
- No visible plastic around rockers
- Grid solutions allow a wider range of solutions to enable compliance of requirements for Part M1
- Easy to install, supplied with fixing screws
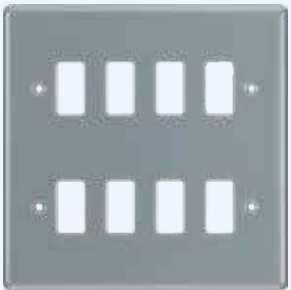
RPM3
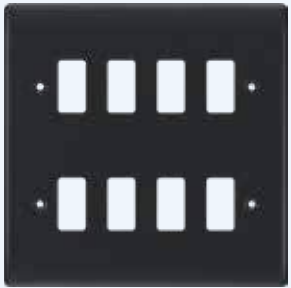
RPM8

Product Code	Description	Inner Carton	Outer Carton
RPM1	1 module, square	20	200
RPM2	2 module, square	20	200
RPM3	3 module, rectangular	10	100
RPM4	4 module, rectangular	10	100
RPM6	6 module, square	10	100
RPM8	8 module, square	10	100

Front Plates – Metal Clad

- Front plates match the power products of the Metal Clad range
- A rugged, scratch resistant range, suitable for everyday use in commercial and industrial environments
- No visible plastic around rockers
- Suitable for flush wall mounting, or surface mount with metal clad boxes
- Easy to install, supplied with fixing screws

RMC1

RMC8

Product Code	Description	Inner Carton	Outer Carton
RMC1	1 module, square	20	200
RMC2	2 module, square	20	200
RMC3	3 module, rectangular	10	100
RMC4	4 module, rectangular	10	100
RMC6	6 module, square	10	100
RMC8	8 module, square	10	100

Grid Frames

RFR12/34
- Universal frame for Metal Clad, White Moulded, Nexus Metal & Part M front plates

RFR12/34/68FP
- These frames are only for the Screwless Flatplate versions
- Fixed integrated plastic gasket to protect metal edges from moisture

Common Features
- Earth terminal(s) fitted as standard
- Frames supplied with fixing screws for mounting

RFR34

RFR12

RFR12FP

Screwed Plates	Screwless Flatplate Only	Evolve	Description	Inner Carton	Outer Carton
RFR12	RFR12FP	RFR12PCD	1 + 2 module frame	20	200
RFR34	RFR34FP	RFR34PCD	3 + 4 module frame	10	100
(Use – 2 x RFR34)	RFR68FP	RFR68PCD	6 + 8 module frame	5	50
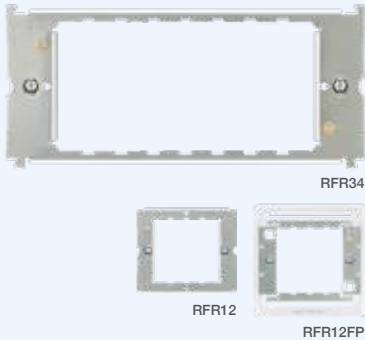
Boxes

- Rugged, scratch resistant metal boxes suitable for everyday use in commercial and industrial environments
- Manufactured in heavy gauge steel for extra safety
- Multiple knock-out mounting box
- Earth terminal fitted as standard

MC501

HGS68

Product Code	Description	Inner Carton	Outer Carton
MC501	1 + 2 module Grid	10	100
MC502	3 + 4 module Grid	5	50
MC503	6 + 8 module Grid	5	25
HGS68	6 + 8 module Grid	5	25
HGS912	9 + 12 module Grid	5	25

Fixing Screws

- Replacement plate fixing screws
- Supplied in bags of 10

Product Code	Description	Inner Carton	Outer Carton
RFS10/10		100	1000
RFS10/10BN		100	1000

RFS10/10   RFS10/10BN

BRITISH BG GENERAL

Wiring Accessories

A range of reliable contractor wiring accessories required for any installation

Rockers

- Replacement rockers available in all finishes
- Plastic – printed, metal – embossed
- Supplied in bags of 10
- Easy to fit on standard Grid switch modules

RRHBAB   RRUPBN   RRBLBS   RRFFW

MICRO WAVE   OVEN   FRIDGE FREEZER

RRMWPCDW   RROVPCDB   RRFZPC

White	Polished Chrome	Brushed Steel	Black Nickel	Antique Brass	Matt Black	Evolve White	Evolve Black	Description	Inner Carton	Outer Carton
RRHBW	RRHBPC	RRHBBS	RRHBBN	RRHBAB	RRHBFB	RRHBPCDW	RRHBPCDB	HOB	10	100
RROVW	RROVPC	RROVBS	RROVBN	RROVAB	RROVFB	RROVPCDW	RROVPCDB	OVEN	10	100
RRFNW	RRFNPC	RRFNBS	RRFNBN	RRFNAB	RRFNFB	RRFNPCDW	RRFNPCDB	FAN	10	100
RRWMW	RRWMPC	RRWMBS	RRWMBN	RRWMAB	RRWMFB	RRWMPCDW	RRWMPCDB	WASHING MACHINE	10	100
RRTDW	RRTDPC	RRTDBS	RRTDBN	RRTDAB	RRTDFB	RRTDPCDW	RRTDPCDB	TUMBLE DRYER	10	100
RRFDW	RRFDPC	RRFDBS	RRFDBN	RRFDAB	RRFDFB	RRFDPCDW	RRFDPCDB	FRIDGE	10	100
RRFFW	RRFFPC	RRFFBS	RRFFBN	RRFFAB	RRFFFB	RRFFPCDW	RRFFPCDB	FRIDGE FREEZER	10	100
RRFZW	RRFZPC	RRFZBS	RRFZBN	RRFZAB	RRFZFB	RRFZPCDW	RRFZPCDB	FREEZER	10	100
RRBLW	RRBLPC	RRBLBS	RRBLBN	RRBLAB	RRBLFB	RRBLPCDW	RRBLPCDB	BOILER	10	100
RRMWW	RRMWPC	RRMWBS	RRMWBN	RRMWAB	RRMWFB	RRMWPCDW	RRMWPCDB	MICROWAVE	10	100
RRCHW	RRCHPC	RRCHBS	RRCHBN	RRCHAB	RRCHFB	RRCHPCDW	RRCHPCDB	COOKER HOOD	10	100
RRWHW	RRWHPC	RRWHBS	RRWHBN	RRWHAB	RRWHFB	RRWHPCDW	RRWHPCDB	WATER HEATER	10	100
RRWDISW	RRWDISPC	RRWDISBS	RRWDISBN	RRWDISAB	RRWDISFB	RRWDISPCDW	RRWDISPCDB	WASTE DISPOSAL	10	100
RRACW	RRACPC	RRACBS	RRACBN	RRACAB	RRACFB	RRACPCDW	RRACPCDB	AIR CON	10	100
RRDWW	RRDWPC	RRDWBS	RRDWBN	RRDWAB	RRDWFB	RRDWPCDW	RRDWPCDB	DISH WASHER	10	100
RRHTW	RRHTPC	RRHTBS	RRHTBN	RRHTAB	RRHTFB	RRHTPCDW	RRHTPCDB	HEATER	10	100
RRBELLW	RRBELLPC	RRBELLBS	RRBELLBN	RRBELLAB	RRBELLFB	RRBELLPCDW	RRBELLPCDB	Bell Symbol (Graphic)	10	100
RRWDW	RRWDPC	RRWDBS	RRWDBN	RRWDAB	RRWDFB	RRWDPCDW	RRWDPCDB	WARMING DRAWER	10	100
RRWCW	RRWCPC	RRWCBS	RRWCBN	RRWCAB	RRWCFB	RRWCPCDW	RRWCPCDB	WINE COOLER	10	100
RRLTW	RRLTPC	RRLTBS	RRLTBN	RRLTAB	RRLTFB	RRLTPCDW	RRLTPCDB	LIGHTS	10	100
RRUPW	RRUPPC	RRUPBS	RRUPBN	RRUPAB	RRUPFB	RRUPPCDW	RRUPPCDB	Unprinted rocker	10	100
RRUPG	-	-	-	-	-	-	-	Unprinted graphite rocker (Part M)	10	100
RRUPRD	-	-	-	-	-	-	-	Unprinted red rocker	10	100

Replacement &
Interchangeable Rockers

Replacement rockers – Switch modules are supplied with plain rockers, however a selection of pre-printed rockers are available.

To replace:
- Remove existing rocker by inserting screwdriver under rocker cap and lifting.
- Position replacement cap into aperture and clip into place ensuring text is correctly aligned in relation to top of module.

BRITISH
BG
GENERAL

www.**bgelectrical**.uk

Euro Module
Wiring Accessories

A flexible range of plates and interchangeable modules, available in varied finishes and profiles.

These Euro Module range includes Audio, Speaker, TV Coax, Satellite, Radio, Telephone, Video and HDMI outlets in a range of finishes. We also stock USB Charging Euro Modules, USB Data inserts including USB 3.1A and a wide range of Euro Module front plates.

Euro Module is available in Nexus Metal, White Moulded, Screwless Flatplate, Metal Clad, Part M and Evolve ranges – 16 stocked finishes in total.

| White | Brushed Steel | Polished Chrome | Black Nickel | Metal Clad | Part M | Matt Black | Antique Brass |

Evolve

| Pearlescent White | Brushed Steel | Matt Grey | Matt Black | Matt Blue | Polished Copper | Satin Brass | Black Chrome |

IN THE RANGE

25 YEARS GUARANTEE

BG Electrical products are guaranteed against faulty materials and workmanship for a period of 25 years from date of delivery.

Features & Benefits

Telecom

Data

Broadcast Reception
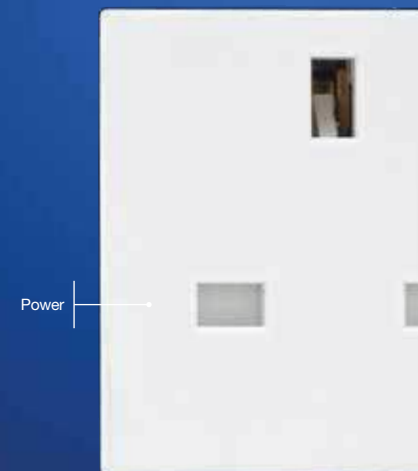
Power

Front Plates – Evolve

- Compatible with the wider Euro Module range of products
- Assemble different configurations onto a single faceplate
- Manufactured to BS 5733

PCDSBEMR4B

PCDBSEMS2W   PCDMGEMS1B

Single Plate 1M – 25 x 50	Single Plate 2M – 50 x 50	Double Plate 4M – 100 x 50	Finish	Frame & Module Colour
PCDCLEMS1W	PCDCLEMS2W	PCDCLEMR4W	Pearlescent White	White
PCDBSEMS1W	PCDBSEMS2W	PCDBSEMR4W	Brushed Steel	White
PCDMGEMS1B	PCDMGEMS2B	PCDMGEMR4B	Matt Grey	Black
PCDMBEMS1B	PCDMBEMS2B	PCDMBEMR4B	Matt Black	Black
PCDDBEMS1B	PCDDBEMS2B	PCDDBEMR4B	Matt Blue	Black
PCDCPEMS1B	PCDCPEMS2B	PCDCPEMR4B	Polished Copper	Black
PCDSBEMS1B	PCDSBEMS2B	PCDSBEMR4B	Satin Brass	Black
PCDBCEMS1B	PCDBCEMS2B	PCDBCEMR4B	Black Chrome	Black

Front Plates – White Moulded

- Manufactured to BS 5733
- Anti-microbial certified
- Aperture sizes:
  1 Module: 25 x 50mm, 2 Module: 50 x 50mm, 4 Module: 100 x 50mm

8EMS1

8EM8

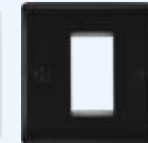| Product Code	Description	Inner Carton	Outer Carton
8EMS1	1 module – square	20	200
8EMS2	2 module – square	10	100
8EMR4	4 module – rectangular	10	100
8EM8	2 x 4 module, double stack plate	10	100

Front Plates – Metal Clad

- Manufactured to BS 5733
- Fitted with earth terminal
- Aperture sizes:
  1 Module: 25 x 50mm, 2 Module: 50 x 50mm, 4 Module: 100 x 50mm

MC5EMR4   MC5EMS2

Product Code	Description	Inner Carton	Outer Carton
MC5EMS1	1 module – square	20	200
MC5EMS2	2 module – square	10	100
MC5EMR4	4 module – rectangular	10	100

Front Plates – Part M

- Manufactured to BS 5733
- Clip on cover with concealed fixing screws
- Aperture sizes:
  1 Module: 25 x 50mm, 2 Module: 50 x 50mm, 4 Module: 100 x 50mm

PMEMR4   PMEMS1

Product Code	Description	Inner Carton	Outer Carton
PMEMS1	1 module – square	20	200
PMEMS2	2 module – square	10	100
PMEMR4	4 module – rectangular	10	100
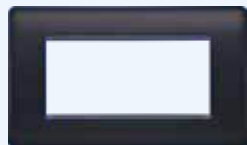
Front Plates – Nexus Metal

- Manufactured to BS 5733
- Fitted with earth terminal
- Aperture sizes:
  1 Module: 25 x 50mm, 2 Module: 50 x 50mm, 4 Module: 100 x 50mm

NBSEMR4   NFBEMS1

Brushed Steel	Polished Chrome	Black Nickel	Antique Brass	Matt Black	Description	Inner Carton	Outer Carton
NBSEMS1	NPCEMS1	NBNEMS1	NABEMS1	NFBEMS1	1 module – square	20	200
NBSEMS2	NPCEMS2	NBNEMS2	NABEMS2	NFBEMS2	2 module – square	10	100
NBSEMR4	NPCEMR4	NBNEMR4	NABEMR4	NFBEMR4	4 module – rectangular	10	100

Front Plates – Screwless Flatplate

- Manufactured to BS 5733
- Fitted with earth terminal
- Aperture sizes:
  1 Module: 25 x 50mm, 2 Module: 50 x 50mm, 4 Module: 100 x 50mm

FBNEMR4   FPCEMS1

Brushed Steel	Polished Chrome	Black Nickel	Matt Black	Description	Inner Carton	Outer Carton
FBSEMS1	FPCEMS1	FBNEMS1	FFBEMS1	1 module – square	20	200
FBSEMS2	FPCEMS2	FBNEMS2	FFBEMS2	2 module – square	10	100
FBSEMR4	FPCEMR4	FBNEMR4	FFBEMR4	4 module – rectangular	10	100

Quick & Easy to install

Step 1

Fix front plate to mounting box.

Step 2

Wire modules.

Step 3

Slot the module on the frame and click into place.

TV, Radio and Satellite Modules – Screened Outlets

- Screened outlets contain a metal casing around the contacts acting as an earthed faraday cage. This casing prevents external RF signals interfering with the reception
- Manufactured to BS 5733
- Aperture sizes:
  1 Module: 25 x 50mm, 2 Module: 50 x 50mm

EMTVFW   EMTVMG   EMTVFMSAT2B

White	Grey	Black	Modules	Description	Inner Carton	Outer Carton
EMTVFW	EMTVFG	EMTVFB	1	IEC – female (return)	10	100
EMTVMW	EMTVMG	EMTVMB	1	IEC – male	10	100
EMSATW	EMSATG	EMSATB	1	Satellite – female	10	100
EMTVSATW	EMTVSATG	EMTVSATB	2	TV and satellite – IEC male + radio IEC female	10	100
EMTVFMW	EMTVFMG	EMTVFMB	2	TV and radio – TV IEC male + radio IEC female	10	100
EMTVFMSATW	EMTVFMSATG	EMTVFMSATB	2	TV, radio and satellite – TV IEC male + radio IEC female + satellite female	10	100
EMTVFMSAT2W	EMTVFMSAT2G	EMTVFMSAT2B	2	TV, radio and dual satellite module – TV IEC male + radio IEC female + dual satellite female	10	100

Module Description

Technical Information – Screened Outlets	Frequency Range (MHz)	Insertion Loss (dB)
Single TV Module – IEC male / female	0-862	0.5
Double TV and satellite module – IEC male + satellite female	TV – 5-68, 470-862 Satellite – 950-2400	TV – 1.0 Satellite – 2.0
Triple TV, radio and satellite module – TV IEC male + radio IEC female + satellite female	TV – 5-68, 470-862, Radio – 88-230, Satellite – 950-2400	TV – 1.0, Radio – 1.0, Satellite – 2.0
Single satellite module – satellite female	0-2400	2.0
Double TV and radio module – TV IEC male + radio IEC female	TV – 5-68, 470-862 Radio – 88-108	TV – 1.0 Radio – 1.0
Quadruple TV, radio and dual satellite module – TV IEC male + radio IEC female + dual satellite female	TV – 5-68, 470-862, Radio –88-230 SAT1 – 950-2400, SAT2 – 0-2400	TV – 1.0, Radio – 1.0, SAT1 – 2.0, SAT2 – 2.0

Nexus
GRID
MODULAR SYSTEM

www.**bgelectrical**.uk

Blank Modules

- Module blanks are ideal for covering up unused space in your Euro-module plate
- Aperture sizes:
  $^1/_2$ Module: 6.25 x 50mm
  1 Module: 12.5 x 50mm

EMBLKBW   EMBLK1B

White	Grey	Black	Modules	Description	Inner Carton	Outer Carton
EMBLKW	EMBLKG	EMBLKB	$^1/_2$ (each)	Blank (2pcs)	10	100
EMBLK1W	EMBLK1G	EMBLK1B	1	Blank (1pc)	10	100
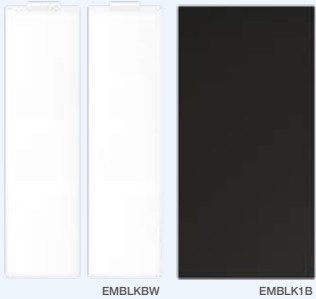
TV, Radio and Satellite Modules – Non-Screened Outlets

- Manufactured to BS 5733
- Aperture sizes:
  1 Module: 25 x 50mm

EMNSSATW   EMNSSATG

EMNSITVB

White	Grey	Black	Modules	Description	Inner Carton	Outer Carton
EMNSTVW	EMNSTVG	EMNSTVB	1	Co-axial connection	10	100
EMNSITVW	EMNSITVG	EMNSITVB	1	Co-axial (isolated) connection	10	100
EMNSSATW	EMNSSATG	EMNSSATB	1	Satellite connection – female	10	100

Telecom and Data Modules

- Shuttered sockets
- Manufactured to BS 6312-2
- Aperture sizes:
  1 Module: 25 x 50mm

EMRJ11G

EMRJ45C5EB

White	Grey	Black	Modules	Description	Inner Carton	Outer Carton
EMBTMSW	EMBTMSG	EMBTMSB	1	Telephone – BT master (screw)	10	100
EMBTMIW	EMBTMIG	EMBTMIB	1	Telephone – BT master (IDC)	10	100
EMBTSSW	EMBTSSG	EMBTSSB	1	Telephone – BT secondary (screw)	10	100
EMBTSIW	EMBTSIG	EMBTSIB	1	Telephone – BT secondary (IDC)	10	100
EMRJ11W	EMRJ11G	EMRJ11B	1	Telephone – RJ11 (screw)	10	100
EMRJ45C5EW	EMRJ45C5EG	EMRJ45C5EB	1	Data – RJ45, CAT5E (IDC)	10	100
EMRJ45C6W	EMRJ45C6G	EMRJ45C6B	1	Data – RJ45, CAT6 (IDC)	10	100

Power Modules

- 13 Amp UK socket manufactured to BS 1363-2
- Aperture sizes:
  1 Module: 25 x 50mm
  2 Module: 50 x 50mm

EMUKSW   EMSCHSG   EMUNVB

White	Grey	Black	Modules	Description	Inner Carton	Outer Carton
EMUKSW	EMUKSG	EMUKSB	2	13 Amp (UK) unswitched socket	10	100
EMUNVW	EMUNVG	EMUNVB	2	Universal unswitched socket	10	100
EMEUSW	EMEUSG	EMEUSB	1	16 Amp 2 pin unswitched socket	10	100
EMSCHSW	EMSCHSG	EMSCHSB	2	16 Amp Schuko unswitched socket	10	100
EM2ASW	EM2ASG	EM2ASB	2	2 Amp round pin unswitched socket	10	100
EM5ASW	EM5ASG	EM5ASB	2	5 Amp round pin unswitched socket	10	100

USB Charger Modules

45W USB A+C Module
- Ideal for charging tablet, laptops and smartphones
- 45W shared between two ports
- Minimum mounting box depth 47mm

15.5W USB 2xA Module
- Ideal for charging smartphones and other portable USB devices
- 15.5W shared between two ports
- Minimum mounting box depth 35mm

Both modules:
- Terminal capacity 1 x 2.5mm2 or 1 x 4.0mm2
- Manufactured to IEC 61558-2-16

EMUSBAC45B

White	Grey	Black	Modules	Description	Inner Carton	Outer Carton
EMUSB3W	EMUSB3G	EMUSB3B	2	USB charger, 2 x A, 15.5W	10	100
EMUSBAC45W	EMUSBAC45G	EMUSBAC45B	2	USB Charger, A + C, 45W	10	100

16 Amp Hotel Key Card Switch

- 50 x 50mm Euro Module
- Load Rating – 1800W for incandescent, 800W for fluorescent
- 30 second power-off delay
- Saves energy and improves safety
- Power to the room will active when a key card inserted
- Locator LED ideal for night operation
- Mounting box depth 47mm
- Colour coded terminals with backed-out and captive screws
- Designed and manufactured to BS EN 60669-2-1

EMKYCSG

White	Grey	Black	Modules	Description	Inner Carton	Outer Carton
EMKYCSW	EMKYCSG	EMKYCSB	2	16 Amp key card switch	10	100

Hotel Room Indicator + Switch

- Manufactured to BS 1363-2, BS EN 60669-1
- Mounting box depth 47mm
- Do not Disturb (Red) and Make-up room (Green) LED indicators

EMHTLINDB

EM3SW42W

White	Grey	Black	Modules	Description	Inner Carton	Outer Carton
EM3SW42W	EM3SW42G	EM3SW42B	1	3 position switch	10	100
EMHTLINDW	EMHTLINDG	EMHTLINDB	1	Status indicator	10	100

13 Amp Key Controlled Switched Socket

- Manufactured to BS 1363-2, BS EN 60669-1
- Mounting box depth 47mm
- Terminal capacity 3 x 2.5mm², 2 x 4.0mm², 1 x 6.0mm²
- Lockable socket, supplied with two keys
- Double pole switch

EMKYSWSW

White	Grey	Black	Modules	Description	Inner Carton	Outer Carton
EMKYSWSW	EMKYSWSG	EMKYSWSB	4	13 Amp double pole key controlled switched socket	10	100

Switch Modules

- Terminal capacity 4 x 1.0mm², 4 x 1.5mm², 2 x 2.5mm² & 1 x 4.0mm²
- Manufactured to BS EN 60669-1
- Minimum mounting box depth 25mm

EMSW13W   EMSW13G

EMSW13B

White	Grey	Black	Modules	Description	Inner Carton	Outer Carton
EMSW12W	EMSW12G	EMSW12B	1	20 AX 2 way switch	10	100
EMSW13W	EMSW13G	EMSW13B	1	10 AX intermediate switch	10	100
EMSW12KYW	EMSW12KYG	EMSW12KYB	1	20 AX 2 way key switch	10	100
EMSW12ELW	EMSW12ELG	EMSW12ELB	1	20 AX 2 way key switch – emergency lighting	10	100
EMSW30KYW	EMSW30KYG	EMSW30KYB	1	20 Amp DP key switch	10	100
EMSW30W	EMSW30G	EMSW30B	1	20 Amp DP switch	10	100

Touch Dimmer Modules

Intelligent trailing edge dimmer suitable for LED, halogen, CFL and incandescent lamps

- Soft start, smooth dimming control and silent operation
- Overload protection
- Clearly marked terminals with backed out captive screws for easy installation
- Terminal capacity 3 x 1mm², 2 x 1.5mm² & 1 x 2.5mm²
- Manufactured to BS EN 60669-2-1
- Minimum mounting box depth 25mm

EMTDMW

EMTDMG

White	Grey	Black	PC White	Modules	Description	Inner Carton	Outer Carton
EMTDMW	EMTDMG	EMTDMB	EMTDMPCWH	1	Touch LED dimmer, master	10	100
EMTDSW	EMTDSG	EMTDSB	EMTDSPCWH	1	Touch LED dimmer, secondary	10	100

Fused Modules

- Manufactured to BS 1363 Part 4
- Terminal capacity 3 x 2.5mm², 2 x 4.0mm² & 1 x 6.0mm²
- Supplied with pre-fitted 13 Amp fuse
- Minimum mounting box depth 25mm
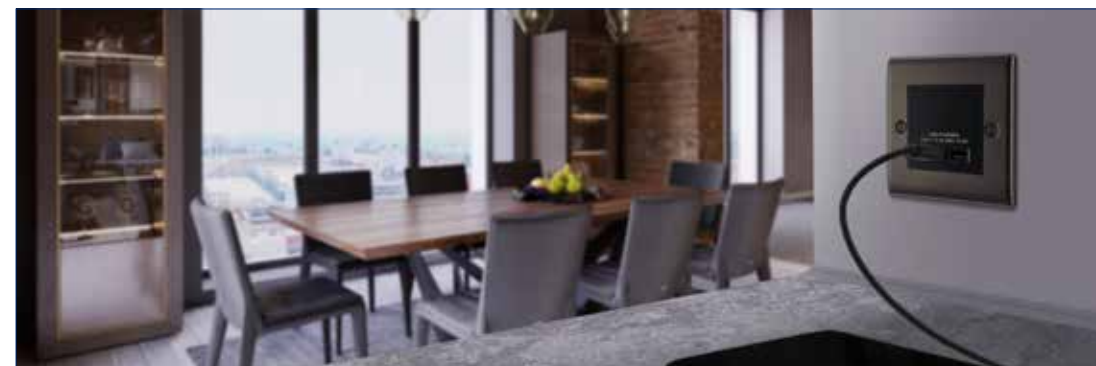- Clearly marked terminals with backed out captive screws for easy installation

EMFUSEW   EMFUSEG

EMFUSEB

White	Grey	Black	Modules	Description	Inner Carton	Outer Carton
EMFUSEW	EMFUSEG	EMFUSEB	1	13 Amp fused module	10	100

RCA X2 Outlet

• Manufactured to BS 5733
• RCA/phono cable outlets used to carry audio and video signals
• Screw terminals

EMRAC2W   EMRAC2G

EMRAC2B

White	Grey	Black	Modules	Description	Inner Carton	Outer Carton
EMRCA2W	EMRCA2G	EMRCA2B	1	RCA x 2 outlet	10	100

Flex Outlets

Brush Flex Outlet
• Ideal for home entertainment cable management
• Brushes protect cables and prevent movement
• Ideal for cavity walls

45 Amp Flex Outlet
• Black M20 cable gland, supplied with 3 way terminal
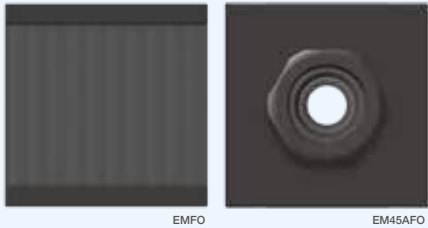
EMFO   EM45AFO

Product Code	Modules	Description	Inner Carton	Outer Carton
EMFO	2	Brush flex outlet	10	100
EM45AFO	2	45 Amp flex outlet	10	100

HDMI Outlet

• Manufactured to BS 5733
• Female HDMI front and rear outlet
• 90° connection to help with limited space in wall void
• Suitable for high speed, HDMI 1.4 standard: 4K Ultra HD compatible and 3D compatible at 4,25 and 30 fps
• Maximum bitrate of 10.2 Gbps

EMHDMIG   EMHDMIB

White	Grey	Black	Modules	Description	Inner Carton	Outer Carton
EMHDMIW	EMHDMIG	EMHDMIB	2	HDMI outlet	10	100

Combination Plate

• Twin earth fitted as standard to allow a double earth facility for installations requiring
• High integrity protective connection Ref. BS 7671:2008
• Manufactured to BS 1363 Part 2
• Terminal capacity 3 x 2.5mm², 3 x 4.0mm² & 2 x 6.0mm²
• Mounting box depth 47mm (HGS07/C4)
• Modules of mains and extra low voltage rating must not be fitted to the same front plate aperture Ref. BS 7671:2008

NBS222EM8G

White Moulded	Brushed Steel	Polished Crome	Black Nickel	Antique Brass	Matt Black	Description	Inner Carton	Outer Carton
822EM4	-	-	-	-	-	1 x double socket + 1 x 4 module aperture	1	5
8222EM8	NBS222EM8G	NPC222EM8W	NBN222EM8B	NAB222EM8B	NFB222EM8B	2 x double socket + 2 x 4 module aperture	1	5

Euro Module Range Extension

Quick & Easy Installation

A flexible solution of power, data, telephone, television and audio combinations to suit the wide ranging needs of the customer.

• Select the desired combination of front plate and module(s)
• Simple installation, wire the module through the front plate aperture then push the module into place
• Modules of mains and extra low voltage rating must not be fitted to the same front plate aperture Ref. BS 7671:2008

Front Plate   Modules

NPCEMR4   EMTVFMSAT2W   EMNSSATW   EMBTMSW

www.bgelectrical.uk
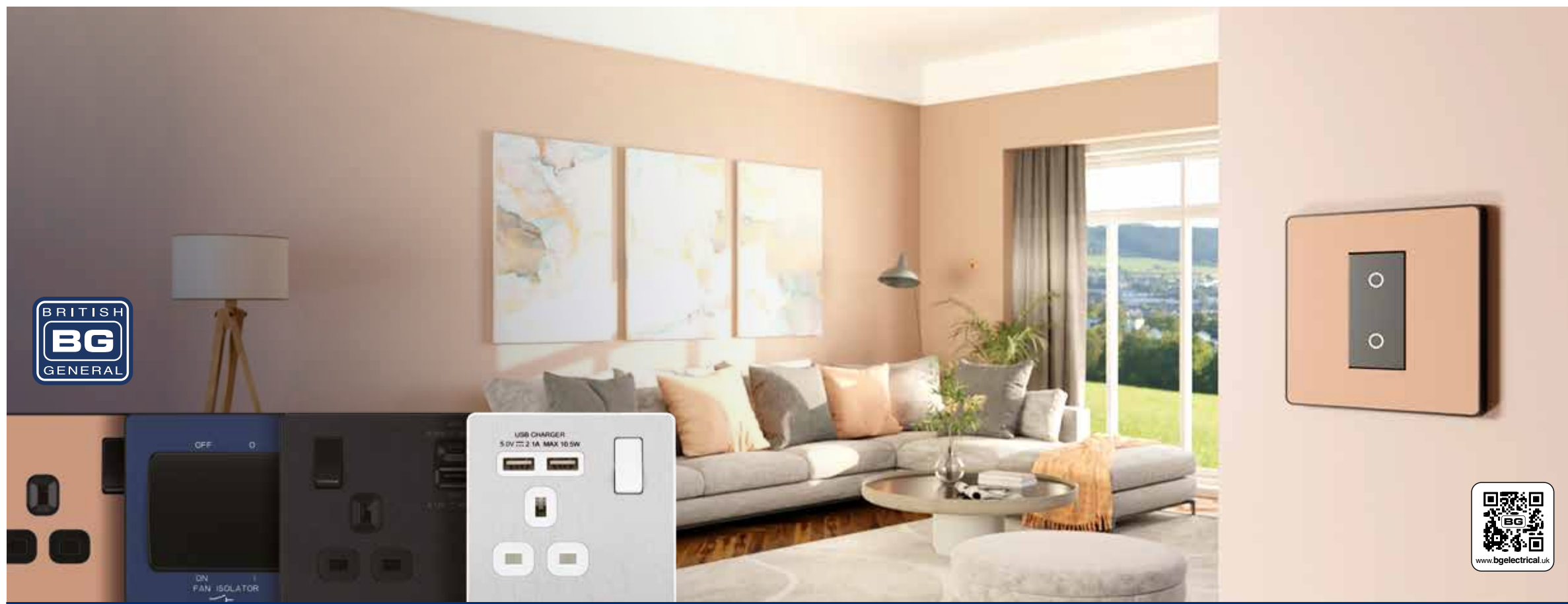
EVOLVE

DECORATIVE WIRING ACCESSORIES

Contemporary finishes for modern interiors

A new generation of modern wiring devices, available in the latest colours and finishes.

These modern and stylish switches and sockets are the latest addition to the BG Decorative Wiring Accessory portfolio. Designed with a slim, screwless profile, this comprehensive range offers a complete solution for any domestic or commercial application. The latest innovations from BG, including fast charging Type C USB, LED touch dimmers and Wi-Fi extenders, are all included in a range that offers the widest range of colours and finishes available.

| Pearlescent White | Brushed Steel | Matt Grey | Matt Black | Matt Blue | Polished Copper | Satin Brass | Black Chrome |

IN THE RANGE

25 YEARS GUARANTEE

BG Electrical products are guaranteed against faulty materials and workmanship for a period of 25 years, from date of delivery.

Features & Benefits

Angled in-line colour coded captive terminals for quick & easy installation

Slim profile

Clip on/off front plate

All of the latest BG innovations

Twin Earth

Screwless appearance to complement any interior decor

20 Amp 16AX Light Switches

- Manufactured to BS EN 60669-1
- Captive terminal screws
- Terminal capacity 4x1.0mm², 4x1.5mm², 2x2.5mm² & 1x4.0mm²
- Minimum mounting box depth – 25mm

PCDBS42W

Single 2 Way	Single Intermediate	Double 2 Way	Triple 2 Way	Finish	Frame & Switch Colour
PCDCL12W	PCDCL13W	PCDCL42W	PCDCL43W	Pearlescent White	White
PCDBS12W	PCDBS13W	PCDBS42W	PCDBS43W	Brushed Steel	White
PCDMG12B	PCDMG13B	PCDMG42B	PCDMG43B	Matt Grey	Black
PCDMB12B	PCDMB13B	PCDMB42B	PCDMB43B	Matt Black	Black
PCDDB12B	PCDDB13B	PCDDB42B	PCDDB43B	Matt Blue	Black
PCDCP12B	PCDCP13B	PCDCP42B	PCDCP43B	Polished Copper	Black
PCDSB12B	PCDSB13B	PCDSB42B	PCDSB43B	Satin Brass	Black
PCDBC12B	PCDBC13B	PCDBC42B	PCDBC43B	Black Chrome	Black

PCDSB12B

PCDCP12B

APPROVED

20 Amp 16AX Light Switches – Wide Rocker

- Large touch point for ease of operation
- Manufactured to BS EN 60669-1
- Captive terminal screws
- Terminal capacity 4x1.0mm², 4x1.5mm², 2x2.5mm² & 1x4.0mm²
- Minimum mounting box depth – 25mm

PCDBS12WW

Single 2 Way	Double 2 Way	Finish	Frame & Switch Colour
PCDCL12WW	PCDCL42WW	Pearlescent White	White
PCDBS12WW	PCDBS42WW	Brushed Steel	White
PCDMG12WB	PCDMG42WB	Matt Grey	Black
PCDMB12WB	PCDMB42WB	Matt Black	Black
PCDDB12WB	PCDDB42WB	Matt Blue	Black
PCDCP12WB	PCDCP42WB	Polished Copper	Black
PCDSB12WB	PCDSB42WB	Satin Brass	Black
PCDBC12WB	PCDBC42WB	Black Chrome	Black

PCDMG12WB

PCDCL42WW

APPROVED

10 Amp Press Switch

- 10 Amp retractive switch printed "PRESS"
- Captive terminal screws
- Terminal capacity 4 x 1.0mm², 4 x 1.5mm², 2 x 2.5mm² & 1 x 4.0mm²
- Minimum mounting box depth – 25mm

PCDCP14B

Single Retractive 10A "Press"	Finish	Frame & Switch Colour
PCDCL14W	Pearlescent White	White
PCDBS14W	Brushed Steel	White
PCDMG14B	Matt Grey	Black
PCDMB14B	Matt Black	Black
PCDDB14B	Matt Blue	Black
PCDCP14B	Polished Copper	Black
PCDSB14B	Satin Brass	Black
PCDBC14B	Black Chrome	Black

PCDBC14B

PCDBS14W

APPROVED

20 Amp 16AX Light Switches - Edge Rocker

- Full face 'edge to edge' rocker switch provides an attractive large touch point for ease of operation
- Clip on rockers with no visible fixing screws
- Manufactured to BS EN 60669-1
- Terminal capacity 4x1.0mm², 4x1.5mm², 2x2.5mm² & 1x4.0mm²
- Minimum mounting box depth 1-2G 25mm, 3G 35mm

PCDDB42EB

Single 2 Way	Single Intermediate	Double 2 Way	Triple 2 Way	Finish	Frame Colour
PCDCL12EW	PCDCL13EW	PCDCL42EW	PCDCL43EW	Pearlescent White	White
PCDBS12EW	PCDBS13EW	PCDBS42EW	PCDBS43EW	Brushed Steel	White
PCDMG12EB	PCDMG13EB	PCDMG42EB	PCDMG43EB	Matt Grey	Black
PCDMB12EB	PCDMB13EB	PCDMB42EB	PCDMB43EB	Matt Black	Black
PCDDB12EB	PCDDB13EB	PCDDB42EB	PCDDB43EB	Matt Blue	Black
PCDCP12EB	PCDCP13EB	PCDCP42EB	PCDCP43EB	Polished Copper	Black
PCDSB12EB	PCDSB13EB	PCDSB42EB	PCDSB43EB	Satin Brass	Black
PCDBC12EB	PCDBC13EB	PCDBC42EB	PCDBC43EB	Black Chrome	Black

PCDSB12EB

PCDMB13EB

APPROVED

10 Amp 3 Pole Fan Isolator

- Triple pole switching design, however can be used for double pole applications if required
- Captive terminal screws
- Terminal capacity 4 x 1.0mm², 4 x 1.5mm², 2 x 2.5mm² & 1 x 4.0mm²
- Minimum mounting box depth – 25mm

PCDDB15B

Fan Isolator 10A 3 Pole	Finish	Frame & Switch Colour
PCDCL15W	Pearlescent White	White
PCDBS15W	Brushed Steel	White
PCDMG15B	Matt Grey	Black
PCDMB15B	Matt Black	Black
PCDDB15B	Matt Blue	Black
PCDCP15B	Polished Copper	Black
PCDSB15B	Satin Brass	Black
PCDBC15B	Black Chrome	Black

PCDSB15B

PCDCL15W

APPROVED

Switched Socket Outlets

- Twin earth fitted as standard to allow a double earth facility for installations requiring high integrity protective connection Ref. BS 7671:2008
- Angled in-line colour coded terminals
- 13A sockets manufactured to BS 1363-2
- Captive terminal screws
- Terminal capacity 3×2.5mm², 3×4.0mm² & 2×6.0mm²
- Minimum mounting box depth – 35mm

PCDCP22B

Single	Double	Finish	Frame & Insert Colour
PCDCL21W	PCDCL22W	Pearlescent White	White
PCDBS21W	PCDBS22W	Brushed Steel	White
PCDMG21B	PCDMG22B	Matt Grey	Black
PCDMB21B	PCDMB22B	Matt Black	Black
PCDDB21B	PCDDB22B	Matt Blue	Black
PCDCP21B	PCDCP22B	Polished Copper	Black
PCDSB21B	PCDSB22B	Satin Brass	Black
PCDBC21B	PCDBC22B	Black Chrome	Black
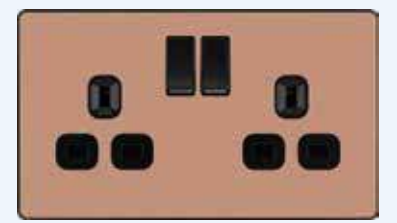
PCDDB21B

PCDBC21B

APPROVED

BG

SUPERFAST
USB SOCKETS

45W
Perfect for laptops

22W
Ideal for phones

Faster, Smarter USB charging.

With USB Type-C & USB Type-A ports, utilising variable fast charging technology to protect and prolong battery life by only delivering the power a device needs.

*For more information on USB Charging Sockets see page 8.

USB A+C

13 Amp Double Switched Socket with Fast Charge USB A + C (22W)

- Ideal for charging smartphones, tablets, power banks and portable gaming devices
- Simultaneous charging of two devices
- Smart Charging with variable voltage - only delivers the power that your device needs, without overcharging.
- Supports PD & QC charging protocols for Android and iOS devices (when using a certified cable)
- Minimum mounting box depth 35mm - ideal for retro-fit
- Terminal Capacity 3 x 2.5mm, 3 x 4.0mm, 2 x 6mm
- Twin Earth fitted as standard - Ref. BS 7671:2008
- Manufactured to BS1363-2
- 10 Year Guarantee

PCDSB22UAC22B

Double 22W USB	Finish	Frame & Insert Colour
PCDCL22UAC22W	Pearlescent White	White
PCDBS22UAC22W	Brushed Steel	White
PCDMG22UAC22B	Matt Grey	Black
PCDMB22UAC22B	Matt Black	Black
PCDDB22UAC22B	Matt Blue	Black
PCDCP22UAC22B	Polished Copper	Black
PCDSB22UAC22B	Satin Brass	Black
PCDBC22UAC22B	Black Chrome	Black

13 Amp Double Switched Socket with Fast Charge USB A + C (45W)

- Ideal for charging laptops, tablets, smartphones, video equipment and IoT devices
- Simultaneous charging of two devices
- Smart Charging with variable voltage - only delivers the power that your device needs, without overcharging.
- Supports PD & QC charging protocols for Android and iOS devices (when using a certified cable)
- Minimum mounting box depth 35mm - ideal for retro-fit
- Terminal Capacity 3 x 2.5mm, 3 x 4.0mm, 2 x 6mm
- Twin Earth fitted as standard - Ref. BS 7671:2008
- Manufactured to BS1363-2
- 10 Year Guarantee

PCDMG22UAC45B

Double 45W USB	Finish	Frame & Insert Colour
PCDCL22UAC45W	Pearlescent White	White
PCDBS22UAC45W	Brushed Steel	White
PCDMG22UAC45B	Matt Grey	Black
PCDMB22UAC45B	Matt Black	Black
PCDDB22UAC45B	Matt Blue	Black
PCDCP22UAC45B	Polished Copper	Black
PCDSB22UAC45B	Satin Brass	Black
PCDBC22UAC45B	Black Chrome	Black

13 Amp Single Switched Socket with Fast Charge USB A + C (18W)

- Ideal for charging smartphones, tablets, power banks and portable gaming devices
- Smart charging with variable voltage - only delivers the power that your device needs without overcharging
- Supports PD & QC charging protocols for Android and iOS devices (when using a certified cable)
- Simultaneous charging of two devices
- Minimum mounting box depth 35mm
- Terminal Capacity 3 x 2.5mm, 3 x 4.0mm, 2 x 6mm
- Twin Earth fitted as standard - Ref. BS 7671:2008
- Manufactured to BS1363-2
- 10 Year Guarantee

PCDDB21UAC18B   PCDCL21UAC18W

APPROVED

Single 18W USB	Finish	Frame & Insert Colour
PCDCL21UAC18W	Pearlescent White	White
PCDBS21UAC18W	Brushed Steel	White
PCDMG21UAC18B	Matt Grey	Black
PCDMB21UAC18B	Matt Black	Black
PCDDB21UAC18B	Matt Blue	Black
PCDCP21UAC18B	Polished Copper	Black
PCDSB21UAC18B	Satin Brass	Black
PCDBC21UAC18B	Black Chrome	Black

Wi-Fi Socket
RANGE EXTENDER

BRITISH BG GENERAL

Extend your Wi-Fi coverage throughout your home

www.**bg-evolve**.uk

Designed to work with all wireless broadband routers and easy to install with one touch WPS, this includes a USB charging port and eradicates the need for plug-in adaptors, keeping sockets free for use.

SMART USB CONNECTIVITY

300 MBPS

2.4 GHz SINGLE BAND

N300 Mbps

Wi-Fi Extender Socket and USB Charger 1 x Outlet (2.1A)

- Extend your Wi-Fi coverage through-out your home
- Works with all wireless broadband routers
- Easy to install and setup with one touch WPS
- N300 Wi-Fi technology – Up to 300Mbps data transfer speed. Single band (2.4GHz)
- Perfect for streaming music and videos or playing online games
- USB charger ideal for phones, tablets, cameras and other USB devices
- Double switched socket with outboard rockers
- Angled in line colour coded terminals with captive screws
- Manufactured to BS1363-2
- Terminal capacity 3x 2.5mm², 3x 4.0mm² & 2x 6.0mm²
- Minimum mounting box depth – 35mm
- 10 year guarantee

PCDMB22UWRB

Double Wi-Fi Extender + USB	Finish	Frame & Insert Colour
PCDCL22UWRW	Pearlescent White	White
PCDBS22UWRW	Brushed Steel	White
PCDMG22UWRB	Matt Grey	Black
PCDMB22UWRB	Matt Black	Black
PCDDB22UWRB	Matt Blue	Black
PCDCP22UWRB	Polished Copper	Black
PCDSB22UWRB	Satin Brass	Black
PCDBC22UWRB	Black Chrome	Black

Intertek Lic No.1182

PCDBS22UWRW

20 Amp Double Pole Switches

- Flush LED indicator
- Colour coded terminals
- Manufactured to BS EN 60669-1
- Terminal capacity 3×2.5mm², 2×4.0mm² & 1×6.0mm²
- Minimum mounting box depth – 25mm

PCDCL31W

PCDMG31B

PCDSB31B

PCDCP31B

20A DP Switch with LED	Finish	Frame & Switch Colour
PCDCL31W	Pearlescent White	White
PCDBS31W	Brushed Steel	White
PCDMG31B	Matt Grey	Black
PCDMB31B	Matt Black	Black
PCDDB31B	Matt Blue	Black
PCDCP31B	Polished Copper	Black
PCDSB31B	Satin Brass	Black
PCDBC31B	Black Chrome	Black
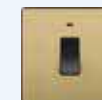
A$A APPROVED

Fused Connection Units

- Optional cable outlet
- Colour coded terminals with backed out captive screws for easy installation
- Flush LED power indicator
- Manufactured to BS 1363-4
- Terminal capacity 3×2.5mm2, 2×4.0mm2 & 1×6.0mm2
- Minimum mounting box depth – 35mm

PCDDB54B

PCDBS52W

PCDCL52B

PCDMB54B

Switched	Unswitched	Finish	Frame & Insert Colour
PCDCL52W	PCDCL54W	Pearlescent White	White
PCDBS52W	PCDBS54W	Brushed Steel	White
PCDMG52B	PCDMG54B	Matt Grey	Black
PCDMB52B	PCDMB54B	Matt Black	Black
PCDDB52B	PCDDB54B	Matt Blue	Black
PCDCP52B	PCDCP54B	Polished Copper	Black
PCDSB52B	PCDSB54B	Satin Brass	Black
PCDBC52B	PCDBC54B	Black Chrome	Black

A$A APPROVED

Cooker Control Unit

- Cooker control units manufactured to BS4177
- Double pole switches to BS EN 60669-1
- Flush LED indicators
- Colour coded terminals with captive backed out screws
- Twin earth for high integrity circuits
- Terminal capacity 4 x 4.0mm², 3 x 6.0mm² & 1 x 16.0mm²
- Minimum mounting box depth – 47mm

PCDMG70B

PCDCL70W

Cooker Control Unit	Finish	Frame & Insert Colour
PCDCL70W	Pearlescent White	White
PCDBS70W	Brushed Steel	White
PCDMG70B	Matt Grey	Black
PCDMB70B	Matt Black	Black
PCDDB70B	Matt Blue	Black
PCDCP70B	Polished Copper	Black
PCDSB70B	Satin Brass	Black
PCDBC70B	Black Chrome	Black

APPROVED

45 Amp Double Pole Switches

- Manufactured to BS EN 60669-1
- Flush LED indicator
- Colour coded terminals with captive backed out screws
- Twin earth for high integrity circuits
- Terminal capacity 4×4.0mm², 3×6.0mm² & 1×16.0mm²
- Minimum mounting box depth – 47mm

PCDSB74B

PCDBS72W

PCDDB72B

Rectangular Plate	Square Plate	Finish	Frame Colour
PCDCL72W	PCDCL74W	Pearlescent White	White
PCDBS72W	PCDBS74W	Brushed Steel	White
PCDMG72B	PCDMG74B	Matt Grey	Black
PCDMB72B	PCDMB74B	Matt Black	Black
PCDDB72B	PCDDB74B	Matt Blue	Black
PCDCP72B	PCDCP74B	Polished Copper	Black
PCDSB72B	PCDSB74B	Satin Brass	Black
PCDBC72B	PCDBC74B	Black Chrome	Black

APPROVED

Shaver Socket

- Captive terminal screws
- Dual voltage 115/240V
- Manufactured to BS EN 61558 & BS4573
- Terminal capacity 3×2.5mm² & 2×4.0mm²
- Minimum mounting box depth – 47mm

PCDCL20W

PCDMG20B

Shaver Socket	Finish	Frame & Insert Colour
PCDCL20W	Pearlescent White	White
PCDBS20W	Brushed Steel	White
PCDMG20B	Matt Grey	Black
PCDMB20B	Matt Black	Black
PCDDB20B	Matt Blue	Black
PCDCP20B	Polished Copper	Black
PCDSB20B	Satin Brass	Black
PCDBC20B	Black Chrome	Black

APPROVED
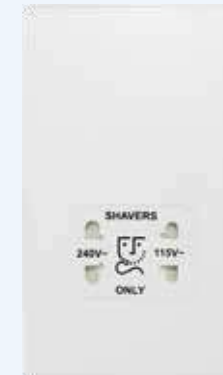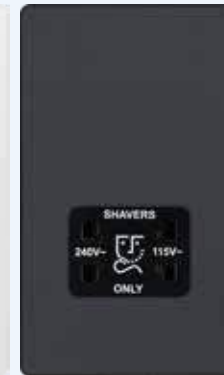
Touch Dimmer Switch – Intelligent Trailing Edge

- Intelligent trailing edge dimmers have a lower minimum load than leading edge dimmers, offering greater compatibility for LED, Halogen, CFL and incandescent lamps
- Soft start brings the lights to a set level in around 1 second and extends the life of lamps
- Overload protection prevents failure if you mistakenly connect your dimmer to too many lights or transformers, and will turn the lights down or off until the load is corrected
- Smooth dimming control
- Silent operation - no noise when dimming
- Support for lower wattage lamps eliminates flicker
- Touch dimmer control
- Captive backed out terminal screws prevent screw loss
- Manufactured to BS EN 60669-2-1
- 3 x 1mm² 2 x 1.5mm² & 1 x 2.5mm²
- Minimum mounting box depth – 25mm

PCDBCTDS2B
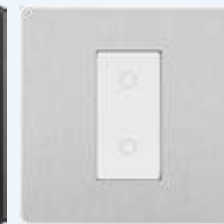
PCDBSTDM1W

PCDCLTDS2W
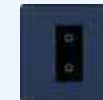
PCDDBTDM1B

Load Rating (Max/Min per module)

- Dimmable LED 5-100W
- Tungsten/Incandescent 5-200W
- Halogen 20-200W
- Dimmable Compact Fluorescent (CFL) 5-100W

APPROVED

Installation Note

- Master can only be used in a one way switching circuit where one switch controls a light (or circuit) i.e. on or off.
- For two way switching, where a light (or circuit) is controlled by two switches, the master touch dimmer must be used with a secondary touch dimmer at the secondary location.
- A master touch dimmer cannot be used in combination with a traditional light switch or any other dimmer switch.

Single 2 Way Master	Double 2 Way Master	Single 2 Way Secondary	Double 2 Way Secondary	Finish	Frame & Module Colour
PCDCLTDM1W	PCDCLTDM2W	PCDCLTDS1W	PCDCLTDS2W	Pearlescent White	White
PCDBSTDM1W	PCDBSTDM2W	PCDBSTDS1W	PCDBSTDS2W	Brushed Steel	White
PCDMGTDM1B	PCDMGTDM2B	PCDMGTDS1B	PCDMGTDS2B	Matt Grey	Black
PCDMBTDM1B	PCDMBTDM2B	PCDMBTDS1B	PCDMBTDS2B	Matt Black	Black
PCDDBTDM1B	PCDDBTDM2B	PCDDBTDS1B	PCDDBTDS2B	Matt Blue	Black
PCDCPTDM1B	PCDCPTDM2B	PCDCPTDS1B	PCDCPTDS2B	Polished Copper	Black
PCDSBTDM1B	PCDSBTDM2B	PCDSBTDS1B	PCDSBTDS2B	Satin Brass	Black
PCDBCTDM1B	PCDBCTDM2B	PCDBCTDS1B	PCDBCTDS2B	Black Chrome	Black

Intelligent Dimmer Switch

- Intelligent dimmer suitable for LED, halogen and incandescent lamps
- Soft start, smooth dimming control and silent operation
- 2 Way push on/off with rotary control
- Overload protection will turn the lights down or off until the load is corrected
- Clearly marked terminals with backed out captive screws for easy installation
- Terminal capacity 3 x 1mm², 2 x 1.5mm² & 1 x 2.5mm²
- Manufactured to BS EN 60669-2-1
- Minimum mounting box depth – 25mm
- Triple and quadruple dimmers can be configured using the Evolve Grid range
- Load rating (max/min per module) 5-150W

PCDCL81W
PCDBS82W
PCDSB84B
PCDDB82B

Single	Double	Triple	Quadruple	Finish	Frame & Dimmer Colour
PCDCL81W	PCDCL82W	PCDCL83W	PCDCL84W	Pearlescent White	White
PCDBS81W	PCDBS82W	PCDBS83W	PCDBS84W	Brushed Steel	Brushed Steel
PCDMG81B	PCDMG82B	PCDMG83B	PCDMG84B	Matt Grey	Black
PCDMB81B	PCDMB82B	PCDMB83B	PCDMB84B	Matt Black	Black
PCDDB81B	PCDDB82B	PCDDB83B	PCDDB84B	Matt Blue	Black
PCDCP81B	PCDCP82B	PCDCP83B	PCDCP84B	Polished Copper	Black
PCDSB81B	PCDSB82B	PCDSB83B	PCDSB84B	Satin Brass	Black
PCDBC81B	PCDBC82B	PCDBC83B	PCDBC84B	Black Chrome	Black

APPROVED

Euro-module Front Plates

- Compatible with the wider Euro Module range of products
- Assemble different configurations onto a single faceplate
- Manufactured to BS 5733

PCDSBEMR4B
PCDBSEMS2W
PCDMGEMS1B

Single Plate 1M – 25 x 50	Single Plate 2M – 50 x 50	Double Plate 4M – 100 x 50	Finish	Frame Colour
PCDCLEMS1W	PCDCLEMS2W	PCDCLEMR4W	Pearlescent White	White
PCDBSEMS1W	PCDBSEMS2W	PCDBSEMR4W	Brushed Steel	White
PCDMGEMS1B	PCDMGEMS2B	PCDMGEMR4B	Matt Grey	Black
PCDMBEMS1B	PCDMBEMS2B	PCDMBEMR4B	Matt Black	Black
PCDDBEMS1B	PCDDBEMS2B	PCDDBEMR4B	Matt Blue	Black
PCDCPEMS1B	PCDCPEMS2B	PCDCPEMR4B	Polished Copper	Black
PCDSBEMS1B	PCDSBEMS2B	PCDSBEMR4B	Satin Brass	Black
PCDBCEMS1B	PCDBCEMS2B	PCDBCEMR4B	Black Chrome	Black

Blank Plates

- Ideal for covering unused electrical points
- Internal frame - screw fit to a standard box
- Screwless front plate clips on and off easily

PCDMG95B
PCDSB94B

Single Plate	Double Plate	Finish	Frame Colour
PCDCL94W	PCDCL95W	Pearlescent White	White
PCDBS94W	PCDBS95W	Brushed Steel	White
PCDMG94B	PCDMG95B	Matt Grey	Black
PCDMB94B	PCDMB95B	Matt Black	Black
PCDDB94B	PCDDB95B	Matt Blue	Black
PCDCP94B	PCDCP95B	Polished Copper	Black
PCDSB94B	PCDSB95B	Satin Brass	Black
PCDBC94B	PCDBC95B	Black Chrome	Black
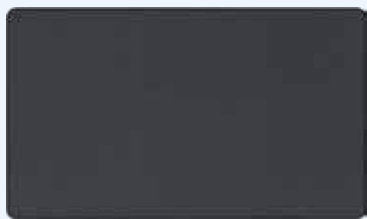
Co-Axial Socket Outlets

- Screw terminal
- Manufactured to BS3041 and BS5733
- Minimum mounting box depth – 25mm
- A wider range of TV, FM and Satellite modules can be configured using Euro Modules and Evolve Euro Module front plates

PCDMB60B
APPROVED
PCDCL60W
PCDCP60B

Single	Finish	Frame & Module Colour
PCDCL60W	Pearlescent White	White
PCDBS60W	Brushed Steel	White
PCDMG60B	Matt Grey	Black
PCDMB60B	Matt Black	Black
PCDDB60B	Matt Blue	Black
PCDCP60B	Polished Copper	Black
PCDSB60B	Satin Brass	Black
PCDBC60B	Black Chrome	Black

Telephone & Data Outlets

- Shuttered sockets
- Telephone sockets with screw terminals
- RJ45 with IDC terminals
- RJ45 Cat 6 outlet supports data transfer speeds of up to 10Gbps at 250MHz up to 164 feet
- Manufactured to BS EN 6312-2
- Minimum mounting box depth – 35mm
- Double outlets can be configured using Euro Modules and Evolve Euro Module front plates

PCDBSBTM1W
PCDCLBTS1W
PCDDBRJ451B

Single Master	Single Secondary	Single RJ45	Finish	Frame & Module Colour
PCDCLBTM1W	PCDCLBTS1W	PCDCLRJ451W	Pearlescent White	White
PCDBSBTM1W	PCDBSBTS1W	PCDBSRJ451W	Brushed Steel	White
PCDMGBTM1B	PCDMGBTS1B	PCDMGRJ451B	Matt Grey	Black
PCDMBBTM1B	PCDMBBTS1B	PCDMBRJ451B	Matt Black	Black
PCDDBBTM1B	PCDDBBTS1B	PCDDBRJ451B	Matt Blue	Black
PCDCPBTM1B	PCDCPBTS1B	PCDCPRJ451B	Polished Copper	Black
PCDSBBTM1B	PCDSBBTS1B	PCDSBRJ451B	Satin Brass	Black
PCDBCBTM1B	PCDBCBTS1B	PCDBCRJ451B	Black Chrome	Black

APPROVED

Hotel Key Card Switch

- Load Rating – 1800W for incandescent, 800W for fluorescent
- 30 second power-off delay
- Saves energy and improves safety
- Power to the room will active when a key card inserted
- Locator LED ideal for night operation
- Mounting box depth 47mm
- Colour coded terminals with backed-out and captive screws

PCDCPKYCSB

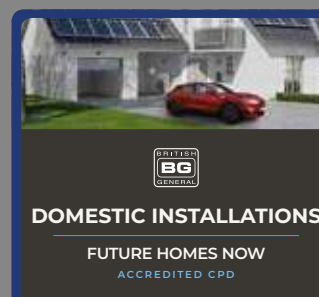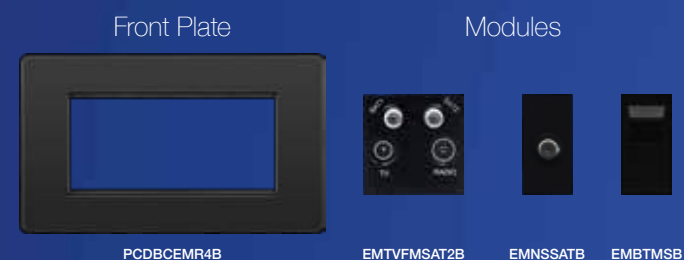| Single Master	Finish	Frame & Module Colour
PCDCLKYCSW	Pearlescent White	White
PCDBSKYCSW	Brushed Steel	White
PCDMGKYCSB	Matt Grey	Black
PCDMBKYCSB	Matt Black	Black
PCDDBKYCSB	Matt Blue	Black
PCDCPKYCSB	Polished Copper	Black
PCDSBKYCSB	Satin Brass	Black
PCDBCKYCSB	Black Chrome	Black

Grid Range Extension

Quick & Easy Installation

A flexible solution of power, data, telephone, television and audio combinations to suit the wide ranging needs of the customer.

• Select the desired combination of front plate and module(s)

• Simple installation, wire the module through the front plate aperture then push the module into place

• Modules of mains and extra low voltage rating must not be fitted to the same front plate aperture Ref. BS 7671:2008

See page 48, 50 & 45
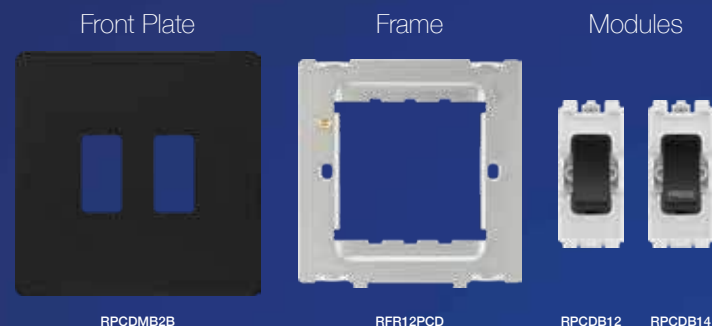
Front Plate   Frame   Modules

PRESS

RPCDMB2B   RFR12PCD   RPCDB12   RPCDB14

Euro Module Range Extension

Quick & Easy Installation

A flexible solution of power, data, telephone, television and audio combinations to suit the wide ranging needs of the customer.

• Select the desired combination of front plate and module(s)

• Simple installation, wire the module through the front plate aperture then push the module into place

• Modules of mains and extra low voltage rating must not be fitted to the same front plate aperture Ref. BS 7671:2008

See page 54, 56 & 57

Front Plate   Modules

SAT1

TV

PCDBCEMR4B   EMTVFMSAT2B   EMNSSATB   EMBTMSB

LUCECO ACADEMY

SYNC energy
EV CHARGING
REGULATION & INSTALLATION
ACCREDITED CPD

SYNC energy
SOLAR POWER
& BATTERY INSTALLATION
ACCREDITED CPD

SYNC energy
ELECTRICAL ENERGY
STORAGE SYSTEMS
ACCREDITED CPD

BG GENERAL
DOMESTIC INSTALLATIONS
FUTURE HOMES NOW
ACCREDITED CPD

Luceco Academy Electrical Training and CPD courses are provided free of charge to everyone involved in the electrical industry.

Whether you are a student apprentice, electrical contractor, specifier, educator, or supplier ... we aim to provide a regular offering of educational content that meets the needs of all those in the industry.

"Great course content, this helped me gain a far better understanding of surge protection requirements, thanks"

W TOMLINSON . ELECTRICIAN

All CPD courses are fully accredited and each provides one credit towards annual CPD requirements.

The topics covered in our training are driven by your feedback and ideas, so please use our feedback form on our website to let us know what training content you would like to see in the future.

CPD Course	Points
EV Charging	2.15
Solar Power	2.00
Electrical Energy	2.00
Domestic Installations	1.00
MCBs 898 947	1.00
AMD2/3	1.15

Accredited by : **cpduk.co.uk**

BRITISH BG GENERAL   **SYNC energy**   **LUCECO LIGHTING**   www.**luceco-academy**.com

BRITISH **BG** GENERAL

www.bgelectrical.uk
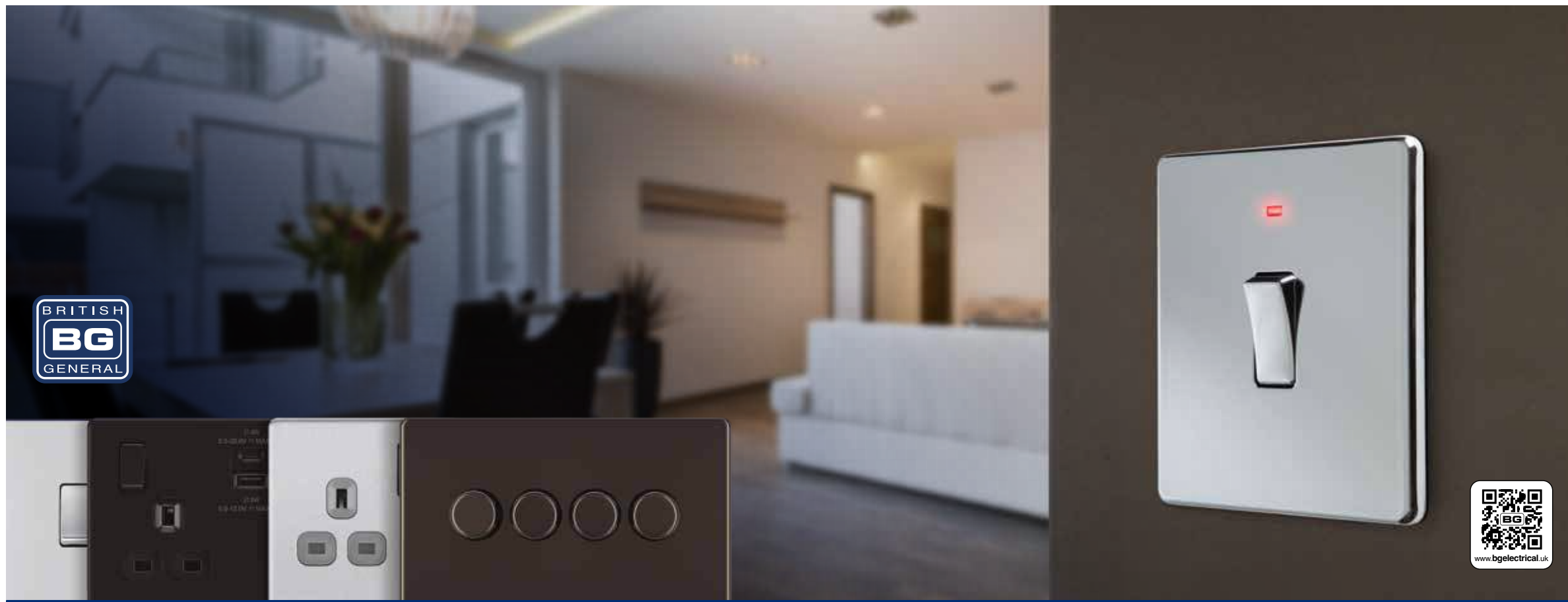
Flatplate Screwless
Wiring Accessories

Our slimline screwless accessories are available in three stocked finishes: brushed steel, polished chrome and black nickel.

For specification projects, any finish can be created to suit the environment, for example matt black, pearl nickel, cream and antique brass. Products within the range include standard switches and sockets, USB sockets, shaver sockets, dimmer switches, double pole switches and telephone and data outlets.

Flatplate is available in four stocked finishes:

Polished Chrome   Brushed Steel   Black Nickel   Matt Black

IN THE RANGE

25 YEARS GUARANTEE

BG Electrical products are guaranteed against faulty materials and workmanship for a period of 25 years from date of delivery.

Features & Benefits

No visible plastic around switches

Integrated plastic gasket protects metal edges from moisture

Angled in-line colour coded captive terminals

Sleek flat profile

Screwless front plate, easy clip on/off

Twin Earth

21 5-20V

21 5-12V

13 Amp Single Switched Socket with Fast Charge USB A+C (18W)

- Ideal for charging smartphones, tablets, power banks and portable gaming devices
- Smart charging with variable voltage - only delivers the power that your device needs, without overcharging
- Supports PD & QC charging protocols for Android and iOS devices (when using a certified cable)
- Simultaneous charging of two devices
- Minimum mounting box depth 35mm
- Terminal Capacity 3 x 2.5mm, 3 x 4.0mm, 2 x 6mm
- Twin Earth fitted as standard - Ref. BS 7671:2008
- Manufactured to BS1363-2
- 10 Year Guarantee

FBS21UAC18G
FFB21UAC18B

A$A
APPROVED

Brushed Steel	Polished Chrome	Black Nickel	Matt Black	Description	Insert Colour	Inner Carton	Outer Carton
FBS21UAC18W	-	-	-	13A Single USB Socket A+C 18W	White	10	100
FBS21UAC18G	FPC21UAC18G	-	-	13A Single USB Socket A+C 18W	Grey	10	100
-	-	FBN21UAC18B	FFB21UAC18B	13A Single USB Socket A+C 18W	Black	10	100

BG
SUPERFAST
USB SOCKETS

45W Perfect for laptops   **22W** Ideal for phones

USB A+C

*For more information on USB Charging Sockets see page **8**.

13 Amp Double Switched Socket with Fast Charge USB A + C (22W)

- Ideal for charging smartphones, tablets, power banks and portable gaming devices
- Simultaneous charging of two devices
- Smart Charging with variable voltage - only delivers the power that your device needs, without overcharging
- Supports PD & QC charging protocols for Android and iOS devices (when using a certified cable)
- Minimum mounting box depth 25mm - ideal for retro-fit
- Terminal Capacity 3 x 2.5mm, 3 x 4.0mm, 2 x 6mm
- Twin Earth fitted as standard - Ref. BS 7671:2008
- Manufactured to BS1363-2
- 10 Year Guarantee

FPC22UAC22G

Brushed Steel	Polished Chrome	Black Nickel	Matt Black	Description	Insert Colour	Inner Carton	Outer Carton
FBS22UAC22W	FPC22UAC22W	-	-	13A Double USB Socket A+C 22W	White	5	50
FBS22UAC22G	FPC22UAC22G	-	-	13A Double USB Socket A+C 22W	Grey	5	50
-	-	FBN22UAC22B	FFB22UAC22B	13A Double USB Socket A+C 22W	Black	5	50

13 Amp Double Switched Socket with Fast Charge USB A + C (45W)

- Ideal for charging laptops, tablets, smartphones, video equipment and IoT devices
- Simultaneous charging of two devices
- Smart Charging with variable voltage - only delivers the power that your device needs, without overcharging
- Supports PD & QC charging protocols for Android and iOS devices (when using a certified cable)
- Minimum mounting box depth 25mm - ideal for retro-fit
- Terminal Capacity 3 x 2.5mm, 3 x 4.0mm, 2 x 6mm
- Twin Earth fitted as standard - Ref. BS 7671:2008
- Manufactured to BS1363-2
- 10 Year Guarantee

FBN22UAC45B

Brushed Steel	Polished Chrome	Black Nickel	Matt Black	Description	Inner Carton	Outer Carton
FBS22UAC45G	FPC22UAC45W	FBN22UAC45B	FFB22UAC45B	13A Double USB Socket A+C 45W	5	50

---

13 Amp Socket Outlets

- Twin earth fitted as standard to allow a double earth facility for installations requiring high integrity protective connection Ref. BS 7671:2008
- Manufactured to BS 1363 Part 2
- Minimum mounting box depth 25mm
- Terminal capacity 3 x 2.5mm², 3 x 4.0mm² & 2 x 6.0mm²

*Insert colours = White (W), Grey (G) and Black (B) at the end of the product code

FPC21W
FBS21G

A$A
APPROVED

Brushed Steel	Polished Chrome	Black Nickel	Matt Black	Description	Inner Carton	Outer Carton
FBS21G	FPC21G	FBN21B	FFB21B	Single switched socket	5	50
-	FPC21W	-	-	Single switched socket	5	50
FBS22G	FPC22G	FBN22B	FFB22B	Double switched socket	5	50
-	FPC22W	-	-	Double switched socket	5	50
FBS23G*	FPC23G*	FBN23G*	FFB23B*	Single unswitched socket	EM	-
-	FPC23W*	-	-	Single unswitched socket	EM	-
FBS24G*	FPC24G*	FBN24G*	FFB24B*	Double unswitched socket	EM	-
-	FPC24W*	-	-	Double unswitched socket	EM	-

---

20 Amp 16AX Switches

- Captive terminal screws
- Terminal capacity 4 x 1.0mm², 4 x 1.5mm², 2 x 2.5mm² & 1 x 4.0mm²
- Plate switches manufactured to BS EN 60669-1, fan isolator to IEC 60669-2-4
- Minimum mounting box depth:
  - Single and double 16mm
  - Triple and quadruple 25mm

**Bell push switch available made to order, contact Customer Services for details*

A$A
APPROVED

FPC15

Brushed Steel	Polished Chrome	Black Nickel	Matt Black	Description	Inner Carton	Outer Carton
FBS12	FPC12	FBN12	FFB12	Single, 2 way	5	50
FBS13	FPC13	FBN13	FFB13	Intermediate	5	50
FBS42	FPC42	FBN42	FFB42	Double, 2 way	5	50
FBS43	FPC43	FBN43	FFB43	Triple, 2 way	5	50
FBS44	FPC44	FBN44	FFB44	Quadruple, 2 way	5	50

FBN43
FFB12

---

10 Amp 3 Pole Fan Isolator

- 10 Amp, triple pole
- Captive terminal screws
- Terminal capacity 4 x 1.0mm², 4 x 1.5mm², 2 x 2.5mm² & 1 x 4.0mm²
- Manufactured to IEC 60669-2-4
- Minimum mounting box depth: 25mm

A$A
APPROVED

FPC15

Brushed Steel	Polished Chrome	Black Nickel	Matt Black	Description	Inner Carton	Outer Carton
FBS15	FPC15	FBN15	FFB15	3 pole fan isolator	5	50
FBS15F	FPC15F	FBN15F	FFB15F	3 pole fused fan isolator	5	50

10AX Toggle Switches

- Single and double
- Available for projects
- Subject to conditions

20 Amp Double Pole Switches

- 20 Amp
- Terminal capacity 3 x 2.5mm² 2 x 4.0mm² 1 x 6.0mm²
- Colour coded terminals with backed out angled screws
- Flush LED power indicator
- Manufactured to BS EN 60669-1
- Minimum mounting box depth 25mm

APPROVED

FBN31   FBS31

Brushed Steel	Polished Chrome	Black Nickel	Matt Black	Description	Inner Carton	Outer Carton
FBS31	FPC31	FBN31	FFB31	20A double pole with power indicator	5	50

Round Pin and Export Socket Outlets

- 2/5/15A Manufactured to BS 546
- Mounting box depth:
  13A and 15A: 35mm, 2A, 5A and 16A: 25mm
- *Insert colours = White (W), Grey (G) and Black (B)
  at the end of the product code
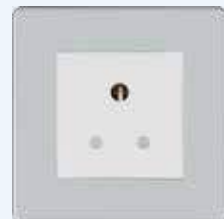
FBS99G   FPC29W

Brushed Steel	Polished Chrome	Black Nickel	Matt Black	Description	Inner Carton
FBS28G	FPC28W	FBN28B	FFB28B*	2 Amp unswitched socket round pin	EM
FBS29G	FPC29G	FBN29B	FFB29B	5 Amp unswitched socket round pin	EM
-	FPC29W	-	-	5 Amp unswitched socket round pin	EM
FBS99G	FPC99G	FBN99B	-	Single, 15 Amp switched socket	EM
FBS98G	-	-	-	Double, 16 Amp unswitched Euro socket	EM

13 Amp Fused Connection Units

- Manufactured to BS 1363 Part 4
- Angled colour coded terminals with captive screws
- Minimum mounting box depth 35mm
- Terminal capacity 3 x 2.5mm², 2 x 4.0mm² & 1 x 6.0mm²
- Supplied with pre-fitted 13 Amp fuse

FPC55

APPROVED

FBN54   FBS53

Brushed Steel	Polished Chrome	Black Nickel	Matt Black	Description	Inner Carton	Outer Carton
FBS50	FPC50	FBN50	FFB50	13 Amp switched	5	50
FBS52	FPC52	FBN52	FFB52	13 Amp switched with power indicator	5	50
FBS53	FPC53	FBN53	FFB53	13 Amp switched with power indicator and cable outlet	5	50
FBS54	FPC54	FBN54	FFB54	13 Amp unswitched	5	50
FBS55	FPC55	FBN55	FFB55	13 Amp unswitched with power indicator and cable outlet	5	50

45 Amp Double Pole Switches

- Cooker Control Units manufactured to BS4177,
  Double Pole Switches to BS EN 60669-1
- L & N terminal capacity 4 x 4.0mm², 3 x 6.0mm² & 1 x 16.0mm²
- Minimum mounting box depth 47mm

*Insert colours = White (W), Grey (G) and Black (B)
at the end of the product code

FBN70B

APPROVED

FPC70G   FBS72

Brushed Steel	Polished Chrome	Black Nickel	Matt Black	Description	Inner Carton	Outer Carton
FBS70G	FPC70G	FBN70B	FFB70B	With 13 Amp socket and power indicator	5	50
-	FPC70W	-	-	With 13 Amp socket and power indicator	5	50
FBS72	FPC72	FBN72	FFB72	Double plate, with power indicator	5	50
FBS74	FPC74	FBN74	FFB74	Single plate, with power indicator	5	50

Fan Controller

- Manufactured to BS EN 60669-2-1
- Minimum mounting box depth 35mm
- 4 speed
- Rotary control

FPC87   FBN87

Brushed Steel	Polished Chrome	Black Nickel	Description	Inner Carton	Outer Carton
FBS87	FPC87	FBN87	Single, 1 rotary, 100W (export only)	5	50

Co-Axial and Satellite Sockets

- EM = Euro Module configuration *Supplied as kit of Euro Module components
- TV/FM mounting box depth 25mm, Triplex 35mm
- Insert colours – Polished Chrome = White, Brushed Steel = Grey

APPROVED

FPC60   FBN67

Brushed Steel	Polished Chrome	Black Nickel	Matt Black	Description	Inner Carton	Outer Carton
FBS60	FPC60	FBN60	FFB60	Co-Axial socket, single	5	50
FBS61*	FPC61*	FBN61*	FFB61*	Co-Axial socket, double	EM	-
FBS62*	FPC62*	FBN62*	FFB62*	Isolated co-axial socket, single	EM	-
FBS63*	FPC63*	FBN63*	FFB63*	Isolated co-axial socket, double	EM	-
FBS64*	FPC64*	FBN64*	FFB64*	Satellite socket, single	EM	-
FBS65*	FPC65*	FBN65*	FFB65*	Isolated co-axial socket, double	EM	-
FBS66*	FPC66*	FBN66*	FFB66*	Diplex TV/FM socket, double	EM	-
FBS67*	FPC67*	FBN67*	FFB67*	Triplex TV/FM/Satellite – screened	EM	-
FBS68*	FPC68*	FBN68*	FFB68*	Triplex TV/FM/Satellite + return and single, Tel – screened	EM	-
FBS69*	FPC69*	FBN69*	FFB69*	Quadplex TV/FM/Satellite (X2) + return and single, Tel – screened	EM	-

- See our Euro Module range for further Telecom, Data and Co-axial options

Telephone and Data Outlet

- Minimum mounting box depth 35mm
- Manufactured to BS 6312 Part 2 where applicable
- Modules available to make up any combination of RJ11, BT and RJ45

*Supplied as kit of Euro Module components

APPROVED

FBSBTM1   FBNRJ451

Brushed Steel	Polished Chrome	Black Nickel	Matt Black	Description	Inner Carton	Outer Carton
FBSBTM1	FPCBTM1	FBNBTM1	FFBBTM1*	Telephone master, single	5	50
FBSBTM2*	FPCBTM2*	FBNBTM2*	FFBBTM2*	Telephone master, double	EM	-
FBSBTS1	FPCBTS1	FBNBTS1	FFBBTS1*	Telephone secondary, single	5	50
FBSBTS2*	FPCBTS2*	FBNBTS2*	FFBBTS2*	Telephone secondary, double	EM	-
FBSRJ111	FPCRJ111	FBNRJ111	FFBRJ111*	RJ11 socket, single	5	50
-	FPCRJ112*	FBNRJ112*	FFBRJ112*	RJ11 socket, single	EM	-
FBSRJ451	FPCRJ451	FBNRJ451	FFBRJ451	RJ45 data socket (IDC), single	5	50
FBSRJ452*	FPCRJ452*	FBNRJ452*	FFBRJ452*	RJ45 data socket (IDC), double	EM	-

- See our Euro Module range for further Telecom, Data and Co-axial options

Intelligent Dimmer Switch, Push Type

- Intelligent dimmer suitable for LED, halogen and incandescent lamps
- Soft start, smooth dimming control and silent operation
- 2 Way push on/off with rotary control
- Overload protection
- Clearly marked terminals with backed out captive screws for easy installation
- Terminal capacity 3 x 1mm², 2 x 1.5mm² & 1 x 2.5mm²
- Manufactured to BS EN 60669-2-1
- Minimum mounting box depth 25mm
- 220-240V AC

APPROVED

FBS81   FBN84   FPC82

Brushed Steel	Polished Chrome	Black Nickel	Matt Black	Description	Inner Carton	Outer Carton
FBS81	FPC81	FBN81	FFB81	Single, 2 way, push on/off	5	50
FBS82	FPC82	FBN82	FFB82	Double, 2 way, push on/off	5	50
FBS83	FPC83	FBN83	FFB83	Triple, 2 way, push on/off	5	50
FBS84	FPC84	FBN84	FFB84	Quadruple, 2 way, push on/off	5	50

Shaver Socket

- Terminal capacity 3 x 2.5mm² & 2 x 4.0mm²
- Minimum mounting box depth 47mm
- Manufactured to BS EN 61558-1 and BS EN 61558-2-5

*Insert colours = White (W), Grey (G) and Black (B) at the end of the product code

APPROVED
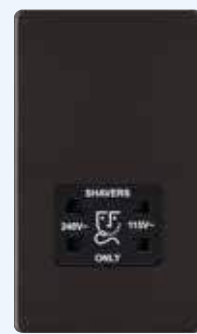
FPC20W   FBN20B

Brushed Steel	Polished Chrome	Black Nickel	Matt Black	Description	Inner Carton	Outer Carton
FBS20G	FPC20W	FBN20B	FFB20	115/240V dual voltage	5	30
-	FPC20G	-	-	115/240V dual voltage	5	30

Blank Plates

- Manufactured to BS 5733
- Fitted with Earth terminal
- Ideal for safely covering unused electrical connections

APPROVED
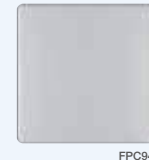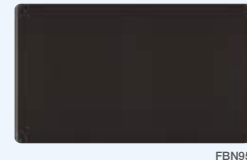
FBS94   FPC94   FBN95

Brushed Steel	Polished Chrome	Black Nickel	Matt Black	Description	Inner Carton	Outer Carton
FBS94	FPC94	FBN94	FFB94	Single	5	50
FBS95	FPC95	FBN95	FFB95	Double	5	50

Euro Module Front Plates

- Fitted with Earth terminal

APPROVED

FBSEMS1   FPCEMS2   FBNEMR4

Brushed Steel	Polished Chrome	Black Nickel	Matt Black	Description	Inner Carton	Outer Carton
FBSEMS1	FPCEMS1	FBNEMS1	FFBEMS1	Single Euro module, single plate	10	100
FBSEMS2	FPCEMS2	FBNEMS2	FFBEMS2	Twin Euro module, single plate	10	100
FBSEMR4	FPCEMR4	FBNEMR4	FFBEMR4	Quad Euro module, double plate	5	50

16 Amp Hotel Key Card Switch

- 50 x 50mm Euro module
- Load rating – 1800W for incandescent, 800W for fluorescent
- 30 second power-off delay
- Mounting box depth 47mm
- Colour coded terminals with backed-out captive screws
- Designed and manufactured to BS EN60669-4
- Saves energy and improves safety
- Power to the room will active when a key card inserted
- Locator LED ideal for night operation

*Supplied as kit of Euro Module components
*Insert colours = White (W), Grey (G) and Black (B) at the end of the product code

APPROVED

FPCKYCSW*   FBNKYCSB*

Brushed Steel	Polished Chrome	Black Nickel	Matt Black	Description	Inner Carton
FBSKYCSG*	FPCKYCSW*	FBNKYCSB*	FFBKYCSB*	16 Amp Hotel Key Card switch	EM

Spare Accessories

Product Code	Description	Inner Carton	Outer Carton
FPFS17/10	M3.5 x 17mm screws, pack of 10	100pks	1000
FPFS26/10	M3.5 x 26mm screws, pack of 10	100pks	1000
FPFS36/10	M3.5 x 17mm screws, pack of 10	100pks	1000

FPFS17/10   FPFS26/10   FPFS36/10

13 Amp Floor Socket Outlets

• With spring hinged cover
• Manufactured to BS 1363 part 2
• Twin earth fitted as standard to allow a double earth facility for installations requiring high integrity protective connection Ref. BS 7671:2008
• Minimum mounting box depth 25mm
• Terminal capacity 3 x 2.5mm² , 3 x 4.0mm² & 2 x 6.0mm²

SBS23G/FR   SBS24G/FR

Product Code	Description	Inner Carton	Outer Carton
SBS23G/FR	Single	10	100
SBS24G/FR	Double	5	50

Euro Module Range Extension

Quick & Easy Installation

A flexible solution of power, data, telephone, television and audio combinations to suit the wide ranging needs of the customer.

• Select the desired combination of front plate and module(s)
• Simple installation, wire the module through the front plate aperture then push the module into place
• Modules of mains and extra low voltage rating must not be fitted to the same front plate aperture Ref. BS 7671:2008

See page 55 & 57

Front Plate   Module

SBSEMS2   EMTVFMSATB

Grid Range Extension

Quick & Easy Installation

A customisable selection of power grid modules that provide a seamless appearance with the associated wiring accessories

• Firstly, screw the grid frame to the mounting box and wire the modules
• Then slot the module on to the frame and click into place
• Finally, fit the finished plate

See page 49, 50, 45 & 47

Front Plate   Frame   Modules

RFPC2   RFR12FP   R12   RFUSE

Nexus Metal
Wiring Accessories

Nexus Metal accessories have a sleek and slim design with softly rounded corners to compliment any interior decor, and incorporate an integrated gasket to protect metal edges from moisture.

Available in five stocked finishes of brushed steel, polished chrome and black nickel.

For specification projects, BG can offer a wider selection of finishes, or if the project demands, any finish can be created to suit the requirement.

Nexus Metal is available in five stocked finishes:

| Brushed Steel | Polished Chrome | Black Nickel | Matt Black | Antique Brass |

IN THE RANGE

25 YEARS GUARANTEE

BG Electrical products are guaranteed against faulty materials and workmanship for a period of 25 years from date of delivery.

Features & Finishes

Angled in-line colour coded captive terminals

No visible plastic around switches

Lightly lacquered surface to reduce fingerprint marks

Modern slim profile

Integrated gasket protects metal edges from moisture

Twin Earth

13 Amp Single Switched Socket with Fast Charge USB A + C (18W)

- Ideal for charging smartphones, tablets, power banks and portable gaming devices
- Smart charging with variable voltage - only delivers the power that your device needs, without overcharging
- Supports PD & QC charging protocols for Android and iOS devices (when using a certified cable)
- Simultaneous charging of two devices
- Minimum mounting box depth 25mm - ideal for retro-fit
- Terminal Capacity 3 x 2.5mm, 3 x 4.0mm, 2 x 6mm
- Twin Earth fitted as standard - Ref. BS 7671:2008
- Manufactured to BS1363-2
- 10 Year Guarantee

NBS21UAC18G   NBN21UAC18B

APPROVED

Brushed Steel	Polished Chrome	Black Nickel	Antique Brass	Matt Black	Description	Insert Colour	Inner Carton	Outer Carton
NBS21UAC18W	NPC21UAC18W	-	-	-	13A Single USB Socket A+C 18W	White	10	100
NBS21UAC18G	-	-	-	-	13A Single USB Socket A+C 18W	Grey	10	100
NBS21UAC18B	-	NBN21UAC18B	NAB21UAC18B	NFB21UAC18B	13A Single USB Socket A+C 18W	Black	10	100

13 Amp Double Switched Socket with 2 x USB (12W)

- Ideal for charging phones, smart watches, headphones and e-readers
- Simultaneous charging of two devices
- Minimum mounting box depth 25mm - ideal for retro-fit
- Terminal Capacity 3 x 2.5mm, 3 x 4.0mm, 2 x 6mm
- Twin Earth fitted as standard - Ref. BS 7671:2008
- Manufactured to BS1363-2
- 10 Year Guarantee

NPC22UAC12W   NBS22UAC12G

APPROVED

Brushed Steel	Polished Chrome	Black Nickel	Antique Brass	Matt Black	Description	Insert Colour	Inner Carton	Outer Carton
NBS22UAC12W	NPC22UAC12W	-	-	-	13A Single USB Socket 2xA 10.5W	White	5	50
NBS22UAC12G	-	-	-	-	13A Single USB Socket 2xA 10.5W	Grey	5	50
NBS22UAC12B	-	NBN22UAC12B	NAB22UAC12B	NFB22UAC12B	13A Single USB Socket 2xA 10.5W	Black	5	50

BG SUPERFAST USB SOCKETS

45W Perfect for laptops   **22W** Ideal for phones

USB A+C

Faster, Smarter USB charging.

With USB Type-C & USB Type-A ports, utilising variable fast charging technology to protect and prolong battery life by only delivering the power a device needs.

*For more information on USB Charging Sockets see page 8.

13 Amp Double Switched Socket with Fast Charge USB A + C (22W)

- Ideal for charging smartphones, tablets, power banks and portable gaming devices
- Simultaneous charging of two devices
- Smart Charging with variable voltage - only delivers the power that your device needs, without overcharging.
- Supports PD & QC charging protocols for Android and iOS devices (when using a certified cable)
- Minimum mounting box depth 25mm - ideal for retro-fit
- Terminal Capacity 3 x 2.5mm, 3 x 4.0mm, 2 x 6mm
- Twin Earth fitted as standard - Ref. BS 7671:2008
- Manufactured to BS1363-2
- 10 Year Guarantee

APPROVED   NAB22UAC22B

Brushed Steel	Polished Chrome	Black Nickel	Antique Brass	Matt Black	Description	Insert Colour	Inner Carton	Outer Carton
NBS22UAC22W	NPC22UAC22W	-	-	-	13A Double USB Socket A+C 22W	White	5	50
NBS22UAC22G	-	-	-	-	13A Double USB Socket A+C 22W	Grey	5	50
NBS22UAC22B	-	NBN22UAC22B	NAB22UAC22B	NFB22UAC22B	13A Double USB Socket A+C 22W	Black	5	50

13 Amp Double Switched Socket with Fast Charge USB A + C (45W)

- Ideal for charging laptops, tablets, smartphones, video equipment and IoT devices
- Simultaneous charging of two devices
- Smart Charging with variable voltage - only delivers the power that your device needs, without overcharging.
- Supports PD & QC charging protocols for Android and iOS devices (when using a certified cable)
- Minimum mounting box depth 25mm - ideal for retro-fit
- Terminal Capacity 3 x 2.5mm, 3 x 4.0mm, 2 x 6mm
- Twin Earth fitted as standard - Ref. BS 7671:2008
- Manufactured to BS1363-2
- 10 Year Guarantee

NPC22UAC45W

Brushed Steel	Polished Chrome	Black Nickel	Antique Brass	Matt Black	Description	Inner Carton	Outer Carton
NBS22UAC45G	NPC22UAC45W	NBN22UAC45B	NAB22UAC45B	NFB22UAC45B	13A Double USB Socket A+C 45W	5	50

13 Amp Switched Socket Outlets

- Manufactured to BS 1363 part 2
- Terminal capacity 3 x 2.5mm², 3 x 4.0mm² & 2 x 6.0mm²
- Minimum mounting box depth 25mm
- Twin earth fitted as standard to allow a double earth facility for installations requiring high integrity protective connection Ref. BS 7671:2008

*Brushed Steel insert colours = white (W), grey (G) and black (B) at the end of the product code

A$A APPROVED

NFB22B

Brushed Steel	Polished Chrome	Black Nickel	Antique Brass	Matt Black	Description	Inner Carton	Outer Carton
NBS21W	NPC21W	-	-	-	Single, 13 Amp switched socket	5	50
NBS21B	-	NBN21B	NAB21B	NFB21B	Single, 13 Amp switched socket	5	50
NBS21G	-	-	-	-	Single, 13 Amp switched socket	5	50
NBS22W	NPC22W	-	-	-	Double, 13 Amp switched socket	5	50
NBS22B	-	NBN22B	NAB22B	NFB22B	Double, 13 Amp switched socket	5	50
NBS22G	-	-	-	-	Double, 13 Amp switched socket	5	50
NBS22DPOBB	-	-	-	-	Double, 13 Amp switched socket	5	50
NBS23G	-	NBN23B	-	NFB23B	Single, 13 Amp unswitched socket	5	50
NBS23W	NPC23W	-	-	-	Single, 13 Amp unswitched socket	5	50
NBS24G	-	NBN24B	-	NFB24B	Double, 13 Amp unswitched socket	5	50
NBS24W	NPC24W	-	-	-	Double, 13 Amp unswitched socket	5	50

Combination Plate

- Twin earth fitted as standard
- Manufactured to BS 1363 part 2
- Terminal capacity 3 x 2.5mm², 3 x 4.0mm² & 2 x 6.0mm²
- Mounting box depth 47mm (HGS07/C4)
- Modules of mains and extra low voltage rating must not be fitted to the same front plate aperture Ref. BS 7671:2008

NBS222EM8G

Brushed Steel	Polished Chrome	Black Nickel	Antique Brass	Matt Black	Description	Outer Carton
NBS222EM8G	NPC222EM8W	NBN222EM8B	NAB222EM8B	NFB222EM8B	2 x Double socket + 2 x 4 Module aperture	5

- See our Euro Module range for further Telecom, Data and Co-axial Options

20 Amp 16AX Plate Switches

- Plate switches manufactured to BS EN 60669-1
- Terminal capacity 4 x 1.0mm², 4 x 1.5mm², 2 x 2.5mm² & 1 x 4.0mm²
- Captive terminal screws
- Minimum mounting box depth:
  Single and Double – 16mm, Triple and Quadruple – 25mm

*Bell push switch made to order, contact Customer Services for more details

NBS12

A$A APPROVED

NAB43　　NFB42

Brushed Steel	Polished Chrome	Black Nickel	Antique Brass	Matt Black	Description	Inner Carton	Outer Carton
NBS12	NPC12	NBN12	NAB12	NFB12	Single, 2 way	5	50
NBS13	NPC13	NBN13	NAB13	NFB13	Intermediate	5	50
NBS14	-	-	-	-	Bell push **	5	50
NBS42	NPC42	NBN42	NAB42	NFB42	Double, 2 way	5	50
NBS43	NPC43	NBN43	NAB43	NFB43	Triple, 2 way	5	50
NBS44	NPC44	NBN44	NAB44	NFB44	Quadruple, 2 way	5	50
NBS46	-	-	-	-	Sextuple, 2 Way	5	50

10 Amp 3 Pole Fan Isolator

- 10 Amp, triple pole
- Manufactured to IEC 60669-2-4
- Terminal capacity 4 x 1.0mm², 4 x 1.5mm², 2 x 2.5mm² & 1 x 4.0mm²
- Captive terminal screws
- Minimum mounting box depth: 16mm

NBS15　　NBN15F

A$A APPROVED

Brushed Steel	Polished Chrome	Black Nickel	Antique Brass	Matt Black	Description	Inner Carton	Outer Carton
NBS15	NPC15	NBN15	NAB15	NFB15	3 pole fan isolator	5	50
NBS15F	NPC15F	NBN15F	-	NFB15F	10 Amp 3 pole fused fan isolator	5	50

Round Pin and Export Socket Outlets

- 2/515A Manufactured to BS 546
- Minimum mounting box depth 25mm

*Brushed Steel insert colours = white (W), grey (G) and black (B) at the end of the product code

A$A APPROVED

NBS99W

NBS29G　　NBN28B

Brushed Steel	Polished Chrome	Black Nickel	Antique Brass	Matt Black	Description	Inner Carton	Outer Carton
NBS28G	NPC28W	NBN28B	NAB28B	NFB28B*	2A unswitched socket round pin	5	50
NBS29G	NPC29W	NBN29B	NAB29B	NFB29B	5A unswitched socket round pin	5	50
NBS99W	NPC99W	-	-	-	15A single switched socket	5	50
NBS99G	-	-	-	-	15A single switched socket	5	50

13 Amp Fused Connection Units

- Manufactured to BS 1363 part 2
- Terminal capacity 3 x 2.5mm², 3 x 4.0mm² & 2 x 6.0mm²
- Minimum mounting box depth 25mm
- Angled colour coded terminals with captive screws

NBN50

A$A APPROVED
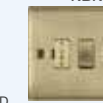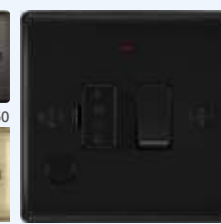
NAB50　　NFB53

Brushed Steel	Polished Chrome	Black Nickel	Antique Brass	Matt Black	Description	Inner Carton	Outer Carton
NBS50	NPC50	NBN50	NAB50	NFB50	Switched	5	50
NBS52	NPC52	NBN52	NAB52	NFB52	Switched with power indicator	5	50
NBS53	NPC53	NBN53	-	NFB53	Switched with power indicator & cable outlet	5	50
NBS54	NPC54	NBN54	NAB54	NFB54	Unswitched	5	50
NBS55	NPC55	NBN55	-	NFB55	Unswitched with cable outlet	5	50

20 Amp Double Pole Switches

- Manufactured to BS EN 60669-1
- Colour coded terminals with captive angled screws
- Terminal capacity 3 x 2.5mm², 2 x 4.0mm² & 1 x 6.0mm²
- Minimum mounting box depth 25mm

APPROVED

NPC31　　NFB31

Brushed Steel	Polished Chrome	Black Nickel	Antique Brass	Matt Black	Description	Inner Carton	Outer Carton
NBS31	NPC31	NBN31	NAB31	NFB31	20A DP switch with power indicator	5	50

45 Amp Double Pole Switches

- Cooker Control Units manufactured to BS4177, Double Pole Switches to BS EN 60669-1
- Brushed Steel insert colours = white (W), grey (G) & black (B)
- L & N terminal capacity 4 x 4.0mm², 3 x 6.0mm² & 1 x 16.0mm²
- E terminal capacity 3 x 4.0mm², 2 x 6.0mm² & 1 x 16.0mm²
- Minimum mounting box depth 47mm

APPROVED

NBN74　　NBS70G

Brushed Steel	Polished Chrome	Black Nickel	Antique Brass	Matt Black	Description	Inner Carton	Outer Carton
NBS70W	NPC70W	-	-	-	With 13A socket & power indicators, white insert	5	50
NBS70B	-	NBN70B	NAB70B	NFB70B	With 13A socket & power indicators, black insert	5	50
NBS70G	-	-	-	-	With 13A socket & power indicators, grey insert	5	50
NBS72	NPC72	NBN72	NAB72	NFB72	With power indicator, double plate	5	50
NBS74	NPC74	NBN74	NAB74	NFB74	With power indicator, single plate	5	50

Co-Axial and Satellite Sockets

- Manufactured to BS 5733
- EM = Euro Module configuration
- Co-axial and satellite minimum mounting box depth 25mm
- Triplex minimum mounting box depth 35mm
- Insert colours – Polished Chrome = white, Brushed Steel = grey

*Supplied as kit of Euro Module components

NBS64

APPROVED

NPC60　　NBN67

Brushed Steel	Polished Chrome	Black Nickel	Antique Brass	Matt Black	Description	Inner Carton	Outer Carton
NBS60	NPC60	NBN60	NAB60	NFB60	Co-axial, single	5	50
NBS61*	NPC61*	NBN61*	NAB61*	NFB61*	Co-axial, double	EM	-
NBS62*	NPC62*	NBN62*	NAB62*	NFB62*	Isolated co-axial, single	EM	-
NBS63*	NPC63*	NBN63*	NAB63*	NFB63*	Isolated co-axial, double	EM	-
NBS64*	NPC64*	NBN64*	NAB64*	NFB64*	Satellite, single	EM	-
NBS65*	NPC65*	NBN65*	NAB65*	NFB65*	Satellite & co-axial, double	EM	-
NBS66*	NPC66*	NBN66*	NAB66*	NFB66*	Diplex TV/FM, double	EM	-
NBS67*	NPC67*	NBN67*	NAB67*	NFB67*	Triplex TV/FM/Sat – screened	EM	-
NBS68*	NPC68*	NBN68*	NAB68*	NFB68*	Triplex TV/FM/Sat + Return & single Tel – screened	EM	-
NBS69*	NPC69*	NBN69*	NAB69*	NFB69*	Quadplex TV/FM/Sat (x2) + Return & single Tel – screened	EM	-

- See our Euro Module range for further Telecom, Data and Co-axial Options

Telephone and Data Outlets

- Manufactured to BS 6312-2 where applicable
- EM = Euro Module configuration
- Minimum mounting box depth 35mm

*Supplied as kit of Euro Module components

APPROVED
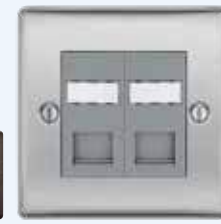
NBNRJ111　　NBSRJ452

Brushed Steel	Polished Chrome	Black Nickel	Antique Brass	Matt Black	Description	Inner Carton	Outer Carton
NBSBTM1	NPCBTM1	NBNBTM1	NABBTM1	NFBBTM1*	Tel. Master, single	5	50
NBSBTM2*	NPCBTM2*	-	-	NFBBTM2*	Tel. Master, double	EM	-
NBSBTS1	NPCBTS1	NBNBTS1	NABBTS1	NFBBTS1*	Tel. Secondary, single	5	50
NBSBTS2*	NPCBTS2*	NBNBTS2*	-	NFBBTS2*	Tel. Secondary, double	EM	-
NBSRJ111	NPCRJ111	NBNRJ111	-	NFBRJ111*	RJ11, single	5	50
NBSRJ112*	NPCRJ112*	NBNRJ112*	-	NFBRJ112*	RJ11, double	EM	-
NBSRJ451	NPCRJ451	NBNRJ451	-	NFBRJ451*	RJ45 data socket (IDC), single	5	50
NBSRJ452*	NPCRJ452*	NBNRJ452*	-	NFBRJ452*	RJ45 data socket (IDC), double	EM	-

Intelligent Dimmer Switch Push Type

- Intelligent dimmer suitable for LED, halogen and incandescent lamps
- Soft start, smooth dimming control and silent operation
- 2 Way push on/off with rotary control
- Overload protection
- Clearly marked terminals with backed out captive screws for easy installation
- Terminal capacity 3 x 1mm², 2 x 1.5mm² & 1 x 2.5mm²
- Manufactured to BS EN 60669-2-1
- Minimum mounting box depth 25mm
- 220-240V AC

NAB81

APPROVED
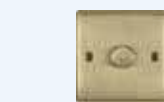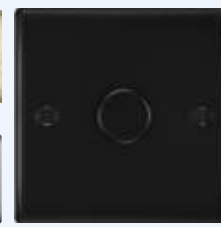
NBS83　　NFB81

Brushed Steel	Polished Chrome	Black Nickel	Antique Brass	Matt Black	Description	Inner Carton	Outer Carton
NBS81	NPC81	NBN81	NAB81	NFB81	Single, 2 way, push on/off	5	50
NBS82	NPC82	NBN82	NAB82	NFB82	Double, 2 way, push on/off	5	50
NBS83	NPC83	NBN83	-	NFB83	Triple, 2 way, push on/off	5	50
NBS84	NPC84	NBN84	-	NFB84	Quadruple, 2 way, push on/off	5	50

Shaver Socket

- Manufactured to BS EN 61558-1 and BS EN 61558-2-5
- Mounting box depth 47mm
- Terminal capacity 3 x 2.5mm² & 2 x 4.0mm²
- Insert colours: Polished Chrome = white (W), Brushed Steel = grey (G), Black Nickel = black (B), e.g. NAB20B

APPROVED

NPC20W　　NBN20B

Brushed Steel	Polished Chrome	Black Nickel	Antique Brass	Matt Black	Description	Inner Carton	Outer Carton
NBS20W	NPC20W	-	-	-	115/240V dual voltage, white insert	5	50
NBS20G	-	-	-	-	115/240V dual voltage, grey insert	5	50
NBS20B	-	NBN20B	NAB20B	NFB20B	115/240V dual voltage, black insert	5	50

Blank Plates

- Ideal for safely covering unused electrical connections
- Manufactured to BS 5733
- Fitted with earth terminal

NBS94   NPC94

NBN95

A$A APPROVED

Brushed Steel	Polished Chrome	Black Nickel	Antique Brass	Matt Black	Description	Inner Carton	Outer Carton
NBS94	NPC94	NBN94	NAB94	NFB94	Single	5	50
NBS95	NPC95	NBN95	NAB95	NFB95	Double	5	50

SHAVERS
115V~
ONLY

Euro Module Front Plate

- Fitted with earth terminal
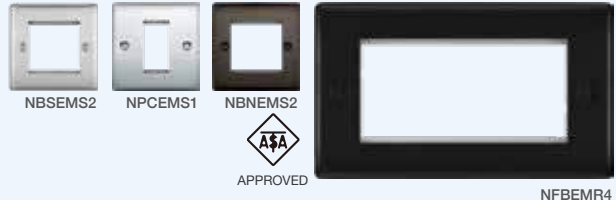
NBSEMS2   NPCEMS1   NBNEMS2

A$A APPROVED

NFBEMR4

Brushed Steel	Polished Chrome	Black Nickel	Antique Brass	Matt Black	Description	Inner Carton	Outer Carton
NBSEMS1	NPCEMS1	NBNEMS1	NABEMS1	NFBEMS1	Single Euro module, single plate	10	100
NBSEMS2	NPCEMS2	NBNEMS2	NABEMS2	NFBEMS2	Twin Euro module, single plate	10	100
NBSEMR4	NPCEMR4	NBNEMR4	NABEMR4	NFBEMR4	Quad Euro module, double plate	5	50

16 Amp Hotel Key Card Switch

- 50 x 50mm Euro module
- Load rating – 1800W for incandescent, 800W for fluorescent
- 30 second power-off delay
- Mounting box depth 47mm
- Colour coded terminals with backed-out captive screws
- Designed and manufactured to BS EN 60669-2-1
- Saves energy and improves safety
- Power to the room will active when a key card inserted
- Locator LED ideal for night operation

*Supplied as kit of Euro Module components

NPCKYCSW   NBNKYCSB

Brushed Steel	Polished Chrome	Black Nickel	Antique Brass	Matt Black	Description	Inner Carton	Outer Carton
NBSKYCSG*	NPCKYCSW*	NBNKYCSB*	NABKYCSB*	NFBKYCSB*	16 Amp hotel key card switch	EM	-

13 Amp Double Pole Key Controlled Socket Outlet

- Manufactured to BS 1363-2, BS EN 60669-1
- Mounting box depth 47mm
- Terminal capacity 3 x 2.5mm², 2 x 4.0mm², 1 x 6.0mm²
- Lockable socket, supplied with two keys
- Double pole switch

*Supplied as kit of Euro Module components

NBSKYSWSG

Brushed Steel	Description	Inner Carton	Outer Carton
NBSKYSWSG*	13 Amp, double pole key controlled socket outlet	EM	-

Spare Accessories

Product Code	Description	Inner Carton	Outer Carton
NFS19/10	M3.5 x 19mm screws, pack of 10 (for chrome + steel)	100	1000
NFS28/10	M3.5 x 28mm screws, pack of 10 (for chrome + steel)	50	500
NFS38/10	M3.5 x 38mm screws, pack of 10 (for chrome + steel)	50	500
NFS19/10BN	M3.5 x 19mm screws, pack of 10 (for black nickel)	100	1000
NFS28/10BN	M3.5 x 28mm screws, pack of 10 (for black nickel)	50	500
NFS38/10BN	M3.5 x 38mm screws, pack of 10 (for black nickel)	20	200
NFS28/10BR	M3.5 x 28mm screws, pack of 10 (for brass)	100	1000
NFS38/10BR	M3.5 x 38mm screws, pack of 10 (for brass)	20	200
NFS50/10	M3.5 x 50mm screws, pack of 10 (for chrome + steel)	20	200
NFS75/10	M3.5 x 75mm screws, pack of 10 (for chrome + steel)	20	200

NFS19/10BN   NFS28/10   NFS38/10BR

Euro Module Range Extension

Quick & Easy Installation

A flexible solution of power, data, television and audio combinations to suit the wide ranging needs of the customer.

See page 55 & 56

Front Plate   Modules

NBNEMS2   EMTVFMSAT2B

Nexus Grid Range Extension

Quick & Easy Installation

A customisable selection of power Grid modules that provide a seamless appearance with the associated wiring accessories.

• Firstly, screw the Grid frame to the mounting box and wire the modules

• Then slot the module on to the frame and click into place

• Finally, fit the finished plate

See page 48, 50 & 46

Front Plate   Frame   Modules

RNPC1   RFR12   RPCDTR
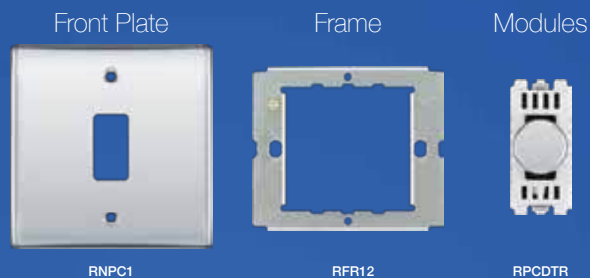
FLATPLATE | EVOLVE | NEXUS METAL

WIRING ACCESSORIES

The Allure of **Matt Black**

Matt Black finish across all of our Decorative Wiring Accessory ranges

For more information, ask at your nearest wholesaler

www.**bgelectrical**.uk

Storm Weatherproof
Wiring Accessories

BRITISH BG GENERAL

www.bgelectrical.uk

Designed to give
ULTIMATE PROTECTION
... whatever the weather!

The preferred choice of the nation's contractors for over 10 years

BG Storm Weatherproof wiring accessories are the ideal solution for managing all outdoor appliances. Storm provides full IP66 weather and impact protection; keeping you, your family, and your appliances safe!

BG offer a comprehensive range of weatherproof sockets and outlets including 13A sockets, 20A switches, RCD protected devices, timer sockets, Wi-Fi range extenders, and home automation devices such as our best-selling BG Smart! socket.

Our Weatherproof range is available in three stocked sub-ranges:

Storm   Decorative   IP55

25 YEARS GUARANTEE

BG Electrical products are guaranteed against faulty materials and workmanship for a period of 25 years from date of delivery. *Guarantee applies to internal mechanism, not external enclosure or seals.

Features & Benefits

Large open/close paddles for easier operation, flush fit to prevent accidental damage

IP66 rated

Lockable cover

UV stable – will not crack or fade

Fast fix – no separate screws, no screw covers, 150° rotation

Patented cable entry prevents accidental opening of cover by pulling connected cables

BRITISH BG GENERAL
Decorative
Weatherproof Range

IP66

BRITISH BG GENERAL
Storm
— WEATHERPROOF WIRING ACCESSORIES —

Now even easier to install and operate:

- Fast-fix – no separate screws, no screw covers, 150º rotation
- Quick release front plate with ¼ turn fixing for easier installation
- Patented cable entry prevents accidental opening of the cover
- Redesigned paddles with smoother operation, for easier use
- Wi-Fi extender and Smart versions also available

www.bgelectrical.uk

20 Amp 20AX Switches

- IP66 rated
- Stylish stainless steel face plate on a polycarbonate housing and black mounting box
- Hex style cover fixing screws – key supplied
- Switches manufactured to BS EN 60669-1
- Terminal capacity 4x 1.0mm², 4x 1.5mm², 2x 2.5mm² & 1x 4.0mm²
- Captive terminal screws
- Blue LED indicator that can be wired to illuminate when off or on

WPL42   WPL12

Product Code	Description	Inner Carton	Outer Carton
WPL12	Single, 2 way	-	24
WPL42	Double, 2 way	-	24

20 Amp 20AX Switches – Slim

- IP66 rated
- Narrow weatherproof switches
- Customer configurable – switch modules can be interchanged with others from the Grid range
- Captive terminal screws
- Switches manufactured to BS EN 60669-1
- Terminal capacity 4x 1.0mm², 4x 1.5mm², 2x 2.5mm² & 1x 4.0mm²

WP12S   WP14S

Product Code	Description	Inner Carton	Outer Carton
WP12S	Single, 2 way	10	100
WP14S	Single, 1 way retractive, printed "PRESS"	10	100

13 Amp Socket Outlet

- IP66 rated with plug in use, cover sealed
- Stylish stainless steel face plate on a polycarbonate housing and black mounting box
- 13A sockets manufactured to BS 1363-2:2016+A1:2018
- Switched sockets with blue LED power indicator
- Socket terminal capacity 3x 2.5mm², 3x 4.0mm² & 2x 6.0mm²

WPL21   WPL22

Product Code	Description	Inner Carton	Outer Carton
WPL21	Single, 13 Amp, double pole switched	-	18
WPL22	Double, 13 Amp, double pole switched	-	12

20 Amp 20AX Switches

- IP66 rated
- Captive terminal screws
- Switches manufactured to BS EN 60669-1
- Terminal capacity 4x 1.0mm², 4x 1.5mm², 2x 2.5mm² & 1x 4.0mm²
- Supplied with multiple knock-out mounting box
- Indicator that can be wired to illuminate when off or on

WP12   WP42

Product Code	Description	Inner Carton	Outer Carton
WP12	Single, 2 way	-	10
WP42	Double, 2 way	-	10
WP14	Single, 2 way retractive, printed "PRESS"	-	10
WP30	Single, double pole	-	10

13 Amp RCD Protected Socket Outlet

- IP66 rated with plug in use, cover sealed
- Cuts off power safely and prevent electrocution in event of a fault
- Latching operation, socket returns to original state when power resumes
- 8 versatile entry options with M25 capability and easy push out blank plug design
- Stylish stainless steel face plate on a polycarbonate housing and black mounting box
- Switched sockets with blue LED power indicator
- Manufactured to BS 1363-2:2016+A1:2018 & BS 7288
- RCD 30mA trip current, 40ms speed
- Socket terminal capacity 3 x 2.5mm², 3 x 4.0mm² & 2 x 6.0mm²

WPL22RCD closed lid

WPL22RCD

Product Code	Description	Inner Carton	Outer Carton
WPL22RCD	Double, 13 Amp, RCD switched (latching)	-	12

13 Amp Switched Socket Outlets

- IP66 rated with plug in use, cover sealed
- 13A sockets manufactured to BS 1363-2:2016+A1:2018
- Switched sockets with power indicator
- Terminal capacity 3x 2.5mm², 3x 4.0mm² & 2x 6.0mm²
- Supplied with multiple knock-out mounting box
- WP21 complies with BS1363/EV, suitable for use with EV chargers

WP21

WP22

Product Code	Description	Inner Carton	Outer Carton
WP21	Single, 13 Amp, switched	-	10
WP21ES	Single, 13 Amp, with external switch	-	10
WP22	Double, 13 Amp, switched	-	10

13A Wi-Fi Extender Switched Socket Outlet

- Extend your Wi-Fi coverage to your outdoor living space
- Works with all wireless broadband routers
- Easy to install and setup with one touch WPS
- N300 Wi-Fi Technology – Up to 300Mbps data transfer speed. Single band (2.4GHz)
- Perfect for streaming music and videos or playing online games
- IP66 rated with plug in use, cover sealed
- 13A socket manufactured to BS 1363-2:2016+A1:2018
- Terminal capacity 3 x 2.5mm², 3 x 4.0mm² & 2 x 6.0mm²

Wi-Fi
Socket

WP22WR

Product Code	Description	Inner Carton	Outer Carton
WP22WR	Double, 13A, switched with Wi-Fi Extender	-	10

13 Amp Unswitched Socket Outlets

- IP66 rated with plug in use, cover sealed
- Terminal capacity 3 x 2.5mm², 3 x 4.0mm² & 2 x 6.0mm²
- Supplied with multiple knock-out mounting box
- 13A sockets manufactured to BS 1363-2:2016+A1:2018

WP23

WP24

Product Code	Description	Inner Carton	Outer Carton
WP23	Single, 13 Amp, unswitched	-	10
WP23L	Large housing, single, 13 Amp	-	10
WP24	Double, 13 Amp, unswitched	-	10

Smart 13A Switched Outdoor Socket

- Control and schedule power outdoors via touch,voice commands or App
- Operates using your home Wi-Fi network on 2.4GHz
- Set timer schedules, countdown function or random security options
- Compatible with Google Home, Amazon Alexa, Siri Shortcuts and IFTTT
- Ideal for operating outdoor lights and water features
- Individual socket control
- IP66 rated, seals plugs in use
- Terminal capacity 3 x 2.5mm², 3 x 4.0mm² & 2 x 6.0mm²
- Manufactured to BS1363-2

WP22/HC

Product Code	Description		Inner Carton	Outer Carton
WP22/HC	Double, 13 Amp, SP, switched		-	10

13 Amp Type A RCD Protected Socket Outlet

- IP66 rated with plug in use, cover sealed
- Cuts off power safely and prevent electrocution in event of a fault
- Latching operation, socket returns to original state when power resumes
- Supplied with multiple knock-out mounting box
- Manufactured to BS 1363-2:2016+A1:2018 & BS 7288
- Type A RCD 30mA trip current, 40ms trip speed
- Socket terminal capacity 3 x 2.5mm², 3 x 4.0mm² & 2 x 6.0mm²

WP22ARCD closed lid

WP22ARCD

Product Code	Description		Inner Carton	Outer Carton
WP22ARCD	Double, 13 Amp, RCD switched (latching)		-	10

TYPE A
RCD

WP23L Explained
Designed to adapt

- Designed to fit large plug types, transformers, adaptors
- Adjustable socket position – top, middle, bottom (RCD not supplied)

13 Amp Time Controlled Socket

• IP66 rated with plug in use, cover sealed
• Socket manufactured to BS 1363-2
• 24 hour mechanical timer, 1 segment = 15 minutes.
• Override switch and LED power indicator
• Terminal capacity 3 x 2.5mm², 3 x 4.0mm² & 2 x 6.0mm²
• Supplied with multiple knock-out mounting box

WP23TM24
closed lid

WP23TM24

Product Code	Description	Inner Carton	Outer Carton
WP23TM24	Time controlled, Single, 13 Amp	-	10

Outdoor Power Kit

• IP66 rated with plug in use
• Easy to install outdoor socket
• For temporary installation only
• 3m cable with prepared wires to plug
• Pre-wired double, 13A switched socket manufactured to BS 1363-2:2016+A1:2018 (socket), BS 7071 (RCD plug)
• Easy to wire RCD plug, non-latching, 30mA trip current, 40ms trip
• Terminal capacity 3 x 2.5mm² 3 x 4mm² 2 x 6.0mm²

WP22KIT/3

Product Code	Description	Inner Carton	Outer Carton
WP22KIT/3	Double, 13 Amp, switched socket with 3m flex and RCD plug	-	10

Light Sensitive Outdoor Timer Switch

• IP55 rated
• Automatically switches on/off lights or other connected devices
• Settings included – Dusk-till-Dawn operation, or selected time periods to turn off after dusk – 2, 4, 6 or 8 hours
• Adjustable light sensitivity
• Max Load: 1,000 Watts – Max resistive load, 500 Watt – Max inductive load
• Adjustable light sensitivity from 3-1000 lux, with ambient light setting
• Made from a robust polycarbonate housing, long lasting and will not crack or fade in sunlight

WPDD,
side

WPDD

Product Code	Description	Inner Carton	Outer Carton
WPDD	Light sensitive outdoor timer switch	10	100

13 Amp Fused Connection Unit

• IP66 rated
• FCU manufactured to BS1363-4
• Flexible membrane: allows easy switch and power status indication without compromising IP rating
• Hinged cover with fixing screw provides access to the fuse
• Angled colour coded terminals with captive screws
• 1 drill out entry 20/25mm in rear face
• Terminal capacity 3 x 2.5mm², 2 x 4.0mm² & 1 x 6.0mm²
• Multiple gland entry positions: 5 versatile entry options with M25 capability with an easy push out blank plug design

WP53,
closed lid

WP53

Product Code	Description	Inner Carton	Outer Carton
WP53	13 Amp with power indicator	-	10

13 Amp Fused Connection Unit with Type A RCD Protection

• IP66 rated
• RCD manufactured to BS7288.
• Latching type, 30mA trip current, 40ms trip speed
• Angled colour coded terminals with captive screws
• 1 drill out entry 20/25mm in rear face
• Flexible membrane allows switching without opening unit
• Hinged cover with fixing screw provides access to the fuse
• Visible indication of power status through see-through cover
• Terminal capacity 3 x 2.5mm², 2 x 4.0mm² & 1 x 6.0mm

WP55ARCD,
side

WP55ARCD

Product Code	Description	Inner Carton	Outer Carton
WP55ARCD	13 Amp, RCD protection (latching)	-	10

TYPE A

Junction Box

• IP66 Rated
• 5 pole terminal block
• 10mm² wire capacity
• Multiple knockout – 1 on rear and three sides, 2 on one side
• Fast fix – no separate screws, no screw covers, 150º rotation
• Earth terminal in mounting box
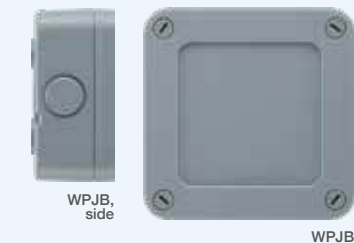
WPJB,
side

WPJB

Product Code	Description	Inner Carton	Outer Carton
WPJB	Junction box with 5 pole terminal block	-	10

Empty Enclosures

• IP66 rated when in use
• Provides the ability to self-configure to suit the application
• Suitable for all products in the Nexus Moulded, Grid, Euro Module or Nexus Metal ranges

*Not suitable for use with 20A switches and fused connection units with bottom flex outlet

WP1GEC

WP2GEC

Product Code	Description	Outer Carton
WP1GEC	Single	10
WP2GEC	Double	10

Empty Enclosure Example Configurations

WP2GEC fitted with 870

WP1GEC fitted with 8RJ451

WP2GEC fitted with 844

WP1GEC fitted with 852

BG BRITISH GENERAL

IP55
Weatherproof Range

10AX Switches

- IP55 Rated (with cover closed)
- 20mm & 25mm knock-outs in supplied mounting box
- Fixing centres with horizontal and vertical adjustment
- Manufactured to BS EN 60669-1
- Terminal capacity 4 x 1.0mm² 4 x 1.5mm² 2 x 2.5mm² 1 x 4.0mm²

WPB42

Product Code	Description	Inner Carton	Outer Carton
WPB12	Single, 2 way	10	100
WPB42	Double, 2 way	10	100
WPB14	Single, bell push	10	100

WPB12

13 Amp Socket Outlet

- IP55 Rated (with cover closed)
- 20mm & 25mm knock-outs in supplied mounting box
- Fixing centres with horizontal and vertical adjustment
- Manufactured to BS 1363-2:2016+A1:2018
- Terminal capacity 3 x 2.5mm² 3 x 4mm² 2 x 6.0mm²

WPB23

Product Code	Description	Inner Carton	Outer Carton
WPB23	Single, 13 Amp, unswitched	10	100
WPB24	Double, 13 Amp, unswitched	5	50
WPB21	Single, 13 Amp, DP UK socket with single switch	5	50

WPB21

Fused Connection Unit

- IP55 Rated (with cover closed)
- 20mm & 25mm knock-outs in supplied mounting box
- Fixing centres with horizontal and vertical adjustment
- Double pole switch
- Manufactured to BS EN 60669-1
- Terminal capacity 4 x 1.0mm² 4 x 1.5mm² 2 x 2.5mm² 1 x 4.0mm²

WPB50

Product Code	Description	Inner Carton	Outer Carton
WPB50	Single switched FCU	10	100

WPB50

BG BRITISH GENERAL

Accessories
Weatherproof Range

Power Controller

- 4 x push button ON/OFF switches with red power indicators
- Weather and dust proof to IP66 rating
- Hight impact resistance
- Switch 1 = 5 Amp, Switch 2 = 3 Amp,
- Switch 3 & 4 = 2.5 Amp (Total load = 13 Amp)

WPB4S

Product Code	Description	Inner Carton	Outer Carton
WPB4S	Power controller – 4 way, switched	-	8

External Junction Box

- IP55 Rated (with cover closed)
- Outdoor junction boxes have a selection of 20mm & 25mm on sides and 25mm entry on rear with sealant ring
- Fixing centres with horizontal and vertical adjustment

WPBJBR

Product Code	Description	Dimensions	Inner Carton	Outer Carton
490	IP55 rated enclosure	80 x 80 x 45mm	-	100
WPBJBS	Square junction box	85 x 75 x 53mm	10	100
WPBJBR	Rectangular junction box	85 x 150 x 53mm	5	50
WPBJB1	Junction box	100 x 180 x 110mm	-	10
WPBJB2	Junction box	135 x 270 x 180mm	-	10

490

Compact Junction Box

- IP67 rated
- 450V 24A rated
- Complete with fitting kit
- Cable diameter 4-9.5mm
- Temperature range -20 to +100°C
- Black finish

THK200C2E – closed

Product Code	Description	Inner Carton	Outer Carton
THK200C2E	Teebox kit, IP67, 3 pole	25	250

THK200C2E – open

Inline Connectors

- IP68 rated
- Temperature range -20 to +100°C
- Black finish
- 450V 32A rated
- Complete with fitting kit
- WPCON – supplied with 3 way terminal block
- WPCON – IP67 rated to 1m depth

TTK20BKSD

Product Code	Description	Inner Carton	Outer Carton
TTK20BKSD	Teetube 20mm, 3 pole, cable diameter 5 – 13mm	25	250
TTK25BKSD	Teetube 20mm, 5 pole, cable diameter 8 – 17mm	25	250
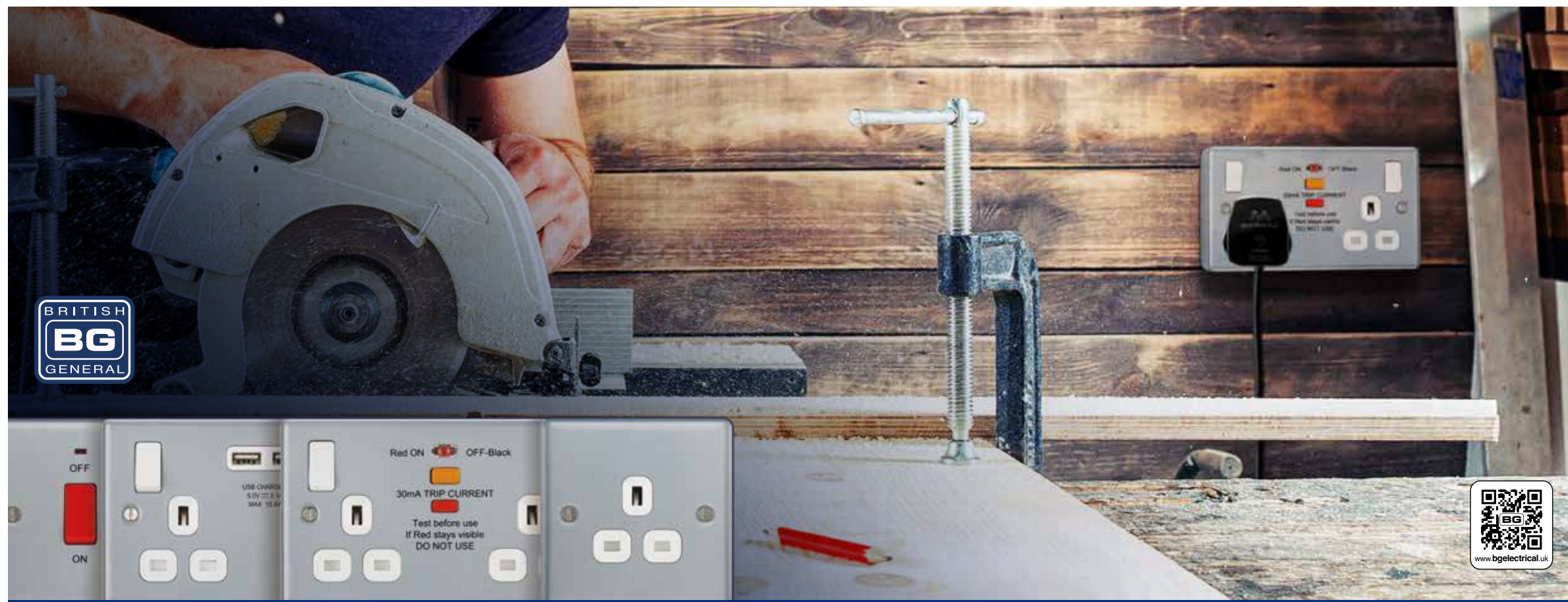
Metal Clad
Wiring Accessories

Metal Clad wiring accessories are made from a rugged scratch resistant steel with a durable powder coated finish, ideal for use in commercial and industrial environments.

The range comprises 10AX switches, 13 Amp sockets, fused connection units and RCD protection. All accessories are supplied with a multiple knock-out metal box, making them extremely versatile accommodating a variety of wiring routes

25 YEARS GUARANTEE

BG Electrical products are guaranteed against faulty materials and workmanship for a period of 25 years from date of delivery.

Features & Benefits

Durable, powder coated finish

No visable plastic around switches

Angled in-line colour coded captive terminals

Twin Earth

Supplied with multiple knock-out metal box

13 Amp Switched Socket with Fast Charge USB A + C (22W)

• Ideal for charging smartphones, tablets, power banks and portable gaming devices
• Smart charging with variable voltage - only delivers the power that your device needs, without overcharging
• Supports PD & QC charging protocols for Android and iOS devices (when using a certified cable)
• Power shared across two ports
• Twin earth fitted as standard
• Terminal capacity 3x 2.5mm², 3x 4.0mm² & 2x 6.0mm²
• 10 year guarantee

ASA APPROVED

MC522UAC22

Product Code	Description	Inner Carton	Outer Carton
MC522UAC22	13A Double Socket with USB A + C (22W)	5	50

LUCECO ACADEMY

SYNC energy

EV CHARGING

REGULATION & INSTALLATION

ACCREDITED CPD

www.luceco-academy.com

20 Amp 16AX Plate Switches

• Manufactured to BS EN 60669-1
• Mounting box with 1x 20mm knockouts in each side and rear face
• Terminal capacity 4x 1.0mm², 4x 1.5mm² 2x 2.5mm² & 1x 4.0mm²
• Backed out captive screws for easy installation
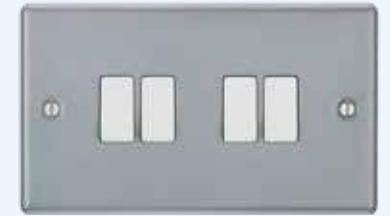
MC544

Product Code	Description	Inner Carton	Outer Carton
MC512	Single, 2 way	10	50
MC513	Intermediate	10	50
MC542	Double, 2 way	10	50
MC543	Triple, 2 way	10	50
MC544	Quadruple, 2 way	5	25

13 Amp Socket Outlets

• Manufactured to BS 1363 part 2
• Terminal capacity 3x 2.5mm², 3x 4.0mm² & 2x 6.0mm²
• Single mounting box with 1x 20mm knockouts in each side and rear face
• Colour coded terminals with backed out captive screws for easy installation

MC522

MC523

Product Code	Description	Inner Carton	Outer Carton
MC521	Single DP socket, switched	10	50
MC522	Double DP socket, switched	5	25
MC523	Single socket, unswitched	10	50
MC524	Double socket, unswitched	5	25

13 Amp RCD Protection

• Maximum load 3120 watts 240V A
• Manufactured to BS 7288:2016
• Terminal capacity 3x 2.5mm², 3x 4.0mm² & 2x 6.0mm²
• Earth terminal in mounting box
• 30 mA trip speed 40ms
• Mounting box with 1 x 20mm knockouts in each side and rear face
• Latching type

*For information on the 2 types of RCD, please see page 12

MC552ARCD

MC554ARCD

Product Code	Description	Inner Carton	Outer Carton
MC552ARCD	Double, switched socket outlet with Type A RCD	5	25
MC554ARCD	Fused connection unit	10	50

TYPE A

Round Pin Socket Outlets

- Manufactured to BS 546
- Supplied with surface mounting box
- Mounting box with 1x 20mm knockouts in each side and rear face

MC528

MC599

MC529

Product Code	Description	Inner Carton	Outer Carton
MC528	Single, 2 Amp, unswitched	10	50
MC529	Single, 5 Amp, unswitched	10	50
MC599	Single, 15 Amp, switched	10	50

45 Amp Double Pole Switches

- Double pole switches to BS EN 60669-1
- Single mounting box with 1x 20mm knockouts in each side and rear face
- Cooker control units manufactured to BS4177
- L & N terminal capacity 4x 4.0mm², 3x 6.0mm² & 1x 16.0mm²

MC570

MC574

Product Code	Description	Inner Carton	Outer Carton
MC570	Cooker control unit and socket with power indicator	5	25
MC572	Double plate with power indicator	5	25
MC574	Single plate with power indicator	10	50

20 Amp Switches

- Manufactured to BS EN 60669-1
- Mounting box with 1x 20mm knockouts in each side and rear face
- Terminal capacity 3x 2.5mm² & 1x 4.0mm²

MC531

Product Code	Description	Inner Carton	Outer Carton
MC531	Double pole switch with power indicator and optional flex outlet	5	25

13 Amp Fused Connection Units

- Manufactured to BS 1363 part 4
- Mounting box with 1x 20mm knockouts in each side and rear face
- Terminal capacity 3x 2.5mm², 2x 4.0mm² & 1x 6.0mm²
- Removable flex outlet blank
- Colour coded terminals with backed out captive screws for easy installation
- Flush LED power indicator
- Cable entry with cord grip

MC550F

MC551F

MC552F

Product Code	Description	Inner Carton	Outer Carton
MC550F	Fused Connection Unit with optional flex outlet	10	50
MC551F	Fused Connection Unit with power indicator and optional flex outlet	10	50
MC552F	Fused Connection Unit with optional flex outlet	10	50

Blank and Euro Module Plates

- Not supplied with surface mounting box
- Manufactured to BS 5733

MC505

MC5EMS2

Product Code	Description	Inner Carton	Outer Carton
MC504	Single, blank plate	10	50
MC505	Double, blank plate	5	25
MC5EMS1	Euro Module, 1 module – square	20	200
MC5EMS2	Euro Module, 2 module – square	10	100
MC5EMR4	Euro Module, 4 module – rectangular	10	100

Telephone and Data Outlets

- Telephone and data products are supplied in Euro Module format as a kit of components – separate front plate, module and mounting box
- Mounting box with 1 x 20mm knockouts in each side and rear face
- Shuttered sockets

MC5RJ11

MC5BTM2

MC5RJ451

Product Code	Description	Inner Carton
MC5BTM1	Telephone master, single, screw terminals	EM
MC5BTM2	Telephone master, double, screw terminals	EM
MC5BTS1	Telephone secondary, single, screw terminals	EM
MC5BTS2	Telephone secondary, double, screw terminals	EM
MC5RJ451	RJ45 data socket (IDC), single	EM
MC5RJ452	RJ45 data socket (IDC), double	EM

13 Amp Double Pole Key Controlled Socket Outlet

• Manufactured to BS 1363-2, BS EN 60669-1
• Mounting box depth 47mm
• Terminal capacity: 3 x 2.5mm², 2 x 4mm², 1 x 6mm²
• Lockable socket, supplied with two keys
• Double pole switch

MC5SKYSWSW

Product Code	Description	Inner Carton
MC5SKYSWSW	13 Amp, double pole key controlled socket outlet	EM

Surface Mounting Box

• Rugged, scratch resistant metal boxes suitable for everyday use in commercial and industrial environments
• Manufactured in heavy gauge steel for extra safety
• Multiple knock-out mounting box
• Earth terminal fitted as standard

MC502

Product Code	Description	Inner Carton	Outer Carton
MC501	Single	10	100
MC502	Double	5	50
MC503	Box for 6-8 module Grid configurations	5	25

Euro Module Range Extension

Quick & Easy Installation

A flexible solution of power, data, telephone, television and audio combinations to suit the wide ranging needs of the customer.

• Select the desired combination of front plate and module(s)

• Simple installation, wire the module through the front plate aperture then click the module into place

• Modules of mains and extra low voltage rating must not be fitted to the same front plate aperture Ref. BS 7671:2008

See page 53 & 56

Front Plate   Module(s)

MC5EMS1   EMNSTVW

Nexus Grid Range Extension

Quick & Easy Installation

A customisable selection of power Grid modules that provide a seamless appearance with the associated wiring accessories.

• Firstly, screw the Grid frame to the mounting box and wire the modules

• Then slot the module on to the frame and click into place

• Finally, fit the finished plate

See page 44, 48 & 49

Front Plate   Frame   Modules

RMC1   RFR12   R12

www.bgelectrical.uk
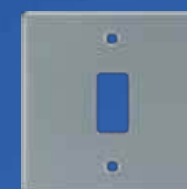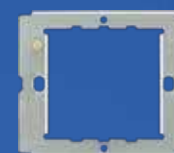
Junction Box &
Contractor Range

A first class range of essential wiring accessories required for any installation. Robust products designed for easy installation.

Our junction box range has been designed to simplify your installation. The product comes with incoming and outgoing cable clamps and three plate terminals with separate terminals for flexible cords.

IN THE RANGE

25 YEARS GUARANTEE

BG Electrical products are guaranteed against faulty materials and workmanship for a period of 25 years from date of delivery.

Features & Finishes

Junction Boxes

Metal Boxes

Accessories

Junction Boxes – Selective Entry

- Manufactured to BS EN 60670
- Selective entries indicated by numbers and symbols on rotating cover
- Moulded in brown or white urea
- Rear entry knockouts in base to facilitate ease of wiring
- Suitable for unbroken ring wire installations
- Lower lip of entries can easily be knocked out to take twin cables
- Robust, generous capacity slot terminals with large grub screws

606 Internal View

606W

Product Code	Description	Inner Carton	Outer Carton
603	3 way, 30 Amp, 89mm/3.25" diameter – brown	10	100
603W	3 way, 30 Amp, 89mm/3.25" diameter – white	10	100
604	4 way, 20 Amp, 80mm/3.25" diameter – brown	10	100
604W	4 way, 20 Amp, 80mm/3.25" diameter – white	10	100
606	6 way, 20 Amp, 89mm/3.25" diameter – brown	10	100
606W	6 way, 20 Amp, 89mm/3.25" diameter – white	10	100

Junction Boxes – Knock-Out Entry

- Manufactured to BS EN 60670
- Suitable for unbroken ring wire installations
- Robust, generous capacity slot terminals with large grub screws
- Small and unobtrusive
- Moulded in brown or white urea

491 Internal View

491

Product Code	Description	Inner Carton	Outer Carton
491	4 way, 20 Amp, 57mm/1.25" diameter – brown	20	200
491W	4 way, 20 Amp, 57mm/1.25" diameter – white	20	200

Junction Boxes – Heavy Duty

- Manufactured to BS EN 60670
- Robust, generous capacity slot terminals with large grub screws
- Moulded in brown urea
- High amperage connector blocks
- Brass terminal block
- Approved to VDE 0606

4100SP

460 (closed and internal)

Product Code	Description	Inner Carton	Outer Carton
4100SP	3 way, 100 Amp, single pole	10	100
4100DP	3 way, 100 Amp, double pole	5	50
460	3 way, 60 Amp, single pole	5	50

Junction Boxes – Lighting

- Manufactured to BS 5733
- Approved BS EN 60998 terminal block
- Mounting holes for horizontal and vertical fixing
- Ideal for use in lighting applications
- Small and unobtrusive
- Approved to VDE 0606

403/405/410

Product Code	Description	Inner Carton	Outer Carton
403	3 way, 3 Amp	20	200
405	3 way, 5 Amp	20	200
410	3 way, 10 Amp	20	200

Connection Cover

- For use with terminal strips up to 30 Amp
- 3 part, easy assemble connection cover – V2 fire rating
- Auto cable restraint – 75% quicker to install than similar products
- Supplied in a counter display carton
- White colour for ease of location in areas of low light
- Made in the UK from reclaimed materials
- Conforms to all relevant local and national regulations

*Terminal strips not included
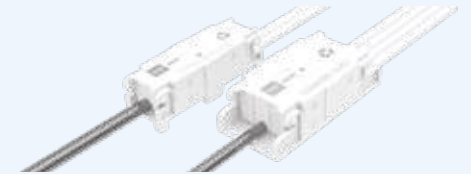
401M/401S
Closed

Product Code	Description	Inner Carton	Outer Carton
401M	Master, suitable for 4-way terminal block	20	200
401S	Secondary, suitable for 3-way terminal block	28	280

Easy Install Feature

Step 1
Remove lids

Step 2
Place electrical connection on to base

Step 3
Insert lids

Step 4
Close lid A & hold in position whilst closing lid B

Step 5
Clip the lid shut. Use optional screw if required

Fuses – Bulk Pack

- Manufactured to BS 1362

F103

F105

F1013

Product Code	Description	Inner Carton	Outer Carton
F103	3 Amp in packs of 10	10	100
F105	5 Amp in packs of 10	10	100
F1013	13 Amp in packs of 10	10	100

Dry Lining Boxes

- Chemical resistant
- Manufactured from ABS
- Circular base knock-out size 25mm
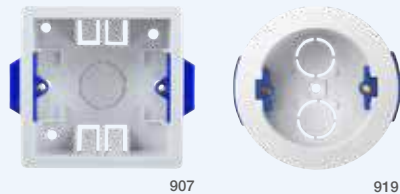
907

919

Product Code	Description	Inner Carton	Outer Carton
907	Single, 35mm	10	100
908	Double, 35mm	5	50
916	Dual 35mm	5	50
917	Single, 47mm	10	100
918	Double, 47mm	5	50
919	Round 35mm	10	100
920	Triple 35mm, single and double	5	50

Steel Knock-Out Boxes

- Manufactured to BS EN 60670-1
- Complete with earth bond terminal

HGS02

HGS04

HGS08

Product Code	Description	Inner Carton	Outer Carton
HGS01	Single, 16mm deep	20	200
HGS02	Single, 25mm deep	10	100
HGS03	Single, 35mm deep	10	100
HGS04	Double, 25mm deep	5	50
HGS05	Double, 35mm deep	5	50
HGS05/C4	4 x double, 35mm deep – combination plate	-	10
HGS06	Single, 47mm deep	10	100
HGS07	Double, 47mm deep	5	50
HGS07/C2	2 x double, 47mm deep – combination plate	-	20
HGS07/C4	4 x double, 47mm deep – combination plate	-	10
HGS08	Dual 35mm deep	5	50
HGS68	Double metal box (6g + 8g Grid)	5	25
HGS912	Triple metal box (9g + 12g Grid)	5	25

Fire Rated Dry Lining Boxes

- Fire rated back box with intumescent pad
- Spring loaded adjustable lugs for the perfect fit
- M20 knockouts in top, bottom and base for versatility
- Fitted with earth terminal in the base
- Complies with Part B (Fire) and Part E (Sound) Building Regulations
- Fire-Rated to BS EN 1364-1 for up-to 120 minutes
- Airborne Sound Insulation Tested: 54dB to ISO 10140-2: 2021
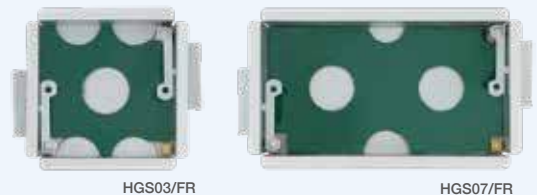
HGS03/FR

HGS07/FR

Product Code	Description	Inner Carton	Outer Carton
HGS03/FR	Single, 35mm deep	10	100
HGS05/FR	Double, 35mm deep	5	50
HGS06/FR	Single, 47mm deep	10	100
HGS07/FR	Double, 47mm deep	5	50

Flex Connectors

- Manufactured to BS 5733
- 2 plastic cable restraints retained by plated-steel slotted head screws
- Brass slotted head terminal screws

458

452

Product Code	Description	Inner Carton	Outer Carton
452	10 Amp, 3 pin, shrouded non-reversible male and female	20	200
458	10 Amp, 3 pin, solid brass through terminals	20	200

Connector Strips

- Manufactured from thermoplastic
- Unique 'snap-off' spine design
- Maximum continuous temperature rating 80˚C
- Nominal voltage 400V
- Fully backed-out screws to speed installations
- Manufactured to BS EN 60998-2-1

TS30/6

Product Code	Description	Inner Carton	Outer Carton
TS2.5/6/1	2.5 Amp, 6 way	10	100
TS2.5/12/10	2.5 Amp, 12 way – pack of 10	-	100
TS5/6/1	5 Amp, 6 way	10	100
TS5/2x6	5 Amp, 6 way	10	100
TS5/12/10	5 Amp, 12 way – pack of 10	-	100
TS15/6/1	15 Amp, 6 way	10	100
TS15/12/10	15 Amp, 12 way – pack of 10	-	48
TS30/6/1	30 Amp, 6 way	10	100
TS30/12/10	30 Amp, 12 way – pack of 10	-	30
TS60/6/1	60 Amp, 6 way	10	100
TS60/12/10	60 Amp, 12 way – pack of 10	-	20

Twin & Earth Cable Clips

- For fast installations of cables
- Made from impact resistant UV stabilised polypropylene
- Can withstand high impact together with extremes of heat, cold and acid
- Safety nail bends before breaking – hardened and zinc coated
- Temperature range -40°C to +80°C

CCF6/50

Product Code	Description	Colour	Pack Quantity	Inner Carton	Outer Carton
CCF1/50	Twin and Earth Cable Clips – 1mm	Grey	50	10	100
CCF1.5/50	Twin and Earth Cable Clips – 1.5mm	Grey	50	10	100
CCF2.5/50	Twin and Earth Cable Clips – 2.5mm	Grey	50	10	100
CCF4/50	Twin and Earth Cable Clips – 4mm	Grey	50	10	100
CCF6/50	Twin and Earth Cable Clips – 6mm	Grey	50	10	100
CCF10/50	Twin and Earth Cable Clips– 10mm	Grey	50	10	100

Round Cable Clips

- For fast installations of cables
- Made from impact resistant UV stabilised polypropylene
- Can withstand high impact together with extremes of heat, cold and acid
- Safety nail bends before breaking – hardened and zinc coated
- Temperature range -40°C to +80°C
- Moulded in quality virgin material

CCR7B/50

Product Code	Description	Colour	Pack Quantity	Inner Carton	Outer Carton
CCR5/50	Round Cable Clips – 5mm	White	50	10	100
CCR6/50	Round Cable Clips – 6mm	White	50	10	100
CCR7/50	Round Cable Clips – 7mm	White	50	10	100
CCR7B/50	Round Cable Clips – 7mm	Black	50	10	100
CCR7BR/50	Round Cable Clips – 7mm	Brown	50	10	100
CCR8/50	Round Cable Clips – 8mm	White	50	10	100
CCR10/50	Round Cable Clips – 10mm	White	50	10	100

Bell Wire Clips

- For fast installations of cables
- Made from impact resistant UV stabilised polypropylene
- Can withstand high impact together with extremes of heat, cold and acid
- Safety nail bends before breaking – hardened and zinc coated
- Temperature range -40°C to +80°C

CCBELL/100

Product Code	Description	Pack Quantity	Inner Carton	Outer Carton
CCBELL/50	Bell Wire Clips	50	10	100

Earth Clamps

- Terminal size A-D (2.5mm^2-10mm^2)
- Maximum earth conductor 1x 10mm^2
- Comply with BS 951

EC141   EC151

Product Code	Description	Colour	Inner Carton	Outer Carton
EC141	Internal 12-32mm	Red	20	200
EC151	External 12-32mm	Blue	20	200

Cable Ties

- Nylon (PA66) cable ties
- Quick and easy to install with high locking & tensile strength
- Continuous operating temperature -40°C to +85°C
- Halogen free, LSF (Low Smoke & Fume)

CT150X3.8B/100

Product Code	Description	Colour	Pack Quantity	Inner Carton	Outer Carton
CT100X2.5B/100	Length: 100mm, Width; 2.5mm	Black	100	-	400
CT100X2.5N/100	Length: 100mm, Width; 2.5mm	Natural	100	-	400
CT150X3.8B/100	Length: 150mm, Width; 3.8mm	Black	100	-	200
CT150X3.8N/100	Length: 150mm, Width; 3.8mm	Natural	100	-	200
CT200X2.5N/100	Length: 200mm, Width; 2.5mm	Natural	100	-	150
CT200X4.8B/100	Length: 200mm, Width; 4.8mm	Black	100	-	120
CT200X4.8N/100	Length: 200mm, Width; 4.8mm	Natural	100	-	120
CT200X4.8R/100	Length: 200mm, Width; 4.8mm	Red	100	-	120
CT300X4.8B/100	Length: 300mm, Width; 4.8mm	Black	100	-	100
CT300X4.8N/100	Length: 300mm, Width; 4.8mm	Natural	100	-	100
CT300X4.8R/100	Length: 300mm, Width; 4.8mm	Red	100	-	100
CT370X4.8B/100	Length: 370mm, Width; 4.8mm	Black	100	-	60
CT370X4.8N/100	Length: 370mm, Width; 4.8mm	Natural	100	-	60
CT370X7.6B/100	Length: 370mm, Width; 7.6mm	Black	100	-	40
CT450X8B/100	Length: 450mm, Width; 8mm	Black	100	-	30

Insulation Tape

- Tape Manufactured to BS 60454
- Flame retardant PVC
- Strong and durable

EITBL20/1   EITB20/1   EITYG20/1
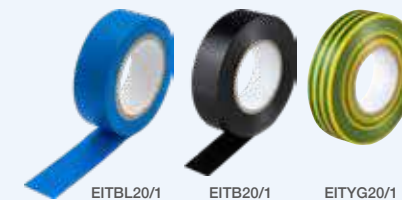
Product Code	Description	Colour	Inner Carton	Outer Carton
EITB20/1	19mm x 20m Reel	Black	10	100
EITW20/1	19mm x 20m Reel	White	10	100
EITR20/1	19mm x 20m Reel	Red	10	100
EITYG20/1	19mm x 20m Reel	Yellow/Green	10	100
EITBL20/1	19mm x 20m Reel	Blue	10	100
EITBR20/1	19mm x 20m Reel	Brown	10	100

Cable Glands

- All glands/grommets satisfy IP4X (minimum requirement as per NICEIC Guidelines for all cable entry and exit on horizontal planes)
- Tails glands allow 2 x tails and 1 x earth cable to enter one single entry, whilst being individually sealed
- Both plastic and brass glands acceptable, due to no set regulation on cable entry
- Cable retention, negates requirement for additional tails clamp
- Earth cable entry can be easily blanked
- All products are self-extinguishing
- Glands are vibration resistant
- Halogen free material
- No eddy currents

*Ideal for use with metal consumer units, *see page 149*

CPRGBF25

CPRGMGR　　**CPRGPF25**

Insert options:

Product Code	Description	(Flat) Cable Acceptance	Material	Outer Carton
CPRGPF20S	Grey plastic gland kit c/w flat cable insert & locknut	1 – 1.5mm²	Polyamide	40
CPRGPF20	Grey plastic gland kit c/w flat cable insert & locknut	2.5 – 4mm²	Polyamide	20
CPRGPF252	Grey plastic gland kit c/w flat cable insert, locknut & adaptor	2x 2.5mm²	Polyamide	40
CPRGPF25	Grey plastic gland kit c/w flat cable insert, locknut & adaptor	6mm²	Polyamide	40
CPRGPF32	Grey plastic gland kit c/w flat cable insert & locknut	10 – 16mm²	Polyamide	40
CPRGPT40	Grey plastic tails kit c/w multiple inserts, locknut & blanking insert	2x 25mm², 1x 16mm²	Polyamide	40
CPRGPT40A	Grey plastic tails kit c/w adaptor, multiple inserts, locknut & blanking insert	2x 25mm², 1x 16mm²	Polyamide	20
CPRGPT32	Grey plastic tails kit c/w multiple inserts, locknut & blanking insert	2x 16mm², 1x 16mm²	Polyamide	40
CPRGBF20S	Brass gland kit c/w flat cable insert, locknut	1 – 1.5mm²	Nickel Plated Brass	30
CPRGBF20	Brass gland kit c/w flat cable insert, locknut	2.5 – 4mm²	Nickel Plated Brass	30
CPRGBF252	Brass gland kit c/w flat cable insert, locknut & reducer	2x 2.5mm²	Nickel Plated Brass	30
CPRGBF25	Brass gland kit c/w flat cable insert, locknut & reducer	6mm²	Nickel Plated Brass	30
CPRGBF32	Brass gland kit c/w flat cable insert & locknut	10 – 16mm²	Nickel Plated Brass	30
CPRGBT40	Brass tails kit c/w multiple inserts, locknut & blanking insert	2x 25mm², 1x 16mm²	Nickel Plated Brass	30
CPRGBT40A	Brass tails kit c/w adaptor, multiple inserts, locknut & blanking insert	2x 25mm², 1x 16mm²	Nickel Plated Brass	30
CPRGBT32	Brass tails kit c/w multiple inserts, locknut & blanking insert	2x 16mm², 1x 16mm²	Nickel Plated Brass	30
CPRGMGR	10x M20, 3x M32 semi-blind grommets	1 – 25mm²	TPE, Flame Retardant	10

Mains Powered Door Chimes

- Mains Powered, 230VAC
- Mechanical "Ding Dong" sound
- Built in transformer
- 80dB sound output
- Wall mounted, fixings supplied
- Bell pushes for use with MDC1 chime unit

MDC1　　**MDCPB1**　　**MDCPB6**

Product Code	Description	Wiring Type	Inner Carton	Outer Carton
MDC1	Mains door chime	Hard Wired	12	24
MDCPB1	White plastic bell push	Hard Wired	50	100
MDCPB2	Brushed steel bell push	Hard Wired	50	100
MDCPB3	Polished chrome bell push	Hard Wired	50	100
MDCPB5	Black plastic bell push	Hard Wired	50	100
MDCPB6	Cast Metal, Black with illuminated push surround	Hard Wired	50	100

Nexus
GRID
MODULAR SYSTEM

Flexibility is at the centre of the Nexus Grid design

With five types of finishes and four different profiles, the range is designed to suit any domestic, commercial, or industrial environment; combining a high-quality finish with quick and easy installation.

www.**bgelectrical**.uk

Fire Safety
Smoke, Heat, CO Alarms

BRITISH BG GENERAL

www.**bgelectrical**.uk

Most fires at home start accidentally – and the effects can be devastating. A fire detection system provides an early warning – and time to escape – that really does save lives.

The British General range of alarms includes interconnected alarms for whole home coverage, and battery-operated alarms which operate independently. All alarms are third party approved and certified to relevant European standards to ensure peace of mind for both the installer and end user.

This range includes optical smoke alarms, heat alarms and CO alarms, offering a solution for various locations around your home for fast and effective detection of fire and dangerous levels of carbon monoxide.

IN THE RANGE

Mains Optical Smoke Alarm	**131**
Mains Heat Alarm	**131**
Mains CO Alarm	**131**
Battery Optical Smoke Alarm	**132**
Battery CO Alarm	**133**

10 YEARS GUARANTEE

BG Electrical products are guaranteed against faulty materials for a period of 10 years from date of delivery.

Features & Benefits

Battery operated or battery back up

Test and hush function

Mains operated inconnecting alarms

Designed for ease of installation

CARBON MONOXIDE ALARM SDMCO 10 YEARS

85dB(A) at 3 metres

Mains alarms BSI Kitemarked approved

What alarms do landlords need to install?

Every private rented property needs to be fitted with smoke alarms and carbon monoxide alarms (if applicable). On 1 October 2022, the regulations are being extended to cover social housing.

What type of alarm is required?

The regulations do not stipulate the type of alarms (such as main powered or battery powered), however where a battery powered option is selected, alarms with 'sealed for life' batteries rather than alarms with replaceable batteries are a better option.

At least one smoke alarm should be installed on every storey which is used in living accommodation. In general smoke alarms should be fixed to a ceiling in a circulation space i.e. a hall or landing.

A carbon monoxide alarm should be installed in every room which is used as living accommodation containing a fixed combustion appliance (excluding gas cookers).

Landlords should follow the individual manufacturer's instructions when installing the alarms. However, in general, carbon monoxide alarms should be positioned at head height, either on a wall or shelf, approximately 1-3 metres away from a potential source of carbon monoxide.

Fitting a heat alarm in your kitchen will give you warning of an increase in temperature caused by a fire but will not be set off by cooking fumes, therefore reducing the risk of false alarms.

SINGLE FLOOR PLAN

DINING ROOM   KITCHEN   BEDROOM   BEDROOM

LIVING ROOM   BEDROOM

MULTIPLE FLOOR PLAN

BEDROOM   HALL   BEDROOM

LIVING ROOM   KITCHEN

BASEMENT

● Smoke Alarms for Minimum Protection
○ Smoke Alarms for Additional Protection
◆ CO Alarms for Minimum Protection
◇ CO Alarms for Additional Protection
△ Heat Alarm
▢ Combo Smoke/Heat Alarm
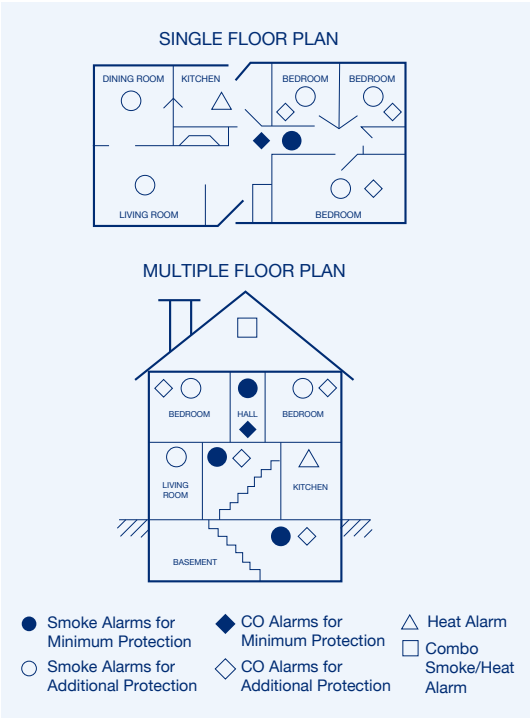
Interconnected alarms

When smoke and carbon monoxide (CO) alarms are interconnected, each alarm can now tell you when there's smoke or carbon monoxide in any room that has a smoke/CO alarm. A traditional alarm can alert you to the presence of smoke, fire or carbon monoxide, but it can only detect the area around it.

Interconnected alarms are safer

From February 2022 every home in Scotland must have interconnected fire alarms, and there should be adequate carbon monoxide protection. Interconnected means if one goes off, they all go off, so you will always hear an alarm wherever you are in your home. Interconnected smoke alarms are safer than standalone smoke alarms, because they let you know about an emergency sooner. Even if you're in the house, you may not be close to the area where the fire started.

SAFETY WARNING: Wiring should be in accordance with the latest edition of the IET regulations (BS 7671)

Smoke alarm requirements in lofts

Interlinked alarms: Smoke alarms in a loft should be connected to other alarms in the house to ensure a coordinated alert in case of fire.

Mains powered: It is recommended to use mains-powered smoke alarms for reliability.

Placement: Position the smoke alarm in a central location within the loft space, ideally in a circulation area like a hallway.

Consider multi-sensor alarms: For optimal detection, a multi-sensor alarm that detects both smoke and heat may be suitable for a loft.

Mains Optical Smoke Alarm

The BG mains powered optical smoke alarm is ideal for detecting smoke from smouldering fires whilst minimising false alarms. This alarm can be interconnected with the wider range of BG interconnected alarms for complete coverage.

• Hard-wired optical smoke alarm wires directly into your home electric system
• Constant monitoring of the air for the presence of smoke
• Interconnecting: connect up to 24 heat and smoke alarms, or up to 12 alarms when including a CO alarm
• Dust cover (included) prevents contamination of the device during installation
• 9V battery backup (battery included) ensures the alarm will operate if mains power is lost
• Hush function allows the alarm to be temporarily silenced
• Test function, fault, and low battery warnings to assist with alarm maintenance
• Alarm volume 85dB(A) at 3m
• Class 2 alarm
• Certified to BS EN 14604:2005/AC:2001, BSI Kitemark number KM 762034
• UKCA and CE certified
• 10-year product lifetime

SDMOA

Product Code	Description	Inner Carton	Outer Carton
SDMOA	Mains optical alarm	6	48

KM 762034

Mains Heat Alarm

The BG mains powered heat alarm is ideal for use in kitchens and other rooms where smoke or steam may be present, and will alert you if there is a significant rise in temperature which may indicate a fire is about to break out. This alarm can be interconnected with the wider range of BG interconnected alarms for complete coverage.

• Hard-wired heat alarm wires directly into your home electric system
• Interconnecting: connect up to 24 heat and smoke alarms, or up to 12 alarms when including a CO alarm
• Dust cover (included) prevents contamination of the device during installation
• 9V battery backup (battery included) ensures the alarm will operate if mains power is lost
• Hush function allows the alarm to be temporarily silenced
• Test function, fault, and low battery warnings to assist with alarm maintenance
• Alarm volume 85dB(A) at 3m
• Class 2 alarm
• Certified to BS 5446-2:2003, BSI Kitemark number KM 645618
• UKCA and CE certified
• 10-year product lifetime

SDMHA

Product Code	Description	Inner Carton	Outer Carton
SDMHA	Mains heat alarm	6	48

KM 645618

Mains Carbon Monoxide Alarm

The BG mains powered CO alarm is designed to detect carbon monoxide gas from any source of combustion and will alert you when it detects dangerous levels of CO in the air. This alarm can be interconnected with the wider range of BG interconnected alarms for complete coverage.

• Hard-wired CO alarm wires directly in to your home electric system
• Interconnecting: connect up to 12 alarms
• Dust cover (included) prevents contamination of the device during installation
• 9V battery back up ensures the alarm will operate if mains power is lost
• Hush function allows the alarm to be temporarily silenced
• Test function, fault and low battery warnings to assist with alarm maintenance
• Supplied with base for straight forward installation
• Alarm volume 85dB(A) at 3m
• Type A alarm
• Certified to BS EN 50291-1:2018, BSI Kitemark number KM 616830
• UKCA and CE certified
• 10-year product lifetime

SDMCO

Product Code	Description	Inner Carton	Outer Carton
SDMCO	Mains carbon monoxide alarm	6	48

KM 616830

Mains Combo Smoke/Heat Alarm

This BG Combination Smoke & Heat alarms is ideal for use in loft or attic spaces, and is less prone to false alarms in dusty environments vs. a stand alone smoke alarm. Recommended for use in spaces where photovoltaic installation invertors are fitted. This alarm can be interconnected with the wider range of BG interconnected alarms for complete coverage, and can be tested and silenced remotely when paired with an SDMREM wireless remote.

• Hardwired alarm with 10 year lithium sealed in back-up battery
• Wireless RF feature allows you to silence and test the alarm remotely using the SDMREM wireless remote
• Interconnecting: connect up to 24 heat and smoke alarms, or up to 12 alarms when including a CO alarm from the BG Interconnected alarms range
• Colour coded terminals for straight forward installation
• Dust cover (included) prevents contamination of the device during installation
• Certified to BS 5446-2:2003 and EN 14604:2005+AC:2008, third party tested and approved by TUV
• 10 year guarantee

SDMHOA

Product Code	Description	Inner Carton	Outer Carton
SDMHOA	Mains combo smoke/heat alarm	6	48

Wireless Remote for Combo Smoke/Heat Alarm

This BG wireless controlled is designed for use with BG SDMHOA Combination smoke and heat alarms.

• Ideal for testing and silencing the alarm remotely when installed in areas that are difficult to access such as the loft or attic.
• Requires 2 x AA batteries (supplied)
• Mounting bracket allows wall mounting
• Pairs with the alarm using 868MHz wireless frequency
• 100m open air range
• Connect with up to 48 combo smoke/heat alarms
• Complies with 2014/53/EU standards
• 10 year guarantee

SDMREM

Product Code	Description	Inner Carton	Outer Carton
SDMREM	Wireless Remote for combo smoke/heat alarms	12	96

Battery Optical Smoke Alarm

The BG battery operated optical smoke alarm is ideal for detecting smoke from smouldering fires whilst minimising false alarms.

• Constant monitoring of the air for the presence of smoke
• Low battery mode warns you when the alarm needs replacing
• Suitable for ceiling or wall mounting
• Hush function allows the alarm to be temporarily silenced
• Test and false alarm functions
• Sealed in lithium battery
• Alarm volume 85dB(A) at 3m
• Certified to BS EN 14604:2005
• UKCA and CE certified
• 10-year product lifetime

SDLLSM

Product Code	Description	Inner Carton	Outer Carton
SDLLSM	Battery optical smoke alarms	6	48

Battery CO Alarm

The BG battery operated CO alarm will detect carbon monoxide gas from any source of combustion and will alert you when it detects dangerous levels of CO in the air.

• Low battery mode warns you when the alarm needs replacing
• Suitable for wall mounting
• Hush function allows the alarm to be temporarily silenced
• Test and false alarm functions
• 2 x AA Batteries (included)
• Type B alarm
• Alarm volume 85dB(A) at 3m
• Certified to BS EN 50291-1:2018 and EN 50291-1:2018
• UKCA and CE certified
• 10-year product lifetime

SDBCO

Product Code	Description	Inner Carton	Outer Carton
SDBCO	Battery optical CO alarms	6	48

www.bgelectrical.uk

Ceiling & Lighting
Accessories

High quality and robust accessories offering durability, reliability and ease of installation.

Our products combine modern styling with ease of use for installers,and are manufactured to high quality and reliability standards. The extensive range includes; ceiling roses, pendant sets, batten holders and fluorescent starters and all the technical information.

IN THE RANGE

25 YEARS GUARANTEE

BG Electrical products are guaranteed against faulty materials and workmanship for a period of 25 years from date of delivery.

Features & Finishes

Ceiling Switches

Fluorescent Starters

FS2

Lamp Holders & Pendants

Ceiling Roses

- Large capacity earth terminal with locking terminal screw
- Eight "in-line" terminals all with captive screws
- Wiring aperture in base with extra knockout for ease of wiring
- Spin-on cover with smooth cable entry for maximum protection of pendant conductor insulation
- Large capacity earth terminal with locking terminal screw
- Base moulded in clear polycarbonate
- Cover moulded in satin finish urea
- Manufactured to BS67

561

Product Code	Description	Inner Carton	Outer Carton
561	3.5" diameter	10	100
661	3" diameter	10	100

Pendant Sets (T2)

- Large capacity earth terminal with locking terminal screw
- Wiring aperture in base with extra knockout for ease of wiring
- 0.75mm pendant flex heat resistant to BS6141
- Spin-on cover with smooth cable entry for maximum protection of pendant conductor insulation
- Eight "in-line" terminals all with captive screws
- Manufactured to BS67 and BS EN 60598-2-1

666

Product Code	Description	Inner Carton	Outer Carton
566	6" flex and 3.5" base	10	100
569	9" flex and 3.5" base	10	100
666	6" flex and 3" base	10	100
666DC	6" pendant set with decorators cover	10	100
669	9" flex and 3" base	10	100
6612	12" flex and 3" base	10	100

Batten Holders Enclosed (T2)

- Large capacity earth terminal with locking terminal screw
- Diameter of batten lampholder is 80mm (3")
- T2 temperature rated
- Wiring aperture in base with extra knockout for ease of wiring
- Wired with heat resistant wire
- Base cover can be removed without removing HO skirt
- Manufactured to BS EN 61184

763   767

Product Code	Description	Inner Carton	Outer Carton
763	2 terminal body, 3 terminals + earth in base, PVC tails, HO skirt	10	100
767	2 terminal body angled, 3 terminals + earth in base and PVC tails, HO skirt	10	100

Batten Holders (T2)

- Manufactured to BS EN 61184
- Knock-outs to allow for surface wiring
- 3 Terminals
- For B22 bayonet cap lamps

753   748

Product Code	Description	Inner Carton	Outer Carton
752	3 terminals with short skirt	10	100
753	3 terminals with HO skirt	10	100
747	3 terminal angled with HO skirt	10	100
748	3 terminal angled with short skirt	10	100

Ceiling Switches

- Supplied with approximately 1.5 metres of cord
- Individually bagged
- Manufactured to BS EN 60669-01

803   804

Product Code	Description	Inner Carton	Outer Carton
801	6 Amp 1 way	10	100
802	6 Amp 2 way	10	100
803	45 Amp double pole with power indicator	10	100
804	10 Amp triple pole fan isolator	10	100
801PC	Replacement pull cord, 1.5m	20	200
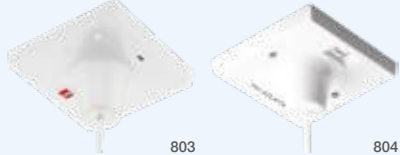
Decorative Ceiling Roses and Switches

- Supplied with approximately 1.5 metres of cord
- Individually bagged
- Manufactured to BS EN 60669-01

661ST

802CH

Product Code	Description	Inner Carton	Outer Carton
802CH	6 Amp 2 way ceiling switch chrome finish	5	50
802ST	6 Amp 2 way ceiling switch steel finish	5	50
661CH	Chrome finish cover with polycarbonate 3" diameter base	5	50
661ST	Steel finish cover with polycarbonate 3" diameter base	5	50

Lamp Holders – Heat Resistant (T2)

- Moulded in robust fully insulating plastic
- Positive cord-grip
- Manufactured to BS EN 61184
- 2A at 250V AC

721   252

Product Code	Description	Inner Carton	Outer Carton
720	Cord grip with short skirt	20	20
721	Cord grip with HO skirt	20	20
725	1/2"/12.6mm 26 BSB threaded entry with short skirt	20	20
252	Pushbar lamp holder switched ½" 26 BSB with threaded entry and short skirt	20	20
7369	HO skirt	100	1000

Pendant Set – Edison Screw

- Large capacity earth terminal with locking terminal screw
- Wiring aperture in the base with extra knockout for ease of wiring
- Base incorporates L, N and loop-in terminals with 8 individual cable entries and captive screws
- Spin-on-cover with smooth cable entry for maximum protection of pendant conductor insulation
- Alternative fixing holes allow for off centre mounting
- 0.75mm² two core circular cable
- Lamp holder pre-wired to cable ready to be fitted to ceiling rose
- 6"/15cm flex & 3"/80mm diameter base

666ES14

Product Code	Description	Inner Carton	Outer Carton
666ES14	Pendant set – E14 Edison screw	10	100
666ES27	Pendant set – E27 Edison screw	10	100

Luminaire Support Connector

• The 6A plug-in ceiling rose offers a pluggable connection for luminaires
• The luminaire can be connected and disconnected under load
• Plug and sockets have 4 terminations for live, neutral, earth and loop-in
• Supports up to 5kg load
• Moulded in durable PC matt plastic material
• Cables have prepared ends

LSCPLG   LSC4PA

LSC4PA/4C3

Product Code	Description	Inner Carton	Outer Carton
LSC4PA/4C2	Luminaire support connector 4 pin plug + socket 2M 4C 0.75mm cable	10	100
LSC4PA/4C3	Luminaire support connector 4 pin plug + socket 3M 4C 0.75mm cable	10	100
LSC4PA	Luminaire support connector 4 pin plug + socket assembly	10	100
LSCPLG/RD	Luminaire support connector 4 pin plug – red	10	100
LSCPLG	Luminaire support connector 4 pin plug	10	100

Fluorescent Starters

• Manufactured to BS EN 60155
• All starters are kite marked

FS2   FS125

Product Code	Description	Inner Carton	Outer Carton
FSU	4-80 Watt	10	100
FS2	4-22 Watt single series	10	100
FS125	70, 75, 80, 85, 100-125 Watt	10	100

Fluorescent Starter Specifications

Lamp Type	Wattage	Circuit	FSU	FS125	FS2
150mm	4 W	Single	220/250V	-	110/130V
-	-	Twin Series	-	-	220/250V
225mm	6W	Single	220/250V	-	110/130V
-	-	Twin Series	-	-	220/250V
300mm	8W	Single	220/250V	-	110/130V
-	-	Twin Series	-	-	220/250V
525mm	13W	Single	220/250V	-	-
450mm	15W	Single	220/250V	-	110/130V
-	-	Twin Series	-	-	220/250V
360mm	16W	Single	220/250V	-	110/130V
600mm	18/20W	Single	220/250V	-	110/130V
-	-	Twin Series	-	-	220/250V
Circline	22W	Single	220/250V	-	110/130V
900mm	30W	Single	220/250V	-	-
Circline	32W	Single	220/250V	-	-
600mm	40W	Single	220/250V	-	-
1200mm	36/40W	Single	220/250V	-	-
1500mm	85/80W	Single	220/250V	240/250V	-
1800mm	70/85W	Single	220/250V	240/250V	-
2400mm	100/125W	Single	-	240/250V	-

Storm
WEATHERPROOF WIRING ACCESSORIES

BG Weatherproof Range
The **preferred choice** of the nation's
contractors **for over 10 years**

An evolution in weatherproof switches & sockets

The best just got better...
Now even easier to install and operate

• Fast-fix – no seperate screws, no screw covers, 150° rotation
• Quick release socket plate with $1/4$ turn fixing **for easier installation**
• Patented cable entry prevents accidental opening of the cover
• Redesigned paddles with smoother operation, **for easier use**
• Additional sealant channels to prevent water ingress
• Improved internal seals over fixing points

IP66 RATING

25 YEARS GUARANTEE

www.**bgelectrical**.uk

DESIGNED WITH CONTRACTORS,
FOR CONTRACTORS.

At BG, we understand the importance of our products to our customers, however we are aware the installation plays a key part to this. On this basis, we design products that consider the installation contractor, collaborating with those that know the product best.

We have worked closely with contractors, holding dedicated focus groups to understand the everyday challenges during installation. Whether it's managing tight spaces, ensuring easy cable routing, or achieving a neat professional finish, the feedback received is the foundation of our products.

During development we engaged with contractor forums to ensure the design and development delivers a solution that is right for the contractor and the consumer.

BESPOKE BUILD SERVICE
TAILORED SOLUTIONS FOR
COMPLEX PROJECTS.

At BG, we understand that not every project is a standard solution. That's why we offer our Bespoke Build Service, designed for specifiers, contractors, and electricians handling complex electrical installations. Whether you're working on high-end residential properties, large commercial developments, or specialist industrial sites, our tailored approach ensures you get the perfect custom-configured board to meet your exact requirements.

Why Choose BG's Bespoke Build Service?
• Customised Solutions – We build to your exact specifications, ensuring the perfect fit for your project
• Seamless Integration – Designed for effortless installation and compatibility with existing systems
• Quality You Can Trust – Precision-engineered boards built for reliability and performance

Get the Perfect Fit for Your Next Project
Dedicated Technical team to answer installation and configuration questions.

For further details please contact
Tel: +44 (0) 1952 238 100 **Email:** uk_sales@luceco.com

IN THE RANGE

BRITISH BG GENERAL CIRCUIT PROTECTION

FLEXIBLE INSTALLATION.
SUPERIOR PROTECTION.

The BG Circuit Protection range has been developed for fast and flexible, professional installations.

Featuring two rows of large rear knockouts and the option of perforated grommet strip or quadranted clip in cable protector, BG consumer unit offers flexible cable management. Additionally, a single module SPD creates an extra usable way in the board, all contributing to a quick and professional installation.

18TH EDITION

AMD 3

BG GENERAL | **Electrical Accessories** – Wiring Devices & Circuit Protection

Email: sales@bgelectrical.co.uk   www.bgelectrical.uk

Key Features

Single Module Type 2 SPD

Meter Tails Cable Clamp

Lid Retainer

Raised Removeable DIN Rail

Clip-in Cable Protector

Backed out and retained combi-style terminal screws

Combi style screws for one-tool installation

Backed out & retained terminal screws

Grommet strip supplied for rear knockouts

Integrated spirit level, for quicker installation

Large terminal screws giving positve torque and cable retention

Cable Protector - a quadranted design giving selective cable entry options

Optional consumer unit tails clamp

Offset incomer position for additional incoming cable space

Floating busbar, for power distribution to protection devices (can be cut to size)

Quick release busbar cover

Raised DIN rail allows space for cable routing

Fast release DIN for easy first fix

Key Features

18TH EDITION AMD 3

40mm knockouts

Durable, long lasting powder coated gloss white finish

Stylish design, curved profile

Up-opening visor enabling easier access to devices

Lockable cover options available

Front cover has lid indents for a secure fit and a recessed front aperture for easy device access, this also allows easy lid removal and refitting

Fast, easy strike knockouts for speed of installation

Easy cable entry and exit using the 20mm, 25mm, 32mm and 40mm knockouts provided

40mm knockout is directly in line with the main switch for easy cable routing and termination

Ribbing, for extra strength to top and bottom, faces to help maintain shape

Clip in cable protector supplied, quadranted to allow for versatile cable management

Grommet strip supplied cut to size and perforated to follow the contours of the rear knockouts for a secure fit

Base, cover and visor all manufactured from steel to comply with BS EN 61439-3

1.2mm robust steel construction, for durability and ease of installation will not warp or distort

Tripod fixing points allows for fixing to uneven surfaces

Two rows of 100mm x 50mm rear knockouts for easy cable access using the grommet strip or clip-in protector

THE IMPORTANCE OF THE
CONSUMER UNIT IN THE HOME.

The First Line of Electrical Protection

The consumer unit is the heart of every home's electrical system, managing and protecting every circuit. From ensuring continuous power to safeguarding lives, a properly specified and installed consumer unit is critical for safety, reliability, and compliance.

Why is the right consumer unit so important?

Protects Against Electrical Faults – Prevents overloads, short circuits, and earth faults, reducing risk to both occupants and property.

Reduces Fire Hazards – Advanced devices like AFDDs and SPDs help prevent electrical fires and mitigate power surges.

Ensures Compliance & Safety – RCDs and RCBOs provide rapid disconnection, meeting BS 7671 Wiring Regulations and protecting against electric shocks.

Future-Ready Performance – Supports modern demands, including EV charging, home automation, and renewable energy integration.

Adaptable solutions – For home alterations where additional circuits maybe needed, by choosing the correct consumer unit with additional spare capacity allows for expansion capabilities.

Deliver Safety & Compliance with Every Installation

Upgrading or installing a fully compliant consumer unit ensures your clients' homes meet the latest safety standards, offering them peace of mind and long-term reliability. Stay ahead of regulations and provide the best protection for your customers. Choose high-performance BG Circuit Protection for every project.

Main Switch Consumer Unit

Effortless control and maximum protection. This unit features a main switch that connects and disconnects both the live and neutral poles. Typically, these units are populated with RCBO and AFDD devices to supply outgoing circuits. These protection devices will provide overcurrent and earth leakage fault detection to each individual circuit eliminating the need for additional RCD's to be fitted.

Compact Design: Smaller enclosures are possible by using single module RCBO and AFDD devices.
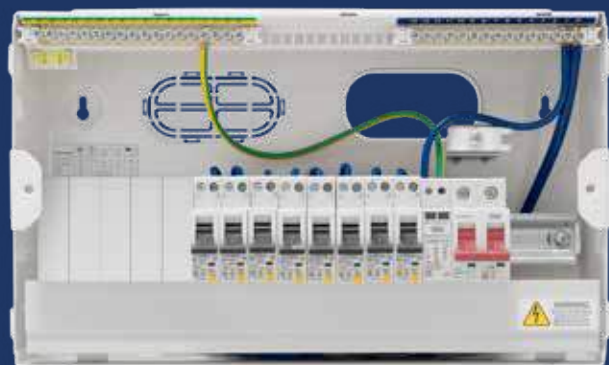
RCD Incomer Consumer Unit

Tailored for smaller, focused installations. This unit's main RCD acts as both the incomer and isolator, making it ideal for secondary installations. With local RCD protection built-in, only MCBs are needed for outgoing circuit overload protection.

However earth leakage should be considered when installing these types of enclosures as all circuits will run through one Residual Current Device (RCD).

Dual RCD Consumer Unit

The perfect blend of versatility and value. This unit starts with a main switch that powers two separate RCD devices, each supplying multiple individual circuits. With built-in RCD protection, circuits are protected by MCB's to handle current overload and short circuit. Optional surge protection boosts its safety profile, and high-integrity configurations ensure critical devices remain unprotected by the RCDs when needed.

Best For: Larger setups with multiple circuits, especially when budget matters. However earth leakage needs to be considered as multiple circuits will be taken through one of the two RCD devices.
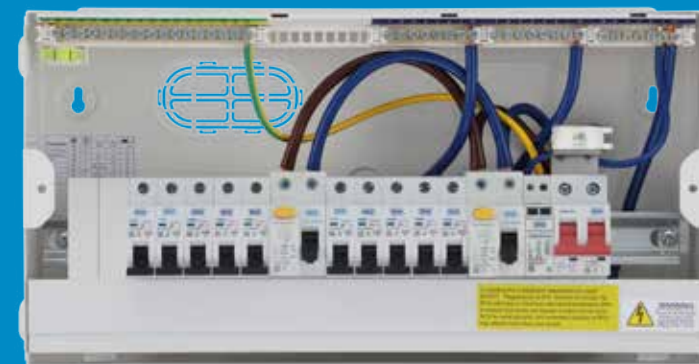
Standards - Consumer Units and Circuit Protection Devices

Product	Standard	Product	Standard
Consumer Unit	BS EN 61439-3	Enclosure	EN/IEC 61439
Main Switch	EN/IEC 60947-3	Contactor	EN/IEC 60947, 61095
MCB	EN/IEC 60898	Transformer	EN/IEC 61558-2-8
RCBO	EN/IEC 61009-1	AFDD	IEC/EN 62606 & IEC/EN 61009-01
SPD	IEC 61643-11	Connector Block	EN60947-7-1
RCD	EN/IEC 61008		

Technical

- Terminals

Device	Capacity mm²	Max Torque Nm
Switch	35mm²	2.5Nm
MCB	25mm²	2Nm
RCD	35mm²	2.5Nm
Unidirectional RCBO	25mm² L in 4-10mm² L/N Out	L IN 2Nm L/N out 1.2Nm
SPD	1.5-6mm²	2Nm L 1.2Nm PE & N
Bidirectional RCBO	25mm² L in 4-10mm² L/N Out	L2 - 2Nm L1/N1 - 1.2Nm

- Devices – Pole Pitch 18mm

Consumer Unit	Width	Height	Depth
4 Modules	172mm	230mm	116mm
6 Modules	208mm	230mm	116mm
9 Modules	262mm	230mm	116mm
12 Modules	316mm	230mm	116mm
16 Modules	388mm	230mm	116mm
19 Modules	442mm	230mm	116mm
22 Modules	494mm	230mm	116mm
36 Modules	387mm	230mm	116mm
48 Modules	495mm	230mm	116mm

- Knockouts per face

Modules	Left Side	Right Side	Base Knockout Qty Top (mm)	Bottom (mm)	Rear (mm)
4 Modules	1 x ø32mm + 1 x ø40mm	1 x ø32mm + 1 x ø40mm	2 x ø20mm + 1 x ø32mm	1 x ø20mm + 3 x ø32mm	1 x 100mm x 50mm
6 Modules	1 x ø32mm + 1 x ø40mm	1 x ø32mm + 1 x ø40mm	1 x ø20mm + 3 x ø32mm	1 x ø20mm + 2 x ø32mm + 1 x ø40mm	2 x 100mm x 50mm
9 Modules	1 x ø32mm + 1 x ø40mm	1 x ø32mm + 1 x ø40mm	1 x ø20mm + 1 x ø25mm + 3 x ø32mm	1 x ø20mm + 1 x ø25mm + 3 x ø32mm	2 x 100mm x 50mm
12 Modules	1 x ø32mm + 1 x ø40mm	1 x ø32mm + 1 x ø40mm	1 x ø20mm + 1 x ø25mm + 4 x ø32mm	1 x ø20mm + 1 x ø25mm + 3 x ø32mm	2 x 100mm x 50mm
16 Modules	1 x ø32mm + 1 x ø40mm	1 x ø32mm + 1 x ø40mm	2 x ø20mm + 1 x ø25mm + 4 x ø32mm + 1 x ø40mm	2 x ø20mm + 1 x ø25mm + 3 x ø32mm + 2 x ø40mm	4 x 100mm x 50mm
19 Modules	1 x ø32mm + 1 x ø40mm	1 x ø32mm + 1 x ø40mm	3 x ø20mm + 2 x ø25mm + 4 x ø32mm + 1 x ø40mm	3 x ø20mm + 2 x ø25mm + 3 x ø32mm + 2 x ø40mm	4 x 100mm x 50mm
22 Modules	1 x ø32mm + 1 x ø40mm	1 x ø32mm + 1 x ø40mm	3 x ø20mm + 3 x ø25mm + 4 x ø32mm + 1 x ø40mm	3 x ø20mm + 3 x ø25mm + 3 x ø32mm + 2 x ø40mm	6 x 100mm x 50mm
36 Modules	1 x ø32mm + 1 x ø40mm	1 x ø32mm + 1 x ø40mm	2 x ø20mm + 1 x ø25mm + 3 x ø32mm + 2 x ø40mm	2 x ø20mm + 1 x ø25mm + 3 x ø32mm + 2 x ø40mm	8 x 100mm x 50mm
48 Modules	1 x ø32mm + 1 x ø40mm	1 x ø32mm + 1 x ø40mm	3 x ø20mm + 3 x ø25mm + 3 x ø32mm + 2 x ø40mm	3 x ø20mm + 3 x ø25mm + 3 x ø32mm + 2 x ø40mm	12 x 100mm x 50mm

- Positive contact status indication on Switch, MCB, RCD, RCBO & AFDD provided by green indicator to show contacts are open

Product	Description
Consumer Units/Enclosures	Manufactured from 1.2mm steel and finished in powder coated high gloss finish paint, 100A Max load capacity
Plastic Enclosures/Enclosures	Manufactured from ABS or Polycarbonate, available in IP20 or IP66, 100A Max load capacity
Main Switch	100A double pole, 2 module, for isolation of the incoming supply to the consumer Unit
RCD Type A 30mA	40A, 63A, 80A & 100A double pole, 2 module, bidirectional RCD for isolation of supply and protection of earth leakage faults
RCD Type B 30mA	63A double pole, 2 module, bidirectional RCD for isolation of supply and protection of earth leakage faults and specific for use on PV
MCB	6A - 55A single pole, 1module, bidirectional MCB B & C curve for general circuits with overload and short circuit protection
RCBO Compact Type A 30mA	6A - 40A unidirectional, single pole, 1 module, RCBO B & C curve for general circuits with overload, short circuit and earth leakage protection
RCBO Tall Type A 30mA	45A - 55A unidirectional, single pole, 1 module, RCBO B & C curve for general circuits with overload, short circuit and earth leakage protection
RCBO Compact Type A 30mA Bidirectional Double Pole	6A - 40A bidirectional double pole, 1 module, RCBO B & C curve for general circuits with overload, short circuit and earth leakage protection
RCBO Compact Type F 30mA Bidirectional Double Pole	16A - 40A bidirectional double pole, 2 module RCBO C curve for applications with variable speed drives and variable high frequencies occur with overload, short circuit and earth leakage protection
AFDD Tall 30mA Unidirectional	45A - 55A unidirectional, single pole, 1 module, AFDD for general circuits with overload, short circuit and earth leakage
SPD Type 2	40kA max discharge, 1 module, giving protection against transient overvoltages and protecting the electrical installation from damage
Contactors - Normally Open contacts	20A 1 module and 40A 2 module, 230V coil, for controlling lighting loads, heating or ventilation systems
Bell Transformer	2 module design, for use with mains powered door bells, steps down voltage from 240V AC to 8V AC
Digital Timers	2 module design 230V with 1 or 2 channel application with 7 day function and manual overide function
Analogue timer	3 module design 230V with single chanel operation application 24 hour function and manual overide function
Time Delay Switch	1 module design 230V with 30 second to 20 minute count down period and manual overide function

BG Guarantee

BG Electrical Circuit Protection products are guaranteed against faulty materials and workmanship for a period of 10 years from date of delivery.

Products will be repaired or (at BG Electrical's discretion) replacements will be supplied or (at BG Electrical's discretion) a credit note will be issued. This guarantee is subject to BG Electrical's conditions of sale and in particular to the following conditions being met.

1. Notification of any defect is given as soon as reasonably practicable after becoming apparent, and the products then returned to BG Electrical.

2. The products have only been operated under normal operating conditions and have only been subject to normal use.

3. No work (other than normal and proper maintenance) has been carried out to the products without BG Electrical's prior written consent.

4. The products have been assembled, or incorporated into other goods, by a qualified and recognised electrician and only in acordance with any instructions issued by BG Electrical.

5. The defect has not arisen from an item manufactured or supplied by a person other than BG Electrical.

This guarantee does not affect any customer statutory rights. All components used in a BG Electrical enclosure, must be supplied by BG Electrical. The use of any other components will negate compliance to BS 61439 and the BG Electrical guarantee. Failure to fit the enclosure in accordance with these instructions will invalidate the guarantee.

10 YEARS GUARANTEE

Main Switch Consumer Units

Double pole isolation ready for MCB & RCBO circuits.

- Main Switch Consumer Unit supplied with 100A Isolator
- Available with type 2 SPD
- Each consumer unit supplied with spare cover blanks
- Lockable covers also available, see accessories section
- Can be configured to circuit requirements using BG wiring kits and devices

Note: Split load configurations, can be created using Main Switch Consumer Unit, RCD and cable kit CUA05.

Product Code	Modules	Ways	Main Switch	SPD Type 2	IP	Cover Blanks
Unpopulated						
CF6M4	6	4	100A	-	IP20	2
CF9M7	9	7	100A	-	IP20	2
CF12M10	12	10	100A	-	IP20	2
CF16M14	16	14	100A	-	IP20	2
CF19M17	19	17	100A	-	IP20	4
CF22M20	22	20	100A	-	IP20	4
Unpopulated + Surge Protection Device						
CF9MS6	9	6	100A	Y	IP20	2
CF12MS9	12	9	100A	Y	IP20	2
CF16MS13	16	13	100A	Y	IP20	2
CF19MS16	19	16	100A	Y	IP20	4
CF22MS19	22	19	100A	Y	IP20	4

RCBO Main Switch Consumer Units – Populated

Allows 30mA RCD protection of individual circuits with the added safety features of short circuit & over current protection incorporated in each device.

- Supplied complete with unidirectional single pole RCBO's, see table
- Available with type 2 SPD
- Each consumer unit supplied with spare cover blanks
- Complete with 100A Main Switch Isolator

Consumer Unit Size	Quantity of RCBO's	B Curve Type A RCBO's Included	SPD Consumer Unit Size	Quantity of RCBO's	B Curve Type A RCBO's Included
10 Way	6	6A x 2, 16A, 32A x 2, 40A	13 Way	6	6A x 2, 16A, 32A x 3, 40A
10 Way	8	6A x 3, 16A, 32A x 3, 40A	13 Way	8	6A x 3, 16A, 32A x 3, 40A
10 Way	10	6A x 3, 16A x 2, 32A x 4, 40A	13 Way	10	6A x 3, 16A x 2, 32A x 4, 40A

Product Code	Modules	Ways	Main Switch	RCBO's	SPD Type 2	IP	Cover Blanks
Populated							
CF12MP610	12	10	100A	6	-	IP20	2
CF12MP810	12	10	100A	8	-	IP20	2
CF12MP1010	12	10	100A	10	-	IP20	2
Populated + Surge Protection Device							
CF16MPS613	16	13	100A	6	Y	IP20	2
CF16MPS813	16	13	100A	8	Y	IP20	2
CF16MPS1013	16	13	100A	10	Y	IP20	2

Dual RCD Consumer Units – Unpopulated

Allows the installer to split the consumers power needs across two 30mA Type A RCD's, for example lighting and sockets circuits.

- Dual RCD units supplied with Hi-integrity as standard designed to provide maximum flexibility for protected and unprotected circuits
- Available with type 2 SPD
- Each consumer unit supplied with spare cover blanks
- Lockable covers also available, see accessories section

Product Code	Modules	Ways	Main Switch	RCD	SPD Type 2	IP	Cover Blanks
Unpopulated Main Switch + 80A RCD							
CF12D886	12	6	100A	2 x 80A	-	IP20	2
CF16D8810	16	10	100A	2 x 80A	-	IP20	2
CF19D8813	19	13	100A	2 x 80A	-	IP20	4
CF22D8816	22	16	100A	2 x 80A	-	IP20	4
Unpopulated Main Switch + 100A RCD							
CF16D1110	16	10	100A	2 x 100A	-	IP20	2
CF19D1113	19	13	100A	2 x 100A	-	IP20	4
CF22D1116	22	16	100A	2 x 100A	-	IP20	4
Unpopulated Main Switch, 80A RCD + Surge Protection Device							
CF16D88S9	16	9	100A	2 x 80A	Y	IP20	2
CF19D88S12	19	12	100A	2 x 80A	Y	IP20	4
CF22D88S15	22	15	100A	2 x 80A	Y	IP20	4
Unpopulated Main Switch, 100A RCD + Surge Protection Device							
CF16D11S9	16	9	100A	2 x 100A	Y	IP20	2
CF19D11S12	19	12	100A	2 x 100A	Y	IP20	4
CF22D11S15	22	15	100A	2 x 100A	Y	IP20	4

Dual RCD Consumer Units – Populated

Allows the installer to split the consumers power needs across two 30mA Type A RCD's, for example lighting and sockets circuits.

- Supplied complete with MCBs fitted, see table
- Available with type 2 SPD
- Dual RCD Units supplied with Hi-integrity as standard designed to provide maximum flexibility for protected and unprotected circuits
- Each consumer unit supplied with spare cover blanks
- Lockable covers also available, see accessories section

Consumer Unit Size	Quantity of MCB's	B Curve MCB's Included	SPD Consumer Unit Size	Quantity of MCB's	B Curve MCB's Included
9 Way	6	6A x 2, 16A, 32A x 2, 40A	9 Way	8	6A x 3, 16A x 1, 32A x 3, 40A x 1
12 Way	10	6A x 3, 16A x 2, 32A x 4, 40A	12 Way	10	6A x 3, 16A x 2, 32A x 4, 40A x 1
15 Way	12	6A x 3, 10A, 16A x 2, 32A x 4, 40A, 50A	15 Way	12	6A x 3, 10A , 16A x 2, 32A x 4, 40A , 50A

Product Code	Modules	Ways	Main Switch	RCD	MCB's	SPD Type 2	IP	Cover Blanks
Populated Main Switch + 80A RCD								
CF12D88P6	12	6	100A	2 x 80A	6	-	IP20	2
CF16D88P10	16	10	100A	2 x 80A	10	-	IP20	2
CF19D88P13	19	13	100A	2 x 80A	10	-	IP20	4
Populated Main Switch + 100A RCD								
CF16D11P10	16	10	100A	2 x 100A	10	-	IP20	2
CF19D11P13	19	13	100A	2 x 100A	10	-	IP20	4
CF22D11P16	22	16	100A	2 x 100A	12	-	IP20	4
Populated Main Switch, 80A RCD + Surge Protection Device								
CF16D88PS9	16	9	100A	2 x 80A	8	Y	IP20	2
CF19D88PS12	19	12	100A	2 x 80A	10	Y	IP20	4
Populated Main Switch, 100A RCD + Surge Protection Device								
CF16D11PS9	16	9	100A	2 x 100A	8	Y	IP20	2
CF19D11PS12	19	12	100A	2 x 100A	10	Y	IP20	4
CF22D11PS15	22	15	100A	2 x 100A	12	Y	IP20	4

RCD Incomer

A RCD Incomer allows the protection of isolating both poles of the incoming supply with the protection of a 30mA Type A RCD, a great way to add an additional board in workshops, garages, garden offices and sheds.

- RCD consumer unit supplied with 100A Type A RCD
- Available with type 2 SPD
- Each consumer unit supplied with spare cover blanks
- Lockable covers also available, see accessories section

Product Code	Modules	Ways	RCD	SPD Type 2	IP	Cover Blanks
Unpopulated + 100A Type A						
CF6R14	6	4	100A	-	IP20	2
CF9R17	9	7	100A	-	IP20	2
CF12R110	12	10	100A	-	IP20	2
Unpopulated + Surge Protection Device						
CF9R1S6	9	6	100A	Y	IP20	2
CF12R1S9	12	9	100A	Y	IP20	2

Recessed Consumer Units

18TH EDITION AMD 3

- Stylish design, curved profile
- Hi-integrity as standard for Dual RCD consumer units
- Easy cable entry and exit using the 35 x 90mm oval knockouts provided
- Ability to customise with lockable accessories
- Slim profile, space saving design
- Durable, long lasting powder coated Gloss White finish

- Combi style screws for one-tool installation
- Backed out & retained terminal screws
- Integrated spirit level, for quicker installation
- Large terminal screws giving positve torque and cable retention
- Grommet strip and cable protector supplied for rear knockouts
- Sleek, low-profile design with rounded edges for a discreet finish
- Offset incomer for additional space for main incoming cables

Recessed Main Switch Consumer Units

This Main Switch Consumer unit offers the ideal solution for narrow passages or walkways, ideally suited for locations where the consumer unit needs to be discreet, such as open plan spaces. Available in Main Switch/RCD, Dual RCD, in Populated and Unpopulated versions.

- Fully recessed for low intrusion
- Available with type 2 SPD
- 68mm depth into wall cavity
- Supplied with the option to add a cover lock- lock available separately, see accessories section

Product Code	Modules	Ways	Main Switch	SPD Type 2	IP	Cover Blanks
Unpopulated						
CFFSW14	16	14	100A	-	IP20	2
CFFSW20	22	20	100A	-	IP20	4
Unpopulated + Surge Protection Device						
CFFSW12SPD	16	12	100A	Y	IP20	2
CFFSW18SPD	22	18	100A	Y	IP20	4

Recessed Dual RCD Consumer Units

Recessed Dual RCD allows the installer to split the consumers power needs across two 30mA Type A RCD's, for example lighting and power circuits. Dual RCD units supplied with Hi-integrity as standard designed to provide maximum flexibility for protected and unprotected circuits

- Supplied complete with MCBs fitted, see table
- Fully recessed for low intrusion
- Available with type 2 SPD
- 68mm depth into wall cavity, supplied with spare cover blanks
- Supplied with the option to add a cover lock- lock available separately, see accessories section

Consumer Unit Size	Quantity of MCB's	B Curve MCB's Included	SPD Consumer Unit Size	Quantity of MCB's	B Curve MCB's Included
10 Way	10	6A x 3, 16A x 2, 32A x 4, 40A	8 Way	8	6A x 3, 16A x 1, 32A x 3, 40A x 1
16 Way	12	6A x 3, 10A, 16A x 2, 32A x 4, 40A, 50A	14 Way	10	6A x 3, 16A x 2, 32A x 4, 40A x 1

Product Code	Modules	Ways	Main Switch	RCD	MCB's	SPD Type 2	IP	Cover Blanks
Unpopulated Dual RCD								
CFF16D1110	16	10	100A	2 x 100A	-	-	IP20	2
CFF22D1116	22	16	100A	2 x 100A	-	-	IP20	4
Unpopulated Dual RCD + Surge Protection Device								
CFFD1000008ASPD	16	8	100A	2 x 100A	-	Y	IP20	2
CFFD1000014ASPD	22	14	100A	2 x 100A	-	Y	IP20	4
CFFD8808ASPD	16	8	100A	2 x 80A	-	Y	IP20	2
CFFD8814ASPD	22	14	100A	2 x 80A	-	Y	IP20	4
Populated Dual RCD								
CFF16D88P10	16	10	100A	2 x 80A	10	-	IP20	2
CFF22D88P16	22	16	100A	2 x 80A	12	-	IP20	4
Populated Dual RCD + Surge Protection Device								
CFFDP18808ASPD	16	8	100A	2 x 80A	10	Y	IP20	2
CFFDP18814ASPD	22	14	100A	2 x 80A	12	Y	IP20	4

Dual Row Consumer Units

Dual row with double pole isolation ready for MCB & RCBO circuits.

- Type 2 surge protection as standard
- 100A Main Switch is located on top row, but can be repositioned to the lower row with CUA31 cable kit
- Gives the ability to be standard, dual tariff or bespoke configured to support both electrification and pro-sumer applications
- 36 and 48 module size options
- Suitable for large domestic and light commercial applications

40mm knockout

Durable, longlasting powder coated gloss white finish

Stylish design, curved profile

Front cover with 4 point fixing for easy fit and removal

Up-opening visor enabling easier access to devices

Combi style screws for one-tool installation

Backed out & retained terminal screws

Integrated spirit level, for quicker installation

Large terminal screws giving positve torque and cable retention

Cable Protector - a quadranted design giving selective cable entry options

Switch relocator kit available (CUA31)

Fast relase DIN for easy first fix

Raised DIN rail allows space for cables to pass below

Quick release busbar cover

Product Code	Modules	Ways	Main Switch	SPD Type 2	IP	Cover Blanks
CF236MS31	36	31	100A	Y	IP20	2
CF248MS43	48	43	100A	Y	IP20	2

SYNC® energy

EV Consumer Units

The perfect solution for EV installations

- With both metal and high quality UV stable plastic options, rated from IP20 through to IP66 guarenteed to provide exceptional protection
- Designed for ease of installation and available in 3 pre-configured solutions, each fitted with Type A bidirectional devices
- Rigorously tested and backed by a 10-year guarantee for peace of mind
- Protection devices tested to -25°C operation
- Devices tested to pollution degree 3, making them suitable for external application in IP65/66 enclosures
- Experience unmatched durability, versatility and ease of installation

For more information Scan QR code

Product Dimensions

Enclosure	IP	Width	Height	Depth
5 Modules	IP20	172mm	233mm	116mm
5 Modules	IP65	176mm	233mm	100mm
5 Modules	IP66	218mm	218mm	114mm

Product Code	Modules	Ways	Main Switch	RCD	MCB's	RCBO's	SPD Type 2	IP	Finish
IP20 Metal EV Kit									
CFUEV5A	5	1	-	40A 30mA	40A B Curve	-	Y	IP20	White
CFUEV5RDA	5	1	100A	-	-	40A 30mA B Curve	Y	IP20	White
CFUEV6	5	1	100A	-	40A B Curve	-	Y	IP20	White
IP65 Metal EV Kit									
CFEV5A	5	1	-	40A 30mA	40A B Curve	-	Y	IP65	Anthracite Grey
CFEV5RDA	5	1	100A	-	-	40A 30mA B Curve	Y	IP65	Anthracite Grey
CFEV6	5	1	100A	-	40A B Curve	-	Y	IP65	Anthracite Grey
CFEV5AW	5	1	-	40A 30mA	40A B Curve	-	Y	IP65	White
CFEV5RDAW	5	1	100A	-	-	40A 30mA B Curve	Y	IP65	White
CFEV6W	5	1	100A	-	40A B Curve	-	Y	IP65	White
IP66 Plastic EV Kit									
CP5R4PS1G	5	1	-	40A 30mA	40A B Curve	-	Y	IP66	Anthracite Grey
CP5MRDPS1G	5	1	100A	-	-	40A 30mA B Curve	Y	IP66	Anthracite Grey
CP5MPS1G	5	1	100A	-	40A B Curve	-	Y	IP66	Anthracite Grey

www.sync.energy

Enclosures

Main Switch Isolator Enclosure

- Allows the power to be isolated easily without removing the main fuse
- Two part cover to isolate the incoming terminals
- Safety screw allowing wire seal to secure bottom cover
- Populated with 100A Main Switch (CUSW100)

Product Code	Modules	Ways	Main Switch	IP
CUEMS1	2	2	100A	20

Fuse Switch

Can be used for safe isolation of the incoming electrical supply, and as a midpoint isolation unit if the Consumer Unit is more than 3m away from the intake fuse position. Comes with 100A, 80A & 63A fuses. Manufactured in a metal non combustible enclosure, suitable for internal instalation.

Product Code	Modules	Main Switch	IP
CFUFS100	4	100A	20

Product Code	Description
CFUFH100	100A DIN rail mounted fuse holder to suit 22mm x 58mm cartridge fuses, for use in CFUFS100 Fuse Switch
CUF100	100A 22mm x 58mm cartridge fuse, for use with CFUFH100 fuse holder
CUF80	80A 22mm x 58mm cartridge fuse, for use with CFUFH100 fuse holder
CUF63	63A 22mm x 58mm cartridge fuse, for use with CFUFH100 fuse holder

Connector Block

Product Code	Description
CB100L1	Live Phase 1 - Brown
CB100L2	Live Phase 2 - Black
CB100L3	Live Phase 3 - Grey
CB100N	Neutral - Blue
CB100E	Earth - Green
CB100EC	Functional Earth / Clean Earth - Pink

These enclosures provide an easy solution for additional add on circuits for a garage or a new shower installation. Available in IP65 – Weatherproof & IP20 non-weatherproof. Available in empty or part populated formats.

Weatherproof Enclosure

Product Code	Modules	Ways	Main Switch	RCD	MCB's	IP	Cover Blanks
CFE5W	5	5	-	-	-	65	1
CFGAR1A	5	3	-	40A Type A	2	65	1
CFGAR2	5	3	100A	-	2	65	1
CFSHOW1A	5	3	-	63A Type A	1	65	2

Non-Weatherproof Enclosure

Product Code	Modules	Ways	Main Switch	RCD	MCB's	IP	Cover Blanks
CFUE4M	4	4	-	-	-	20	2
CFUGAR1A	4	2	-	40A Type A	2	20	2
CFUGAR2	4	2	100A	-	2	20	2
CFUSHOW1A	4	2	-	63A Type A	2	20	2

Weatherproof IP65

- 5 Module enclosures accept SP RCBOs
- IP65 enclosures Ø20mm knockouts on all sides drillable to Ø32mm
- Enclosure kits supplied complete with devices, DIN rail, neutral cable, neutral & earth terminals, cover blanks and busbar

Product Code	Quantity of MCB's	B Curve MCB's Included
CFE5W	0	-
CFGAR1A	2	6A x 1, 32A x 1
CFGAR2	2	6A x 1, 16A x 1
CFSHOW1A	1	50A x1
CFSW02SPD	0	-

CFGAR1A

Non-Weatherproof IP20

- IP20 enclosures suitable for use in indoor, dry locations
- Ø20mm knockouts on all sides drillable to Ø32mm
- Enclosure kits supplied complete with devices, DIN rail, neutral cable, neutral and earth terminals, cover blanks and busbar

Product Code	Quantity of MCB's	B Curve MCB's Included
CFUE4M	0	-
CFUGAR1A	2	6A x 1, 32A x 1
CFUGAR2	2	6A x 1, 16A x 1
CFUSHOW1A	1	50A x 1

CFUGAR1A
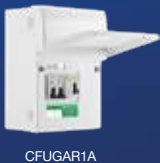
Accessories

Blank Module
CUA19
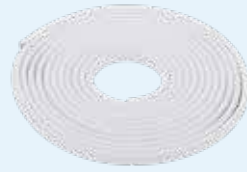
Heavy Duty Grommet Strip
CUA27
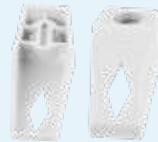
Lid Retainer
CUA17

Consumer Unit Cable Protector
CUA26/10

Consumer Unit Stand Off Mounts
CUA29

Consumer Unit Tails Clamp
CUA28

Product Code	Description
CUA01	Consumer unit cover blanks to fill unused ways (pack of 10)
CUA02	21 way copper fork busbar (can be easily cut to size)
CUA03	21 way bus bar shield (can be cut to size)
CUA05	Cable kit, with neutral and live cables, terminal bar, fixing clips and spare labels (can be used to convert main switch to a split load consumer unit)
CUA11	Spare label sheet for consumer unit (pack of 5)
CUA15	Barrel lock to suit consumer unit front covers
CFA16	Metal bung to cover barrel lock hole (front cover)
CUA17	Lid retainer, for keeping the consumer unit front cover in the open position
CUA19	Device style blank, 1 module, fills unused ways in consumer unit
CUA26/10	Consumer unit clip in cable protector, for rear knockout cable management and preventing cable chafing (pack of 10)
CUA27	Heavy duty grommet strip, for additional protection against cable chafing (5M roll)
CUA28	Consumer unit tails clamp, for securing incoming mains tails for termination inside the consumer unit
CUA29	Consumer unit stand-off mounts (1 x pair), with simple magnetic fit to the rear of the unit for a fast fit, allowing surface trunking to be used giving full access from all sides to the rear of the unit, fits all module size BG surface mount consumer units
CUA30	SPD wiring kit (no MCB) with neutral & Earth wires and type 2 SPD to fit into BG consumer units for new or retrofit installations
CUA31	Main switch relocator kit, for use in 2 row consumer unit to reposition the main switch to the bottom row

Lockable Covers

- Replacement cover for surface mount consumer units, allows front cover to be locked in the closed position
- Complete with barrel lock fitted

Product Code	Description
CFUA19	6 Module lockable cover
CFUA20	9 Module lockable cover
CFUA21	12 Module lockable cover
CFUA22	16 Module lockable cover
CFUA23	19 Module lockable cover
CFUA24	22 Module lockable cover

Cable Glands

- Both plastic and brass glands acceptable, due to no set regulation on cable entry
- Tails glands allow 2 x tails and 1 x earth cable to enter one single entry, whilst being individually sealed
- No eddy currents
- Earth cable entry can be easily blanked
- All glands/grommets satisfy IP4X (minimum requirement as per NICEIC guidelines for all cable entry and exit on horizontal planes)
- Cable retention, negates requirement for additional tails clamp
- All products are self-extinguishing
- Glands are vibration resistant
- Halogen free material
- Individually bagged

Insert Options

FLAT

TAILS
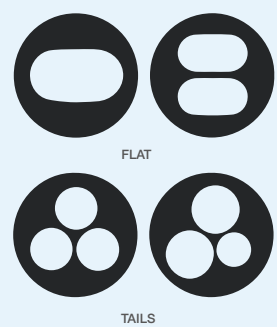
Product Code	Description	Inserts	Material	Cable Acceptance	Inner Carton
CPRGPF20S	Grey Plastic Gland Kit for 1-1.5mm flat cable c/w Flat Cable Insert, Locknut		Polyamide	1-1.5mm² Flat Cable	40
CPRGPF20	Grey Plastic Gland Kit for 2.5-4mm flat cable c/w Flat Cable Insert, Locknut		Polyamide	2.5-4mm² Flat Cable	40
CPRGPF252	Grey Plastic Gland Kit for 2 x 2.5mm flat cable c/w Flat Cable Insert, Locknut, Adaptor		Polyamide	2x2.5mm² Flat Cable	40
CPRGPF25	Grey Plastic Gland Kit for 6mm flat cable c/w Flat Cable Insert, Locknut, Adaptor		Polyamide	6mm² Flat Cable	40
CPRGPF32	Grey Plastic Gland Kit for 10-16mm flat cable c/w Flat Cable Insert, Locknut		Polyamide	10-16mm² Flat Cable	40
CPRGPT32	Grey Plastic Tails Kit. c/w Multiple Inserts, Locknut, Blanking insert		Polyamide	2x16mm² + 1x16mm²	40
CPRGPT40	Grey Plastic Tails Kit. c/w, Multiple Inserts, Locknut, Blanking insert		Polyamide	2x25mm² + 1x16mm²	40
CPRGPT40A	Grey Plastic Tails Kit. c/w Adaptor, Multiple Inserts, Locknut, Blanking insert		Polyamide	2x25mm² + 1x 16mm² + Adaptor	40
CPRGBF20S	Brass Gland Kit for 1-1.5mm flat cable c/w Flat Cable Insert, Locknut		Nickel Plated Brass	1-1.5mm² Flat Cable	40
CPRGBF20	Brass Gland Kit for 2.5-4mm flat cable c/w Flat Cable Insert, Locknut		Nickel Plated Brass	2.5-4mm² Flat Cable	40
CPRGBF252	Brass Gland Kit for 2 x 2.5mm flat cable c/w Flat Cable Insert, Locknut, Reducer		Nickel Plated Brass	2x2.5mm² Flat Cable	40
CPRGBF25	Brass Gland Kit for 6mm flat cable c/w Flat Cable Insert, Locknut, Reducer		Nickel Plated Brass	6mm² Flat Cable	30
CPRGBF32	Brass Gland Kit for 10-16mm flat cable c/w Flat Cable Insert, Locknut		Nickel Plated Brass	10-16mm² Flat Cable	30
CPRGBT32	Brass Tails Kit. c/w Multiple Inserts, Locknut, Blanking insert		Nickel Plated Brass	2x16mm² + 1x16mm²	40
CPRGBT40	Brass Tails Kit. c/w, Multiple Inserts, Locknut, Blanking insert		Nickel Plated Brass	2x25mm² + 1x16mm²	40
CPRGBT40A	Brass Tails Kit. c/w Adaptor, Multiple Inserts, Locknut, Blanking insert		Nickel Plated Brass	2x25mm² + 1x 16mm² + Adaptor	40
CPRGMGR	10x M20, 3 x M32 Semi Blind Grommets	-	TPE, Flame Retardant	1 – 25mm²	10

Devices

SPD

Type 2 Surge Protection Device

Designed to limit transient overvoltage's, diverting the surge current to earth, limiting potential damage to any connected electrical equipment and electrical wiring.

Suitable For:

- Ensuring longevity of home appliances, entertainment systems, and smart home devices
- Protecting sensitive electronic equipment, IT networks, server rooms, and security systems
- Protects the internal/external wiring infrastructure of the building
- Reduces the risk of electric shock hazards due to overvoltages

AFDD

Arc Fault Detection Device

A combined AFDD and RCBO which is extremely effective against fires which may be caused by electrical arcing faults, and with the addition of overload/short circuit & earth leakage protection of an electrical circuit.

Suitable For:

- Older homes, loft conversions, and concealed wiring installations
- Hotels, hospitals, schools, and care homes where fire prevention is critical
- Timber-structured buildings, like Log cabins, heritage sites, and wooden-framed buildings where fire risks are higher
- Mandatory for
  1: Higher risk residential buildings (HRRB)
  2: Houses in Multiple Occupation (HMO)
  3: Purpose built student accommodation
  4: Care homes

RCBO

Residual Current Circuit Breaker with Overcurrent Protection

A combined MCB and RCD offering overload/short circuit & earth leakage protection of an electrical circuit. Available in unidirectional and bidirectional format.

Suitable For:

- Dedicated protection for circuits like kitchen appliances, EV chargers, and bathroom circuits
- Offices, retail spaces, and workshops where fault isolation per circuit is important

RCD

Residual Current Device

A lifesaving device to prevent fatal electric shocks by monitoring the current flowing through one or more electrical circuits.

Suitable For:

- General protection for multiple circuits in homes
- Power sockets for gardens, outdoor lighting, and hot tubs
- Available in Type A & B Types

MCB

Miniature Circuit Breaker

A small trip switch operated by overload/short circuit of an electrical circuit.

Suitable For:

- Protecting lighting, socket outlets, and appliance circuits in residential homes
- Ensuring stable power distribution in offices, restaurants, and shops

Main Switch

100A

A switch for the safe isolation of the incoming supply to the consumer unit and it's electrical circuits.

Suitable For:

- Enabling complete power isolation in homes during maintenance or emergencies
- Can be used for safe isolation of specific single-phase circuits up to 100A

Main Switch – Isolator

- Double Pole
- Bidirectional
- BS7671
- Positive contact status indicator
- Device capable of being locked in 'off' position using a device lock

BIDIRECTIONAL

Product Code	Description	Rating	Modules
CUSW100	Double Pole 100A Main Switch	100A	2

MCB's

- Available in B & C curves
- Bidirectional
- BS7671
- Single Pole
- 6kA
- Positive contact status indicator
- Device capable of being locked in 'off' position using a device lock

BIDIRECTIONAL

Type	Tripping Current
B Curve	3-5 times the full load current
C Curve	5-10 times the full load current

B Curve	C Curve	Description	Rating	Modules
CUMB6	CUMC6	MCB Bidirectional	6A	1
CUMB10	CUMC10	MCB Bidirectional	10A	1
CUMB16	CUMC16	MCB Bidirectional	16A	1
CUMB20	CUMC20	MCB Bidirectional	20A	1
CUMB32	CUMC32	MCB Bidirectional	32A	1
CUMB40	CUMC40	MCB Bidirectional	40A	1
CUMB45	-	MCB Bidirectional	45A	1
CUMB50	-	MCB Bidirectional	50A	1
CUMB55	-	MCB Bidirectional	55A	1

AFDD's - Combined RCBO Type A

- Available in B curve
- Unidirectional
- BS7671
- Single module
- 30mA
- 6kA
- Positive contact status indicator
- Device capable of being locked in 'off' position using a device lock

TYPE A UNIDIRECTIONAL

Double Pole Type A 30mA

B Curve	Description	Rating	Modules
CURAFDB6A	AFDD Unidirectional	6A	1
CURAFDB10A	AFDD Unidirectional	10A	1
CURAFDB16A	AFDD Unidirectional	16A	1
CURAFDB20A	AFDD Unidirectional	20A	1
CURAFDB32A	AFDD Unidirectional	32A	1
CURAFDB40A	AFDD Unidirectional	40A	1

RCBO's

Single Pole Type A 30mA

- Available in B & C curves
- Unidirectional
- BS7671
- Single module
- 30mA
- 6kA
- Positive contact status indicator
- Device capable of being locked in 'off' position using a device lock

TYPE A UNIDIRECTIONAL

B Curve	C Curve	Description	Rating	Modules
CUCRB6A	CUCRC6A	Compact RCBO Unidirectional	6A	1
CUCRB10A	CUCRC10A	Compact RCBO Unidirectional	10A	1
CUCRB16A	CUCRC16A	Compact RCBO Unidirectional	16A	1
CUCRB20A	CUCRC20A	Compact RCBO Unidirectional	20A	1
CUCRB32A	CUCRC32A	Compact RCBO Unidirectional	32A	1
CUCRB40A	CUCRC40A	Compact RCBO Unidirectional	40A	1
CURB45A	-	Tall body RCBO Unidirectional	45A	1
CURB50A	-	Tall body RCBO Unidirectional	50A	1
CURB55A	-	Tall body RCBO Unidirectional	55A	1

Double Pole Type A 30mA

- Available in B & C curves
- Bidirectional
- BS7671
- Single module
- 30mA
- 6kA
- Positive contact status indicator
- Device capable of being locked in 'off' position using a device lock

TYPE A BIDIRECTIONAL

B Curve	C Curve	Description	Rating	Modules
CUCRB6DPA	CUCRC6DPA	Compact RCBO Bidirectional	6A	1
CUCRB10DPA	CUCRC10DPA	Compact RCBO Bidirectional	10A	1
CUCRB16DPA	CUCRC16DPA	Compact RCBO Bidirectional	16A	1
CUCRB20DPA	CUCRC20DPA	Compact RCBO Bidirectional	20A	1
CUCRB25DPA	CUCRC25DPA	Compact RCBO Bidirectional	25A	1
CUCRB32DPA	CUCRC32DPA	Compact RCBO Bidirectional	32A	1
CUCRB40DPA	CUCRC40DPA	Compact RCBO Bidirectional	40A	1

Double Pole Type F 30mA

- Bidirectional
- BS7671
- Two module
- 30mA
- 6kA
- Positive contact status indicator
- Device capable of being locked in 'off' positionusing a device lock

TYPE F BIDIRECTIONAL
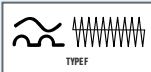
C Curve	Description	Rating	Modules
CUCRC16F	Compact RCBO Bidirectional	16A	2
CUCRC20F	Compact RCBO Bidirectional	20A	2
CUCRC25F	Compact RCBO Bidirectional	25A	2
CUCRC32F	Compact RCBO Bidirectional	32A	2
CUCRC40F	Compact RCBO Bidirectional	40A	2

RCBO Types

Type A: Ensures tripping for residual AC currents and pulsating DC currents. Where loads produce DC currents such as electric vehicle chargers and washing machines.

Type F: Ensures tripping for residual AC currents and pulsating DC currents for frequency controlled appliances and equipment, such as washing machines, tumble driers with synchronous motors, dishwashers and air conditioning controllers with variable speed drives.

CIRCUIT PROTECTION

BRITISH BG GENERAL

For more information scan QR code

PV
Safe Integration

Designed for **Solar Success**

With the rising demand for solar energy, **BG Electrical** is at the forefront, offering circuit protection to support the seamless integration of **Photovoltaic (PV) Systems** into residential electrical setups. Our **BG Circuit Protection** devices and enclosures ensure safe, compliant, and efficient integration of both grid-supplied and solar-generated power, making them an ideal choice for solar PV projects of any scale.

Whether it's for a new installation or an upgrade, BG Electricals' solutions empower contractors to handle PV-generated electricity efficiently, ensuring regulatory compliance.

18TH EDITION AMD3 BS7671

10 YEARS GUARANTEE

RCD's

Double Pole Type A 30mA

- Bidirectional
- BS7671
- Two module
- 30mA
- 6kA
- Positive contact status indicator
- Device capable of being locked in 'off' position using a device lock

TYPE A   BIDIRECTIONAL

Product Code	Description	Rating	Modules
CUR4030A	Compact RCD Bidirectional	40A	2
CUR6330A	Compact RCD Bidirectional	63A	2
CUR8030A	Compact RCD Bidirectional	80A	2
CUR10030A	Compact RCD Bidirectional	100A	2

Double Pole Type A 100mA

- Bidirectional
- BS7671
- Two module
- 100mA
- 6kA
- Positive contact status indicator
- Device capable of being locked in 'off' position using a device lock

TYPE A   BIDIRECTIONAL

Product Code	Description	Rating	Modules
CUR10100A	Compact RCD Bidirectional	100A	2
CUR100100TDA	Compact RCD Bidirectional, time delayed	100A	2

Double Pole Type B 30mA
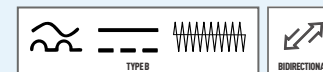
TYPE B   BIDIRECTIONAL

- Bidirectional
- BS7671
- Two module
- 30mA
- 6kA
- Positive contact status indicator
- Device capable of being locked in 'off' position using a device lock

Product Code	Description	Rating	Modules
CUR6330BN	Compact RCD Bidirectional	63A	2

RCD Types

Type A: Ensures tripping for residual AC currents and pulsating DC currents. Where loads produce DC currents such as electric vehicle chargers and washing machines, and where current has the ability to flow in two directions through the device.

Type B: Ensures tripping for residual AC currents, pulsating DC and smooth residual DC currents, suitable for PV application, inverters and Electric vehicle charging equipment with smooth DC greater than 6mA, and where current has the ability to flow in two directions through the device.

Control Devices

- Wide range of additional control devices for installation into a consumer unit or enclosure

Product Code	Description	Modules
CUC20	Contactor 20A, Double pole, AC coil	1
CUC40	Contactor 40A, Double pole , AC coil	2
CUB1	Bell transformer, 240V AC to 24,12,8V AC	2
CUTS1	Time delay switch 1 - 20mins delay	2
CUTS5	Analogue 24 Hr timer	2
CUTS10	Digital timer, 7 day, 1 channel	2
CUTS11	Digital timer, 7 day, 2 channel	2
MID100A	MID meter, 100A, direct connection (no CT)	1

Type 2 – Surge Protection Device

• Single module
• 40kA max discharge L-N, N-PE
• 20kA nominal discharge current   L-N, N-PE

Product Code	Description	Rating	Modules
CUSPDT21N	Type 2 SPD	40kA	1
CUA30	SPD wiring kit with SPD and required wiring	40kA	1

luceco ACADEMY
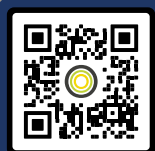
For more information
scan QR code

SURGE **PROTECTION**

TRAINING AND CPD COURSE

In this CPD module, we will see what we need to protect against, the circumstances requiring protection and how we can achieve that protection.

While surge protection has long been part of BS7671, the advent of the 18th Edition made it a much more stringent and far-reaching requirement. In this CPD module, we will see what we need to protect against, the circumstances requiring protection, and how we can achieve that protection.

www.luceco-academy.com

BRITISH BG GENERAL

BIDIRECTIONAL DOUBLE POLE RCBO DEVICES

THE FUTURE OF CIRCUIT PROTECTION

Ensure safer and more reliable installations with our BS7671 compliant bidirectional devices. Bidirectional devices allow EV, PV, and battery storage circuits to both feed in and draw current from the protection device. This is with no compromise to the operation or protection level.

You therefore can have confidence when installing, knowing you are safeguarding the installation and the customer's home.

18th Edition Amendment 3 Compliance

Our advanced RCBO devices ensure safe, bidirectional flow for EV, PV, and battery storage systems.

Confidence in Installation

18th Edition BS7671 compliant devices, with clear terminal labelling for easy identification.

Sustainable and Dependable

Future-ready solutions, offering dependable performance, backed by a 10-year guarantee for peace of mind.

| RCD TYPE A | RCD RATING 30mA | DOUBLE POLE PROTECTION | BIDIRECTIONAL |

18TH EDITION

AMD 3

www.**bgelectrical**.uk

Devices

Surge Protection

Surge protection safeguards electrical systems from transient over voltages caused by indirect light strikes. Protection is essential when over voltages could result in:

• Serious injury or loss of life

• Significant financial or data loss

Mandated by the 18th Edition (BS 7671) IET Wiring Regulations from 26th September 2022, surge protection applies to all new installations, additions, and circuit alterations in the UK. Typically housed within the consumer unit, it prevents over voltages from spreading across installations and circuits, protecting connected devices. British General's Consumer Units come with built-in Type 2 Surge Protection for optimal safety.

Arc Fault Detection Devices (AFDDs)

AFDDs protect against electrical fires by detecting arc faults within circuits. By analysing the circuit's waveform and identifying abnormal patterns, the device disconnects power to the affected circuit, preventing fire risks.

As required by the 18th Edition of the IET Wiring Regulations (BS 7671) from 28th September 2022, AFDDs are mandatory for socket outlet circuits (up to 32A) in:

• High-risk residential buildings

• Care homes

• Houses in multiple occupation

• Purpose-built student accommodation

Alternative to Standard circuit protection devices when additional Arc Fault Protection may be required.

Advanced electronics allow these devices to be more sensitive to arcs than conventional circuit protective devices. British General AFDDs are engineered to provide three key functions:

Overcurrent protection

Residual current protection (30mA)

Continuous detection monitoring of the circuits load waveform for anomalies that would signify an arc fault within the circuit or load.

Type A Residual Current Devices (RCDs)

To prevent unwanted tripping, the 18th Edition (BS 7671) Section 531.3.2 outlines key requirements for selecting and installing RCDs:

Circuit Subdivision: Circuits should be subdivided and paired with individual RCDs to prevent unwanted tripping caused by normal earth leakage currents during load operation. (Refer to Section 314)

RCBOs for Individual Circuits: RCBOs are recommended for individual final circuits in residential installations. (Refer to Section 314)

Limiting Earth Leakage Accumulation: Downstream earth leakage or protective conductor currents should not exceed 30% of the RCD's rated residual current to minimize nuisance tripping.

Effective from 28th September 2022, this regulation ensures that RCD selection limits unnecessary power disruptions.

Type A Devices vs. Type AC Devices

Section 531.3.3 specifies that Type AC RCDs should only be used with fixed equipment where no DC components are present in the load current, such as electric heaters or filament lighting without electronic components.

For equipment containing electronic DC components, Type A RCDs or RCBOs should be used instead, as they are designed to handle both AC and DC residual currents for more comprehensive protection.

Type B Residual Current Devices (RCDs)

Type B RCDs provide advanced residual current detection, making them ideal for:

• Electric vehicle charging

• Photovoltaic installations

• Inverter-driven heat pumps

• Equipment with electronic DC components

These devices can detect AC currents up to 1,000 Hz, rectified AC, pure DC, and pulsating DC, ensuring comprehensive protection for modern installations.

Type F RCBO's
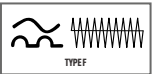
Type F RCBOs provide advanced residual current detection for frequency controlled appliances and equipment making them ideal for:

• Air conditioning controllers

• Dishwashers and tumble dryers with synchronous motors

• Type F is also suitable for Type AC and Type A applications

Pollution Degree 3

This is an approval rating given when testing has been performed on devices or electrical items. It ensures that both conductive pollution or dry non-conductive pollution does not become conductive when natural condensation is present.

Natural condensation can occur when an enclosure containing electrical devices/products is installed externally or in more harsh conditions than an internal application and could potentially be exposed to lower or higher ambient temperatures which could generate natural condensation which may harm the internal electrical components inside the enclosure.

BG Devices are tested to pollution degree 3 and also temperature tested to -25°C to + 40°C.

Changes in the standard

A clear definition of what type of circuit protection devices: **Bidirectional** (2-way power direction that is clearly marked accordingly). **Unidirectional** (1-way power direction that is clearly marked accordingly). To be considered for Installations with EV and PV battery storage, so it is important installers have devices to suit these applications.

Effective from 31st July 2024

Rotary Isolators

AC Rotary Isolators

• Plastic construction
• IP65
• Red/Yellow padlockable handle
• Earth terminals included
• Easy cable access via M20 knockouts (top and bottom)
• Captive retained cover screws
• Switch interlocked with lid to prevent opening in ON position
• Manufactured and tested BS EN 60947-3

2 Pole	4 Pole	Description
-	CPRSD416	16A Rotary Isolator IP65
CPRSD220	CPRSD420	20A Rotary Isolator IP65
-	CPRSD425	25A Rotary Isolator IP65
CPRSD232	CPRSD432	32A Rotary Isolator IP65
CPRSD240	CPRSD440	40A Rotary Isolator IP65
CPRSD263	CPRSD463	63A Rotary Isolator IP65
-	CPRSD4100	100A Rotary Isolator IP65

16A/20A/25A — 125 — 100 — D: 85

32A/40A/63A — 175 — 114 — D: 100

100A — 240 — 160 — D: 120
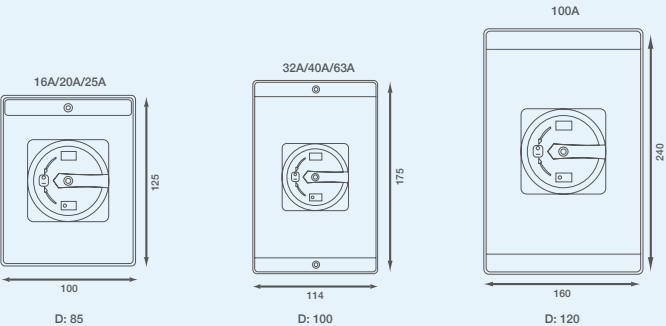
DC Rotary Isolators

• Plastic construction
• IP66
• Black padlockable handle
• -25°C to + 85° operating temperature
• Isolation of 1 or 2 PV strings
• Easy cable access via 12mm to 25mm knockouts (top and bottom)
• Switch interlocked with lid to prevent opening in ON position
• Captive and retained cover screws
• Designed as an one size enclosure; 4P (4P connected as 2P jumper links are included)
• Manufactured and tested IEC 60947-3

4 Pole	Description
CPDC425	25A Rotary Isolator IP66
CPDC432	32A Rotary Isolator IP66

25A/32A — 180 — 98 — D: 115
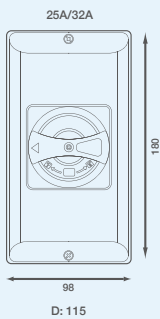
SYNC® energy

Charged up sustainability every day

www.sync.energy

Why choose Sync Energy?

With over 80 years experience in the electrical industry, Sync Energy (part of the Luceco PLC Group) inspires confidence and trust.

Our range of EV charging products for home, commercial or fleet operator are smart, powerful and safe, packed full of technology to future proof your investment.

IN THE RANGE

3 YEARS GUARANTEE **5 YEARS GUARANTEE**

Sync Energy products are guaranteed against faulty materials for a period of 3 or 5 years from date of delivery.

Smart

We optimise EV charging for the cheapest, greenest energy possible.

Track usage and costs all within our free & easy to use partner app.

Safe

Built-in RCD and Open PEN protection.

No need for complex and expensive earth-rod installations, and our safety

RCD protection ensures peace of mind against electrical shocks or short circuits.

Reliable

Covered by a 3 to 5 year warranty as standard, telephone & online technical support, and guaranteed compatibility with all EV makes and models.

Fully compliant with the latest Electric Vehicles (Smart Charge Points) Regulations.

Compatible with all electric and hybrid plug-in vehicles

Audi · BMW · Chevrolet · Citroën · Ford · Hyundai · Jaguar · Kia · Mitsubishi · NIO · Nissan · Peugeot · Koenigsegg · Land Rover · Mercedes · Mini · Renault · Rimac · Rivian · smart · Tesla · Volkswagen · Volvo

Sync Energy App

Included at no additional cost, Sync Energy lets you tailor your EV Smart Charging needs. Have full control over your charge-point; deciding who can use it, when and at what cost.

DOWNLOAD THE FREE APP

App Store · Google Play

Smart Charging
Set your charge-point to start charging when the energy is greenest or the cost is lowest – save money and CO_2

Tariff Sense
Our premium energy management feature. Tariff Sense connects to any UK tariff, giving real-time insights and control over charging costs.

Auto Solar Charging
Dynamically charge your car from your excess solar power generation, with easy set up and no additional cost

Charger customisation
Customize your charge-point settings to suit your needs; choose who can access your charge-point, when & at what cost.

Commercial Charging & Back Office

Sync Energy Commercial Chargers are powered by Monta and fully compatible with OCPP 1.6J, offering seamless integration with a variety of apps and back-office systems for maximum flexibility and control.

Commercial Charging Features

Packed with superior user features to provide a seamless charging experience for end-users and ease of management:

Schedules
Manage charge point accessibility and tariffs with flexible scheduling.

InstaCharge
Enable seamless payment with QR codes for a streamlined experience.

Sponsored Charging
Reimburse employees for home charging with integrated solutions.

Share & Monetise
Easily manage who can access your charger and set pricing.

Reservation
Allow users to pre-book charging slots with deposit payments.

RFID Charge Keys
Simplify charging with pre-configured RFID-enabled keys or other compatible RFID cards such as door entry systems, for easy tap-and-charge access.

Multi-Tariffs
Set up unlimited tariff and user groups for tailored charging options.

SmartQueue
Implement a virtual queuing system to ensure efficient usage.

Comprehensive Management

Ongoing management of a Sync Energy Commercial Charging infrastructure is designed to be comprehensive and easy to use:

Team Dashboard
Monitor and manage all your charge points and data across multiple sites all from a central dashboard.

Flexible Access
Allowing time of day control over your chargers enables you to lock off chargers to specific user groups during the day and open to public at night.

Payment Options
Flexible payment solutions for both owners and users, including itemised invoicing and various transaction methods.

Multi-Tariff
Set multiple tariffs per charge point depending on the user, meaning situations such as Visitors, Staff and General Public can all be set to pay different rates.

Socketed Mode 2 Chargers

- Wi-Fi & Ethernet as standard, with options for 4G and RFID
- Type 2 connection
- Single phase 7.4kW and three phase 22kW models
- Interchangeable front fascia, change the shade or colour!
- Suitable for residential and commercial use
- Two base and rear entry points for ease of install
- Full smart functionality and OCPP 1.6J connectivity
- No earth rod required – integrated open PEN conductor protection
- Type A RCD (30mA AC + 6mA DC)
- Integrated Class C power meter, with option for external MID meter
- Compatible with EV stands from Sync Energy and EV tower
  with Sync Energy mounting plate

| IP65 RATING | IK10 RATING | TYPE 2 | 3 YEAR WARRANTY |

SINGLE PHASE 7.4kW

Product Code	Type
EVWC2S7G	Wi-Fi + Ethernet (incl. CT clamp)
EVWC2S7GG	Wi-Fi + Ethernet + 4G* (incl. CT clamp)
EVWC2S7GGR	Wi-Fi + Ethernet + 4G*+ RFID (incl. CT clamp)

*4G data period is for 3 years, see our website for more information

Tethered Mode 2 Chargers

- Wi-Fi & ethernet as standard, with options for 4G and RFID
- Tethered Type 2 connection with 7.5m of cable
- Single phase 7.4kW
- Interchangeable front fascia, change the shade or colour!
- Suitable for residential and commercial use
- Two base and rear entry points for ease of install
- Full smart functionality and OCPP 1.6J connectivity
- No earth rod required – integrated open PEN conductor protection
- Type A RCD (30mA AC + 6mA DC)
- Integrated Class C power meter, with option for external MID meter
- Compatible with EV Stands from Sync Energy and EV tower
  with Sync Energy mounting plate

| IP65 RATING | IK10 RATING | TYPE 2 | 3 YEAR WARRANTY |

SINGLE PHASE 7.4kW

Product Code	Type
EVWC2T7G	Wi-Fi + Ethernet, 7.5m cable (incl. CT clamp)
EVWC2T7GG	Wi-Fi + Ethernet + 4G*, 7.5m cable (incl. CT clamp)

*4G data period is for 3 years, see our website for more information

Wall Charger 2 coloured front covers

- Choose from a range of 9 colours
- Easy to fit DIY swap
- Universal fit for socketed or tethered wall charger 2 chargers

Product Code	Description
EVWC2TPTW	Traffic white
EVWC2TPSG	Signal grey
EVWC2TPSY	Sandstone yellow
EVWC2TPSR	Signal red
EVWC2TPJB	Jet black
EVWC2TPBG	Blue grey
EVWC2TPDB	Deep blue
EVWC2TPRG	Racing green
EVWC2TMMS	High impact metal

EV stands and barrier

- EV Stands available as single or twin, suitable for Wall Charger 1 and 2
  - 3mm galvanised steel, finished in RAL 7016 anthracite grey
  - 1210 (H) X 100 (W) X 50 (D)mm
- EV 'H' style crash barriers finished in 306 stainless steel
  - 500 (H) x 498 (W)mm

Product Code	Description
EVACBHSS	Crash barrier
EVASTAND12S	Charger stand – single
EVASTAND12T	Charger stand – twin

EVACBHSS   **EVASTAND12S   EVASTAND12T**

Load Balancing

Engineered to integrate with existing building wiring without disruption or downtime and support up to 16 chargers. Balancer dynamically monitors available power and communicates with connected chargers to ensure each receives equal power, allowing for easy expansion with additional chargers in the future without exceeding the building's safe power limits.

| SCALABLE DESIGN | EFFICIENT POWER USE | RELIABLE CHARGING | NO SUBSCRIPTION | 3 YEAR WARRANTY |

Product Code	Description
EVAB1ETP400	Three phase up to 400A
EVAB1ESP120	Single phase up to 120A
EVAB1D	Balancer only for existing DIN rail mounting

LINK

Our Smallest EV Charger

Ultra-Slim, Discreet Design
At just 37mm when recessed, Link gives you a clean, architectural finish without compromise on function or performance.

Retrofit-table & Easy to install
Whether surface-mounted or recessed, Link is designed to be easy to install. Retrofit-ready with no specialist tools needed.

Advanced protection as standard
With integrated SPD, 40A MCB and Type A RCD, Link meets the highest safety standards, with no need for extra upstream devices.

Versatile Mounting Options
Choose between recessed or surface-mounted to fit your project's needs.

Smart Control
Easily manage charging via the Sync Energy app with OCPP 1.6J connectivity.

Link Charger Recessed

- Ultra-Slim 37mm profile
- 7.4kW type 2 socketed output
- Patented design for compact socket outlet and separated control box
- Suitable for new build properties or retrofit
- Easy to install
- Integrated open PEN conductor protection, no earth rod required
- Remote monitoring and control via Sync Energy app
- OCPP 1.6J connectivity, free lifetime over-the-air updates
- Auto solar charge
- Tariff sense energy management feature
- Models available with
- Wi-Fi/LAN/4G+RFID
- IP65 rated for outdoor use
- IK10 rated
- 3 year warranty

| IP65 RATING | IK10 RATING | TYPE 2 | 3 WARRANTY |

Product Code	Type
EVLR7MS	7.4kw silver with metal control box and Wi-Fi connection
EVLR7MSG	7.4kw silver with metal control box and Wi-Fi + 4G connection

Link Charger Surface

- Ultra-Slim 37mm profile
- 7.4kW type 2 socketed output
- Patented design for compact socket outlet and separated control box
- Suitable for new build properties or retrofit
- Easy to install
- Integrated open PEN conductor protection, no earth rod required
- Remote monitoring and control via Sync Energy app
- OCPP 1.6J connectivity, free lifetime over-the-air updates
- Auto solar charge
- Tariff sense energy management feature
- Models available with
- Wi-Fi/LAN/4G+RFID
- IP65 rated for outdoor use
- IK10 rated
- 3 year warranty

| IP65 RATING | IK10 RATING | TYPE 2 | 3 WARRANTY |

Product Code	Type
EVLS7MS	7.4kw silver with metal control box and Wi-Fi connection
EVLS7MSG	7.4kw silver with metal control box and Wi-Fi + 4G connection

sync energy | FLOW

Home Energy Management

From Hybrid Inverters and Battery Storage to Solar Power Diverters and EV Chargers, every solution has been thoughtfully engineered to be easy to install, intuitive to use, and seamlessly connected through the Sync Energy App, the only platform you'll need for total home energy management.

All in One Systems

- All in one stackable design: Hybrid inverter and battery storage
- Scalable, modular battery storage up to 35.84kW
- PV ready, solar systems can be added at any time
- Integrated fire suppression, for safety and peace of mind
- Integrated heating below 5°C
- Integrated AC and DC surge protection

| IP65 RATING | IK10 RATING | HEATING CONTROL | 10 YEAR WARRANTY |

Product Code	Type
SEF1A36G1	Sync Energy Flow All In One 3.6kw + 1 Battery
SEF1A60G1	Sync Energy Flow All In One 6kw + 1 Battery
SEF1A36G2	Sync Energy Flow All In One 3.6kw + 2 Batteries
SEF1A60G2	Sync Energy Flow All In One 6kw + 2 Batteries
SEF1A36G3	Sync Energy Flow All In One 3.6kw + 3 Batteries
SEF1A60G3	Sync Energy Flow All In One 6kw + 3 Batteries

Modular Battery Storage

- Easy to use stackable design
- Scalable, modular battery storage up to 35.84kW
- Integrated fire suppression, for safety and peace of mind
- Remote monitoring and control via Sync Energy app
- LiFePo4 batteries, with 90% depth of discharge
- Integrated heating system for charging below 5°C

| IP65 RATING | IK10 RATING | HEATING CONTROL | 10 YEAR WARRANTY |

Product Code	Type
SEFB512G1	1 Battery 5.1kW
SEFB512G2	2 Batteries 10.2kW
SEFB512G3	3 Batteries 15.4kW
SEFB512G4	4 Batteries 20.5kW

Hybrid Inverters

- Stackable or wall mountable design
- PV ready, solar systems can be added at any time
- Integrated AC and DC surge protection
- 150% PV oversupply capability
- Remote monitoring & control via Sync Energy app
- Integrated PV Isolation, DC Battery and AC MCBs

| 220-240V~ 50-60HZ | 2X OUTPUT | HEATING CONTROL | 3 YEAR WARRANTY |

Product Code	Type
SEFHI36G	Hybrid Inverter 3.6kW
SEFHI60G	Hybrid Inverter 6kW

Solar Power Diverter

- 16Amp twin output
- Allows you to boost, schedule and set time limits
- Easily set preference for hot water, battery or EV charger
- Remote monitoring and control via Sync Energy app
- True AC wave power control, adjustable power control
- Compatible with PT100 Temperature probes for target temperature control

| 220-240V~ 50-60HZ | 2X OUTPUT | HEATING CONTROL | 3 YEAR WARRANTY |

Product Code	Type
SEFSW	Solar Power Diverter

Pro Charger Twin Socket Bollard Floor-Mounted

- Twin Type 2 socket outlets
- Backlit intuitive colour touchscreen
- On screen & RGB LED charge status indicator
- IP65 and IK10* rated durable die-cast aluminium and galvanised steel construction
- Supports Monta QR code, RFID, plug & charge, and payment terminal charging
- Built-in 4G connectivity, MCB and MID meters as standard
- PAS 1899 compliant design, ensuring accessible charging
- 5-year on-site warranty
- Three phase with 1x22kW or 2x11kW max output
- Single phase with 2x7.4kW max output
- Available with integrated LED amenity light**
- Contactless card terminal option for easy tap and go payments
- Dimensions:
  - Floor-Mounted no light: 1300 (H) x 263 (W) x 263 (D)
  - Floor-Mounted with light: 1422 (H) x 265 (W) x 265 (D)

*IK10 body, IK08 screen
**Lighting design files available on request

TWIN BOLLARD WITH LIGHT

Product Code	Type
EVPCFSM211LBGRP	Three phase + payment terminal
EVPCFSM211LBGR	Three phase
EVPCFSM27LBGRP	Single phase + payment terminal
EVPCFSM27LBGR	Single phase

TWIN BOLLARD

Product Code	Type
EVPCFSM211NBGRP	Three phase + payment terminal
EVPCFSM211NBGR	Three phase
EVPCFSM27NBGRP	Single phase + payment terminal
EVPCFSM27NBGR	Single phase

Pro Charger Twin Socket Wall-Mounted

- Twin Type 2 socket outlets backlit intuitive colour touchscreen
- On screen & RGB LED charge status indicator
- IP65 and IK10* rated durable stainless steel and UV resistant polycarbonate construction
- Supports Monta QR code, RFID, plug & charge and payment terminal charging
- Built-in 4G connectivity, MCB and MID meters as standard
- PAS 1899 compliant design, ensuring accessible charging
- 5-year on-site warranty
- Three phase with 1x22kW or 2x11kW max output
- Single phase with 2x7.4kW max output
- Contactless card terminal option for easy tap and go payments
- Dimensions:
  - Twin wall-mounted: 625 (H) x 333 (W) x 210 (D)

*IK10 body, IK08 screen

Product Code	Type
EVPCFSM211LBGRP	Three phase + payment terminal
EVPCFSM211LBGR	Three phase
EVPCFSM27LBGRP	Single phase + payment terminal
EVPCFSM27LBGR	Single phase

Wall Charger 2 Three Phase

- Single Type 2 socket outlet with auto-lock
- Dynamic charging – up to 22kW (32A)
- Interchangeable front fascia
- Designed for ease of installation with two base and one rear entry points
- Fully compliant with the latest electric vehicles (smart charge points) regulations
- Full smart functionality and OCPP 1.6J connectivity
- Compatible EVASTAND12S and EVASTAND12T EV stands, offering flexibility in installation options
- Dimensions: 305 (H) x 201 (W) x 115 (D)

IP55 RATING	IK10 RATING	TYPE 2	3 YEAR WARRANTY

Product Code	Type
EVWC2S22GGR	Single socketed – three phase

Portable EV Chargers

Perfect for travelling to destinations that only offer a standard 13A plug socket, suitable for all plug-in electric vehicles.

- Provides safe and intelligent portable EV charging for all plug-in electric vehicles
- Perfect for travelling to destinations that only offer a domestic (13A UK 3 pin) socket
- UK 3 pin plug to Type 2 EV plug
- Charges up-to 10A, 2.4kW – up-to 8 miles per charging hour
- 5 or 10 metres of high-performance cable
- IP65 rated (control box) – IP65 when connected to vehicle, IP55 when not in use and end-cap applied
- LED charging status indicator
- 3 year warranty

Product Code	Type	Length
EVCM22135	UK 3 Pin – Type 2	5m
EVCM221310	UK 3 Pin – Type 2	10m

EV Charging Cables

- Single-phase and three-phase mode 3 Type 2 to Type 2 charging cables
- Robust construction with connector guard caps/protectors
- Suitable for 16 and 32A sockets
- 7.4kW / 250V~ & 22KW / 480V~
- Weather-resistant IP65 when connected to vehicle. IP55 when not in use and end caps applied
- High specification, UV stable cable
- Meets EN 50620, IEC 62196-2 standards
- 3 year warranty

Product Code	Type	Length
EVC22325SL	Type 2 – Type 2	5m
EVC22328SL	Type 2 – Type 2	8m
EVC223210SL	Type 2 – Type 2	10m
EVC22325TL	Type 2 – Type 2 3-phase	5m
EVC22328TL	Type 2 – Type 2 3-phase	8m

Cable Carry Case

- Keeps EV charging cables neat and tidy
- Lightweight and easy to carry
- Zipped opening with durable polyester construction
- Suitable for use with Type 1 and Type 2 mode 3 EV charge cables, and mode 2 charger cables
- 410mmØ
- 10kg weight capacity
- 1 Year manufacturer warranty

Product Code	Description
EVCASE	Cable carry case

EV Charger Circuit Protection

Designed specifically for use with EV vehicle chargers to allow for internal and external wiring applications and are 18th Edition Amendment 2 compliant.

- Quick and easy installation
- Type 2 SPD included
- IP rated protection
- 10 year warranty

External IP66

- Quick and easy installation
- Type 2 SPD included
- IP66 rated protection

Product Code	Description	Finish
CP5R4PS1G	IP66 External EV Circuit Protection, RCD & MCB	Grey
CP5MRDPS1G	IP66 External EV Circuit Protection, Main Switch & RCBO	Grey
CP5MPS1G	IP66 External EV Circuit Protection, Main Switch & MCB	Grey

IP66 RATING

Internal & External IP65

- Quick and easy installation
- Type 2 SPD included
- 5 Module, IP65 rated protection
- 20mm knockouts on all sides drillable to 32mm
- Available in White or Grey

Product Code	Description	Finish
CFEV5A	40A 30mA Type A RCD – 40A MCB	Grey
CFEV5AW	40A 30mA Type A RCD – 40A MCB	White
CFEV6	100A Main Switch – 40A MCB	Grey
CFEV6W	100A Main Switch – 40A MCB	White
CFEV5RDA	40A 30mA Type A RCBO Double Pole – 100A Main Switch	Grey
CFEV5RDAW	40A 30mA Type A RCBO Double Pole – 100A Main Switch	White

IP65 RATING

Internal IP20

• Metal construction, powder coated finish
• Type 2 SPD included
• 5-module enclosure

Product Code	Description	Finish
CFUEV5A	5 Mod – 40A 30mA Type A RCD – 40A MCB – Type 2 SPD	White
CFUEV6	5 Mod – 100A Main Switch – 40A MCB – Type 2 SPD	White
CFUEV5RDA	5 Mod – 40A 30mA Type A RCBO Double Pole – 100A Main Switch – Type 2 SPD	White

IP20 RATING

Bidirectional RCBO

• Provides compliance to BS7671
• 30mA
• 6kA
• Positive contact status indicator
• Device capable of being locked in 'off' position using a device lock

TYPE A

B Curve	C Curve	Rating	Modules
CUCRB6DPA	CUCRC6DPA	6A	1
CUCRB10DPA	CUCRC10DPA	10A	1
CUCRB16DPA	CUCRC16DPA	16A	1
CUCRB20DPA	CUCRC20DPA	20A	1
CUCRB25DPA	CUCRC25DPA	25A	1
CUCRB32DPA	CUCRC32DPA	32A	1
CUCRB40DPA	CUCRC40DPA	40A	1

TYPE F

C Curve	Rating	Modules
CUCRC16F	16A	2
CUCRC20F	20A	2
CUCRC25F	25A	2
CUCRC32F	32A	2
CUCRC40F	40A	2

Load Management Kit CT Clamp

• Designed to be installed with EV+2 core cable or EV Ultra Cables
• Wall Charger 1 & 2 compatible

Product Code	Description
EVA120CT1	Up to 35mm Double Insulated Cable
EVA400CT1	Up to 90mm Double Insulated Cable

PROCHARGER

Introducing the
Pro Charger range
from Sync Energy

Delivering advanced technology, ease of use, and reliable performance for all public and commercial environments.

As part of our evolution into Sync Energy, we're launching the Pro Charger range – expanding our energy-efficient solutions for public and commercial use.

Designed for ease of installation with intuitive touchscreens and flexible payment options for a seamless user experience and reliable performance.

sync® energy

Discover more at **www.sync.energy/commercial** or **scan the QR code**

www.masterplug.com

Masterplug
Portable Power

Masterplug is one of the most recognisable brands in the world and has been at the forefront of Portable Power for many decades.

With over 80 years of sales, distribution and manufacturing expertise, we fully understand our customers' requirements and as such we can offer tailor made solutions to our retail partners. These solutions combine high-quality market-leading products with low cost production to ensure our products not only meet the current market trends but exceed our consumers' expectations.

IN THE RANGE

Quality Assurance

As one of the world's leading manufacturers, our products are made to the highest possible quality standards. We consider our corporate social responsibility at each step to bring security and peace of mind.

Compliance Testing

Our on-site ISO9001 certified laboratory ensures that all our products are manufactured to the relevant internationally recognised quality standards. Ongoing mass production testing and pre-shipment inspections ensure our products leave our facilities in the best possible condition.

Product Development

Analysis of market trends combined with our global design teams gives us a unique position from which to drive our product categories. In-house production engineering, rapid tool making and on-site prototyping delivers timely and continuous product development and improvements to the market.

Responsive Supply

Our flexibility in production and raw material stock holding improves the manufacturing and delivery lead times to our partners. We have very flexible supply routes and can ship direct from our 100% wholly owned factory in China, or from our various global warehouses.

ELECTRIC VEHICLE CHARGING
DOMESTIC ELECTRIC VEHICLE CHARGING SOLUTION

Protected Outdoor Socket

EVH132S1SPA

- Protected outdoor socket to facilitate Mode 2 EV charging
- 2.3Kw charging via a UK 3-pin socket
- For use with Mode 2 EV Charging cables (UK 3-pin to Type 1 or Type 2)
- 16A, B-Type RCBO and A-Type RCD for added safety protection for prolonged charging
- Weather and dust proof to IP66 rating
- Additional space for fitting a surge protection device

M2 MODE 2

IP66 WEATHERPROOF

RCBO PROTECTION

UK 3 PIN CHARGING
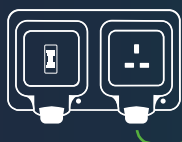
Mode 2 (AC): Domestic socket and cable with protection device

"ROAD TO ZERO" STRATEGY
EV Charging point suitable for planning requirement 106

Electric Vehicle Charging
Explanation

Mode 2 (AC)
Domestic socket and cable with protection device

Standard household socket-outlet with an in-cable protection device and a power level control.

Mode 3 (AC)
Specific socket on a dedicated circuit

EV socket-outlet and plug with control and protection function.

Mode 4 (DC)
Direct current (DC) connection for fast recharging

Direct current with power levels starting at 20 kW.

Plug Types

Type 1
Mainly Japanese and US vehicles

5 Pins with a latching connector

Type 2
Mainly European Vehicles

7 Pins with a locking pin whilst in use

Typical Charging Times

	Maximum Power Output from EVSE (Kilowatts)	Example Charging Time (Hrs, Mins)	Input Voltage (Volts)	Maximum Current (Amps)	Mode
AC	2.3kW	8hrs 20mins	230 1-phase AC	10	2
	7.4kW	3hrs 30mins	230 1-phase AC	32	3
DC	20kW	1hr	400 1-phase AC	200	4

MODE 3

MODE 4 DC FAST CHARGING STATION

MODE 2

Charging cable with in-cable control box

ON-BOARD CHARGER

DC DC

BATTERY

AC ELECTRICITY NETWORK
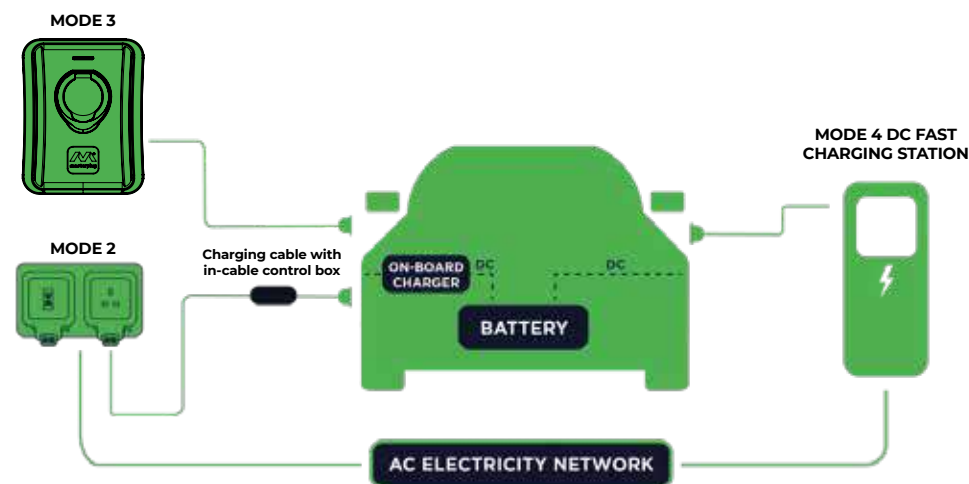
EV CHARGING ⚡

Mode 3 – EV Home Charger

• Smart Home Charging Convenience: Charge your Type 2 EV at home with ease
• Dynamic Charging Capability: Up to 7kW (32A)
• Smart Charging
• IP65 rated
• Integrated Solar: utilize excess solar power for charging
• Includes CT Clamp for Dynamic Load management
• Compatible with EV stands from Sync Energy
• Powered by Sync Energy App for easy tariff set up and schedules

(5m CABLE)

Cat No	Description	Colour	Carton Qty
EVCM3SS7B	7kW Mode 3 Charger - Type 2 socket	Black	4
EVCM3ST7B	7kW Mode 3 Charger - 5m Tethered	Black	3
EVCM3SS7W	7kW Mode 3 Charger - Type 2 socket	White	4
EVCM3ST7W	7kW Mode 3 Charger - 5m Tethered	White	3

Mode 2 – EV Charging Cables

• The Masterplug mode 2 charging cables provide safe and intelligent portable EV charging for all Electric Vehicles
• UK 3 Pin Plug to Type 1 or 2 EV plug
• IP66 rated
• Charges up to 10A, 2.3kW (8 miles range per charging hour)
• Angled Type 2 EV connector
• In-line power controller with built-in protection and LED LCD charging status screen

(3m CABLE) (5m CABLE) (8m CABLE) (10m CABLE) (15m CABLE)

Cat No	Description	Carton Qty
EVCM221003	3 Pin plug to type 3 metre	4
EVCM221005	3 Pin plug to type 2 - 5 metre	4
EVCM221008	3 Pin plug to type 8 metre	4
EVCM221010	3 Pin plug to type 2 - 10 metre	4
EVCM221015	3 Pin plug to type 15 metre	4

Mode 3 – EV Charging Cables

• The Masterplug mode 3 charging cables provide safe charging connections to Mode 3 power supplies
• Type 2 connection to Type 1 or 2 EV plug
• IP55 rated
• Charges up to 32A
• Singe phase cables rated to 7kW, ideal for home charging use
• Three phase cables are ideal for public chargers offering 3x fast charging, up to 22kW

(5m CABLE) (8m CABLE) (10m CABLE)
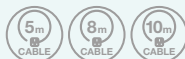
Cat No	Description	Carton Qty
EVC22325SL/CASE	5m Mode 3 7kW Charging Cable, Type to Type 2 - with Carry Case	4
EVC22325TL/CASE	5m Mode 3 22W Charging Cable, Type to Type 2 - with Carry Case	4
EVC22328SL/CASE	8m Mode 3 7kW Charging Cable, Type to Type 2 - with Carry Case	4
EVC22328TL/CASE	8m Mode 3 22W Charging Cable, Type to Type 2 - with Carry Case	4
EVC223210SL/CASE	10m Mode 3 7kW Charging Cable, Type to Type 2 - with Carry Case	2
EVC223210TL/CASE	10m Mode 3 22W Charging Cable, Type to Type 2 - with Carry Case	2

EV CHARGING ⚡

Weatherproof Outdoor Socket – Facilitates Mode 2 EV Charging

• 2.3kW charging via an UK 3-pin socket
• For use with Mode 2 EV charging cables (UK 3 pin to Type 1 or Type 2)
• 13A unswitched socket with localised safety protection during prolonged charging
• Water and dust protection to IP66, with covers for each compartment
• Gives 8 miles per charging hour
• Meets housebuilder EV specification
• Suitable for use as regular outdoor power socket

Cat No	Description	Carton Qty
EVH132S1SPA	13A socket with 16A DP A-Type RCBO	2

EV Charging Cables Carry Case

• A practical storage carry case for your electric vehicle charging cable.
• Keeps your EV cable clean and tidy when not in use.

Cat No	Description	Carton Qty
EVCASE	EV cable carry case	5

BASICS

BASICS

Providing power where you need it most, our basics range covers the essentials of indoor power

SATELLITE REELS

EXTENSION LEADS

TRAILING SOCKETS

PLUGS

ADAPTORS

ACCESSORIES

Single Socket Extension Lead

• One socket – allows you to extend the reach of your outlet
• Socket safety shutter – prevents the insertion of foreign objects
• Modern – rounded slimline appearance
• Trusted quality – manufactured and certified to BS1363-2
• Fitted with a 13A fused plug – maximum load 3120W, 240V AC

Cat No	Cable Length	Rating	Sockets	Colour	Carton Qty
BOG5-MP	5m	13A	1	White	10
BOG10-MP	10m	13A	1	White	20

Double Socket Extension Lead

• Two sockets – allows you to connect two items safely into one outlet
• Socket safety shutters – prevents the insertion of foreign objects
• Modern – rounded slimline appearance
• Trusted quality – manufactured and certified to BS1363-2
• Fitted with a 13A fused plug – maximum load 3120W, 240V AC

BTN10N-MP
with an indicator

Cat No	Cable Length	Rating	Sockets	Colour	Carton Qty
BTG5N-MP	5m	13A	2	White	8
BTN10N-MP'	10m	13A	2	White	10

'BTN10N-MP is with an indicator

Four Socket Extension Lead

• Four sockets – allows you to connect four items safely into one outlet
• Socket safety shutters – prevents the insertion of foreign objects
• Modern – rounded slimline appearance
• Wall-fixing capability – for an 'off the floor' neat and tidy solution
• Trusted quality – manufactured and certified to BS1363-2
• Fitted with a 13A fused plug – maximum load 3120W, 240V AC

Cat No	Cable Length	Rating	Sockets	Colour	Carton Qty
BFG110N-MP	1m	13A	4	White	25
BFG210N-MP	2m	13A	4	White	20
BFG210NB-MP	2m	13A	4	Black	20
BFG3N-MP	3m	13A	4	White	20
BFG5N-MP	5m	13A	4	White	10
BFG5NB-MP	5m	13A	4	Black	10

® masterplug

BASICS

® masterplug

BASICS

Six Socket Extension Lead

• Six sockets – allows you to connect six items safely into one outlet
• Socket safety shutters – prevents the insertion of foreign objects
• Modern – rounded slimline appearance
• Wall-fixing capability – for an 'off the floor' neat and tidy solution
• Trusted quality – manufactured and certified to BS1363-2
• Fitted with a 13A fused plug – maximum load 3120W, 240V AC
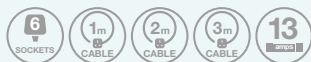
Cat No	Cable Length	Rating	Sockets	Colour	Carton Qty
BSG110N-MP	1m	13A	6	White	20
BSG210N-MP	2m	13A	6	White	20
BSG210NB-MP	2m	13A	6	Black	20
BSG3N-MP	3m	13A	6	White	15

Eight Socket Extension Lead

• Eight sockets – allows you to connect eight items safely into one outlet
• Socket safety shutters – prevents the insertion of foreign objects
• Power indicator – shows that power is connected and the socket is ready for use
• Wall-fixing capability – for an 'off the floor' neat and tidy solution
• Trusted quality – manufactured and certified to BS1363-2
• Fitted with a 13A fused plug – maximum load 3120W, 240V AC
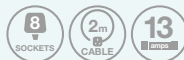
Cat No	Cable Length	Rating	Sockets	Colour	Carton Qty
BEN210-MP	2m	13A	8	White	10

Fuses

• Available in packs of 4, 10 or as mixed packs
• Replacement fuse for rewireable plugs
• Manufactured to BS1362 or IEC 269-3A where applicable

Cat No	Descriptions	Rating	Quantity	Pack Qty
FUSE3-MP	Fuse Pack	3A	4	30
FUSE5-MP	Fuse Pack	5A	4	30
FUSE10-MP	Fuse Pack	10A	4	30
FUSE13-MP	Fuse Pack	13A	4	30
FUSEM-MP	Fuse Pack	1x3A, 1x5A, 2x13A	4	30
FUSEM10-MP	Fuse Pack	3x3A, 3x5A, 4x13A	10	30
FUSE103-MP	Fuse Pack	3A	10	100
FUSE105-MP	Fuse Pack	5A	10	100
FUSE1013-MP	Fuse Pack	13A	10	100
FUSEW-01	Fuse Wire	5A, 15A, 30A	3	30

Rewireable Trailing Socket

• One, two, four or six sockets – allows you to connect multiple products into one outlet
• Socket safety shutters – prevents the insertion of foreign objects
• Power indicator (TN, UG and SXG) – shows that power is connected and the socket is ready for use
• Rewireable – for a custom solution
• Wall-fixing capability (UG and SXG) – for an 'off the floor' neat and tidy solution
• Robust – manufactured from high quality ABS
• Trusted quality – manufactured and certified to BS1363-2

Cat No	Rating	Sockets	Colour	Pack Qty	Carton Qty
SS-MP	13A	1	White	10	100
TN-MP	13A	2	White	-	20
UG-MP	13A	4	White	-	10
SXG-MP	13A	6	White	-	10

Multi-Socket Adaptor

• Two or three sockets – allows you to connect multiple products into one outlet
• Socket safety shutters – prevents the insertion of foreign objects
• Solid brass sleeved round pins – prevents contact when the plug pins are live
• Small and compact – easily fits behind cabinets and sofas
• Trusted quality – manufactured and certified to BS1363-3
• MSF3 fitted with a replaceable 13A fuse

Cat No	Rating	Sockets	Pack Qty
MSU2-MP	13A	2	10
MSF3/NK-MS	13A Fused	3	20

Heavy Duty Rewireable Plug

• Solid brass sleeved pins – prevents contact when the plug pins are live
• Rewireable – for a custom solution
• Heavy duty construction – built to last
• Trusted quality – manufactured and certified to BS1363
• 13A rated – suitable up to 3120W
• Available in black or white

Cat No	Fused	Colour	Pack Qty
7B-01	13A	Black	20
7W-01	13A	White	20

BASICS

Rewireable Plug

- Solid brass sleeved pins – prevents contact when the plug pins are live
- Rewireable – for a custom solution
- Trusted quality – manufactured and certified to BS1363
- 3, 5 or 13A rated – suitable up to 3120W
- Available in black or white
- Ideal for indoor power applications
- Moulded handle (PT13HW) – makes removing the plug easy

Cat No	Fused	Colour	Pack Qty
PT133W-01	3A	White	20
PT135W-01	5A	White	20
PT13W-01	13A	White	20
PT13B-01	13A	Black	20
PT13HW-MS	13A	White	12

Rewireable Round Pin Plug

- Solid brass sleeved pins – prevents contact when the plug pins are live
- Rewireable – for a custom solution
- Trusted quality – manufactured and certified to BS546
- 2, 5 or 15A rated – suitable up to 3600W
- Available in black or white
- Ideal for indoor power applications

Cat No	Fused	Colour	Pack Qty
PT2W-01	2A	White	20
PT5W-01	5A	White	20
PT5B-01	5A	Black	20
PT15W-01	15A	White	20

Shaver Adaptor

- Connect a electric shaver or toothbrush – to a standard 3 pin mains socket
- Solid brass sleeved round pins – prevents contact when the plug pins are live
- Trusted quality – manufactured and certified to BS1363-3
- Fitted with a replaceable 1A fuse

Cat No	Fused	Colour	Pack Qty
SHADC-MP	1A	White	5

Multi-Voltage Adaptor

- Includes severn jack plug connectors – ideal for powering a variety of low voltage appliances
- Adjustable output voltage – 3-12V DC
- Input voltage – 220-240V AC
- Fully regulated power supply – tested to BS EN 60950

Cat No	Rating	Colour	Carton Qty
MVA1200-MP	1200mA	Black	5

Small Cassette Reel

- Four sockets – allows you to connect four items safely into one outlet
- Socket safety shutters – prevents the insertion of foreign objects
- Robust design – ideal for home, DIY and light commercial use
- Four metres of cable – to extend the reach of the socket
- Safety thermal cut-out – prevents overheating if reel is overloaded when not fully unreeled
- Rear grip – allows for easy transportation
- Drum wind handle – making retracting the cable after use easy
- Trusted quality – manufactured and certified to BS 61242
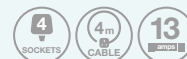
Cat No	Cable Length	Rating	Sockets	Colour	Carton Qty
SCT0413/4W-MP	4m	13A	4	White	5

SWITCHED ⏻

Control the power to each individual socket with our switched range

EXTENSION LEADS

TRAILING SOCKETS

ADAPTORS

SWITCHED ⏻

Switched Extension Lead

- Four or six sockets – allows you to connect multiple items safely into one outlet
- Individually switched – allows you to control the power to each socket
- Socket safety shutters – prevents the insertion of foreign objects
- Modern – rounded slimline appearance
- Wall-fixing capability – for an 'off the floor' neat and tidy solution
- Trusted quality – manufactured and certified to BS1363-2
- Fitted with a 13A fused plug – maximum load 3120W, 240V AC

| 4 SWITCH | 4 SOCKETS | 6 SWITCH | 6 SOCKETS | 2m CABLE | 13 AMPS |

Cat No	Cable Length	Rating	Sockets	Colour	Carton Qty
SWC4210N-MP	2m	13A	4	White	10
SWC6210N-MP	2m	13A	6	White	10

Compact Switched Extension Lead

- Three sockets – allows you to connect three items safely into one outlet
- Socket safety shutters – prevents the insertion of foreign objects
- Individually switched – control the power to each socket
- Individual power indicators – shows which device is connected to the mains
- Vertically orientated sockets – for a neat and tidy solution
- Two metres of cable – to extend the reach of the socket
- Wall-fixing capability – for an 'off the floor' neat and tidy solution
- Trusted quality – manufactured and certified to BS1363-2

| 3 SWITCH | 3 SOCKETS | 2m CABLE | 13 AMPS |
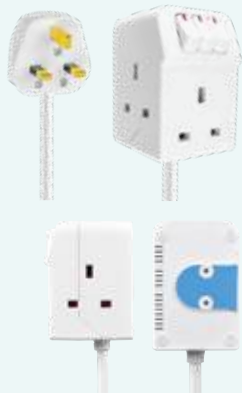
Cat No	Cable Length	Rating	Sockets	Colour	Carton Qty
SWG3210C-MP	2m	13A	3	White	10

Switched Rewireable Trailing Socket

- Four or six sockets – allows you to connect multiple items safely into one outlet
- Socket safety shutters – prevents the insertion of foreign objects
- Individually switched – allows you to control the power to each socket
- Power indicator – shows that power is connected and the socket is ready for use
- Rewireable – for a custom solution
- Wall-fixing capability – for an 'off the floor' neat and tidy solution
- Trusted quality – manufactured and certified to BS1363-2

| 4 SWITCH | 4 SOCKETS | 6 SWITCH | 6 SOCKETS | 13 AMPS |
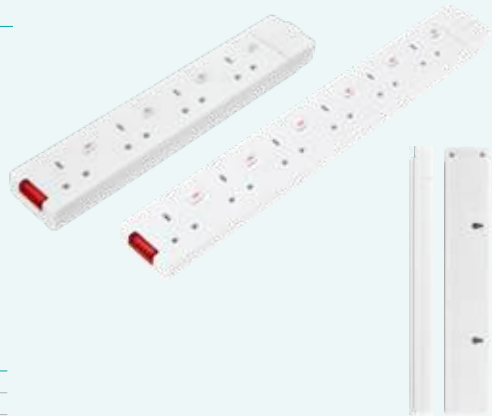
Cat No	Rating	Sockets	Colour	Carton Qty
SWG4-MP	13A	4	White	10
SWG6-MP	13A	6	White	10

SWITCHED ⏻

Trailing Socket with Switch & Fuse

- Four or six sockets – allows you to connect multiple items safely into one outlet
- Socket safety shutters – prevents the insertion of foreign objects
- Power switch – control the power to the sockets
- Power indicator – shows that power is connected and the socket is ready for use
- Replaceable fuse – for extra safety
- Rewireable – for a custom solution
- Wall-fixing capability – for an 'off the floor' neat and tidy solution
- Trusted quality – manufactured and certified to BS1363-2

| 1 SWITCH | 4 SOCKETS | 6 SOCKETS | 13 AMPS |

Cat No	Rating	Sockets	Colour	Carton Qty
SWFG4W-MP	13A	4	White	20
SWFG6W-MP	13A	6	White	20

Switched Adaptor

- Three sockets – allows you to connect three items safely into one outlet
- Socket safety shutters – prevents the insertion of foreign objects
- Individually switched – control the power to each socket
- Individual power Indicators – shows which device is connected to the mains
- Vertically orientated sockets – for a neat and tidy solution
- Trusted quality – manufactured and certified to BS1363-1

| 3 SWITCH | 3 SOCKETS | 13 AMPS |

Cat No	Rating	Sockets	Pack Qty
MSWG3-MP	13A	3	5

SURGE ⚡ | Protect your valuable equipment from damaging surges and spikes

WHAT IS SURGE?

Hundreds of power surges can occur in your home or office every day; the switching on/off of fluorescent lights and household appliances can cause power surges, which can seriously damage electronic equipment. Even low energy surges can cause gradual component degradation, leading to early hardware failure.
Masterplug Surge products protect your devices against these surges and spikes.

SURGE

SWITCHED SURGE

ADAPTOR

TOWER

 masterplug **SURGE** ⚡

Surge Extension Lead

- Four or six sockets – allows you to connect multiple items safely into one outlet
- Surge protected – protection from the damaging effects of surges and spikes
- Power and surge Indicator – shows that the sockets are connected and protected
- Connected equipment warranty – 3 years, £1,000 value
- Socket safety shutters – prevents the insertion of foreign objects
- Modern – rounded slimline appearance
- Wall-fixing capability – for an 'off the floor' neat and tidy solution
- Trusted quality – manufactured and certified to BS1363-2
- Fitted with a 13A fused plug – maximum load 3120W, 240V AC

Cat No	Cable Length	Rating	Sockets	Colour	Carton Qty
SRG4210N-MP	2m	13A	4	White	10
SRG4210NB-MP	2m	13A	4	Black	10
SRG44N-MP	4m	13A	4	White	8
SRG6210N-MP	2m	13A	6	White	10

Eight Socket Surge Extension Lead

- Eight sockets – allows you to connect eight items safely into one outlet
- Surge protected – protection from the damaging effects of surges and spikes
- Power and surge Indicator – shows that the sockets are connected and protected
- Connected equipment warranty – 3 years, £1,000 value
- Socket safety shutters – prevents the insertion of foreign objects
- Wall-fixing capability – for an 'off the floor' neat and tidy solution
- Trusted quality – manufactured and certified to BS1363-2
- Fitted with a 13A fused plug – maximum load 3120W, 240V AC

Cat No	Cable Length	Rating	Sockets	Colour	Carton Qty
SRG8210N-MP	2m	13A	8	White	10

Individually Switched Surge Extension Lead

- Four or six sockets – allows you to connect multiple items safely into one outlet
- Surge protected – protection from the damaging effects of surges and spikes
- Power and surge Indicator – shows that the sockets are connected and protected
- Connected equipment warranty – 3 years, £1,000 value
- Individually switched – allows you to control the power to each socket
- Socket safety shutters – prevents the insertion of foreign objects
- Modern – rounded slimline appearance
- Wall-fixing capability – for an 'off the floor' neat and tidy solution
- Trusted quality – manufactured and certified to BS1363-2
- Fitted with a 13A fused plug – maximum load 3120W, 240V AC

Cat No	Cable Length	Rating	Sockets	Colour	Carton Qty
SWSRG4210N-MP	2m	13A	4	White	10
SWSRG6210N-MP	2m	13A	6	White	10

 masterplug **SURGE** ⚡

Compact Surge Extension Lead

- Three sockets – allows you to connect three items safely into one outlet
- Surge protected – protection from the damaging effects of surges and spikes
- Power and surge Indicator – shows that the sockets are connected and protected
- Connected equipment warranty – 3 years, £1,000 value
- Socket safety shutters – prevents the insertion of foreign objects
- Individually switched – control the power to each socket
- Individual power indicators – shows which device is connected to the mains
- Vertically orientated sockets – for a neat and tidy solution
- Two metres of cable – to extend the reach of the socket
- Wall-fixing capability – for an 'off the floor' neat and tidy solution
- Trusted quality – manufactured and certified to BS1363-2

Cat No	Cable Length	Rating	Sockets	Colour	Carton Qty
SWSRG3210C-MP	2m	13A	3	White	10

Surge Tower Extension Lead

- Ten sockets – allows you to connect ten items safely into one outlet
- Surge protected – protection from the damaging effects of surges and spikes
- Power and surge indicator – shows that the sockets are connected and protected
- Connected equipment warranty – 3 years, £1,000 value
- Socket safety shutters – prevents the insertion of foreign objects
- Horizontal or vertical – space saving mounting options
- Trusted quality – manufactured and certified to BS1363-2
- Fitted with a 13A fused plug – maximum load 3120W, 240V AC

Cat No	Cable Length	Rating	Sockets	Colour	Carton Qty
SRGTOW10110-MP	1m	13A	10	White	5

Individually Switched Surge Adaptor

- Three sockets – allows you to connect three items safely into one outlet
- Surge protected – protection from the damaging effects of surges and spikes
- Power and surge indicator – shows that the sockets are connected and protected
- Connected equipment warranty – 3 years, £1,000 value
- Socket safety shutters – prevents the insertion of foreign objects
- Individually switched – control the power to each socket
- Individual power indicators – shows which device is connected to the mains
- Vertically orientated sockets – for a neat and tidy solution

Cat No	Rating	Sockets	Pack Qty
MSWRG3-MP	13A	3	5

USB

Power and charge your portable USB devices, without losing socket space

CABLE REELS

ADAPTOR

SURGE USB

TOWER

HIGH GLOSS

Extension Lead with USB

- Four or six sockets – allows you to connect multiple items safely into one outlet
- Socket safety shutters – prevents the insertion of foreign objects
- One metre of cable – to extend the reach of the socket
- Wall-fixing capability – for an 'off the floor' neat and tidy solution
- Trusted quality – manufactured and certified to BS1363-2
- Power indicator – shows that power is connected and the socket is ready for use
- Two USB ports – (10.5W shared) to power and charge your devices
- 13A fused plug – maximum load 3120W, 240V AC

Cat No	Cable Length	USB Output	Rating	Sockets	Colour	Carton Qty
BFNUAC10110N-MP	1m	10.5W	13A	4	White	10

Surge Extension Lead with USB

- Four or six sockets – allows you to connect multiple items safely into one outlet
- Surge protected – protection from the damaging effects of surges and spikes
- Power and surge indicator – shows that the sockets are connected and protected
- Connected equipment warranty – 3 years, £1,000 value
- Two USB ports – (10.5W shared) to power and charge your devices
- Socket safety shutters – prevents the insertion of foreign objects
- Modern – rounded slimline appearance
- Wall-fixing capability – for an 'off the floor' neat and tidy solution
- Trusted quality – manufactured and certified to BS1363-2
- Fitted with a 13A fused plug – maximum load 3120W, 240V AC

Cat No	Cable Length	USB Output	Rating	Sockets	Colour	Carton Qty
SRGUAC104210N-MP	2m	10.5W	13A	4	White	10
SRGUAC1044N-MP	4m	10.5W	13A	4	White	10
SRGUAC106210N-MP	2m	10.5W	13A	6	White	10

USB Compact Extension Lead

- Three sockets – allows you to connect three items safely into one outlet
- Two metres of cable – to extend the reach of the socket
- Two USB ports – (10.5W shared) to power and charge your devices
- Socket safety shutters – prevents the insertion of foreign objects
- Vertically orientated sockets – for a neat and tidy solution
- Wall-fixing capability – for an 'off the floor' neat and tidy solution
- Trusted quality – manufactured and certified to BS1363-2

Cat No	Cable Length	USB Output	Rating	Sockets	Colour	Carton Qty
B3UAC10210-MP	2m	10.5W	13A	3	White	10

USB

Surge Tower Extension Lead with USB

• Ten sockets – allows you to connect ten items safely into one outlet
• Surge protected – protection from the damaging effects of surges and spikes
• Power and surge indicator – shows that the sockets are connected and protected
• Connected equipment warranty – 3 years, £1,000 value
• Two USB ports – (2.1A shared) to power and charge your devices
• Socket safety shutters – prevents the insertion of foreign objects
• Horizontal or vertical – space saving mounting options
• Trusted quality – manufactured and certified to BS1363-2
• Fitted with a 13A fused plug – maximum load 3120W, 240V AC

Cat No	Cable Length	USB Output	Rating	Sockets	Colour	Carton Qty
SRGU10110B-MP	1m	2.1A	13A	10	Black	5

USB Adaptor

• Three sockets – allows you to connect three items safely into one outlet
• Two USB ports – (10.5W shared) to power and charge your devices
• Socket safety shutters – prevents the insertion of foreign objects
• Vertically orientated sockets – for a neat and tidy solution
• Trusted quality – manufactured and certified to BS1363-1

Cat No	USB Output	Sockets	Colour	Pack Qty
A3UAC10-MP	10.5W	3	White	5

USB Charger Plug

• Slimline design – in a premium high gloss finish
• One USB port – 2.1A to power and charge your devices
• Trusted quality – manufactured and certified to BS1363

Cat No	USB Output	Colour	Carton Qty
USBPLGW2-MP	2.1A	White	10

USB

20W USB C Fast Charger

• Powerful USB Charging – Delivering a 20W output, this is an ideal solution for fast charging your mobile phones
• Fast Charging for Mobile Devices – Charge your iPhone 15 from 0-50% in 30 minutes – 3x faster than the original 5W charger
• Wide Compatibility – With a USB C port, you can fast charge your latest and legacy devices effortlessly
• Advanced Technology – Supporting Power Delivery (PD) 3.0, Qualcomm Quick Charge (QC) 3.0 and other leading protocols ensures the latest devices can benefit from the fast and smart charging capabilities
• Programmable Power Supply – PPS technology provides an optimised experience by adapting the power, charging at safer and more efficient speeds, and extending the device's battery life and health
• Compact and Portable – Making it easy to pack away, ensuring you have a reliable power source whether you are travelling, in the office or at home
• Ultra Slim Design – Providing a great solution when using behind bedside tables, chests of drawers, and console tables
• Safety First – With built-in protection, your device remains safe from overcurrent, overvoltage, short-circuiting or overheating

Cat No	USB Output	Colour	Pack Qty
USBPLGC20W-MP	20W	White	5

Extension Lead with USB A + C Fast Charger

• Ideal for hotels, offices, coffee shops, airports, back to school, home and more
• Suitable for suitable for cruise ships
• Charge 4 devices simultaneously: 2 x UK sockets and 2 x USB's
• Type A and Type C USB ports provide universal compatibility for the latest and legacy products
• Fast and Safe Charging – Supports Power Delivery 3.0 (PD) and Qualcomm Quick Charge 3.0 (QC)
• Travel Ready – cable wraps neatly around the sockets, fastens securely with a strap and fits into a case, ready for travel
• Safety First – built-in protection, your device remains safe from overcurrent, overcharging, overheating and short-circuiting
• Supplied with 0.45m of Cable - ideal for floor or hotel desk positioning

Cat No	USB Output	Colour	Pack Qty
TAUK2UAC20B-MP	20W	Black	5

USB

30W USB A + C Fast Charger

• Powerful USB Charging – Delivering a 30W output, this is an ideal solution for fast charging your mobile phones and tablets
• Power and Charge 2 Devices at Once – Equipped with a dual port design allows two devices to be powered and charged simultaneously, saving you time and eliminating the need for multiple chargers
• Universal Compatibility – With USB A and USB C ports, you can charge your latest and legacy devices effortlessly
• Advanced Technology – Supporting Power Delivery (PD) 3.0, Qualcomm Quick Charge (QC) 4.0+ and other leading protocols ensures the latest devices can benefit from the fast and smart charging capabilities
• Programmable Power Supply – PPS technology provides an optimised experience by adapting the power, charging at safer and more efficient speeds, and extending the device's battery life and health
• Intelligent GaN Semiconductor – Delivers a faster, more energy-efficient, cooler, and safer charging experience, all in a smaller size compared to traditional chargers
• Compact and Portable – Making it easy to pack away, ensuring you have a reliable power source whether you are travelling, in the office or at home
• Safety First – With built-in protection, your device remains safe from overcurrent, overvoltage, short-circuiting or overheating

Cat No	USB Output	Colour	Pack Qty
USBPLGAC30W/U-MP	30W	White	5

67W USB A + C Fast Charger

• Powerful USB Charging – Delivering a 67W output, this is an ideal solution for fast charging your mobile phones and tablets
• Power and Charge 2 Devices at Once – Equipped with a dual port design allows two devices to be powered and charged simultaneously, saving you time and eliminating the need for multiple chargers
• Universal Compatibility – With USB A and USB C ports, you can charge your latest and legacy devices effortlessly
• Advanced Technology – Supporting Power Delivery (PD) 3.0, Qualcomm Quick Charge (QC) 4.0+ and other leading protocols ensures the latest devices can benefit from the fast and smart charging capabilities
• Programmable Power Supply – PPS technology provides an optimised experience by adapting the power, charging at safer and more efficient speeds, and extending the device's battery life and health
• Intelligent GaN Semiconductor – Delivers a faster, more energy-efficient, cooler, and safer charging experience, all in a smaller size compared to traditional chargers
• Compact and Portable – Making it easy to pack away, ensuring you have a reliable power source whether you are travelling, in the office or at home
• Safety First – With built-in protection, your device remains safe from overcurrent, overvoltage, short-circuiting or overheating

Cat No	USB Output	Colour	Pack Qty
USBPLGACC67W/U-MP	67W	White	5

USB

Inline Surge Extension Lead

• Four sockets – allows you to connect four items safely into one outlet
• Surge protected – protection from the damaging effects of surges and spikes
• Connected equipment warranty – 3 years, £unlimited value
• Power and surge indicator – shows that the sockets are connected and protected
• Two USB ports – (3.1A shared) to power and charge your devices
• Power switch – control the power to the sockets
• Socket safety shutters – prevents the insertion of foreign objects
• Two metres of cable – to extend the reach of the socket
• Wall-fixing capability – for an 'off the floor' neat and tidy solution
• In-line premium high gloss design – suitable for on desk applications

Cat No	Cable Length	USB Output	Rating	Sockets	Colour	Carton Qty
SRGLSU42PB-MP	2m	3.1A	13A	4	Black	5
SRGLSU42PW-MP	2m	3.1A	13A	4	White	5

Compact Surge Extension Lead

• Four or six sockets – allow you to connect multiple items safely into one outlet
• Surge protected – protection from the damaging effects of surges and spikes
• Connected equipment warranty – 3 years, £unlimited value
• Power and surge indicator – shows that the sockets are connected and protected
• Two USB ports – (3.1A shared) to power and charge your devices
• Power switch – control the power to the sockets
• Socket safety shutters – prevents the insertion of foreign objects
• Two metres of cable – to extend the reach of the socket
• Wall-fixing capability – for an 'off the floor' neat and tidy solution
• Compact back-to-back premium high gloss design – suitable for on desk applications

Cat No	Cable Length	USB Output	Rating	Sockets	Colour	Carton Qty
SRGDSU42PB-MP	2m	3.1A	13A	4	Black	6
SRGDSU42PW-MP	2m	3.1A	13A	4	White	6
SRGDSU62PB-MP	2m	3.1A	13A	6	Black	6
SRGDSU62PW-MP	2m	3.1A	13A	6	White	6

Tower Extension Lead

• Eight sockets – allows you to connect eight items safely into one outlet
• Surge protected – protection from the damaging effects of surges and spikes
• Connected equipment warranty – 3 years, £unlimited value
• Power and surge Indicator – shows that the sockets are connected and protected
• Two USB ports – (3.1A shared) to power and charge your devices
• Power switch – control the power to the sockets
• Socket safety shutters – prevents the insertion of foreign objects
• Two metres of cable – to extend the reach of the socket
• Space saving vertical or horizontal mounting – in a premium high gloss finish

Cat No	Cable Length	USB Output	Rating	Sockets	Colour	Carton Qty
SRGTOWSU82PB-MP	2m	3.1A	13A	8	Black	5

masterplug

USB

Surge Adaptor

- Premium plug-through design – means no loss of socket space
- Socket safety shutters – prevents the insertion of foreign objects
- Surge protected – protection from the damaging effects of surges and spikes
- Power and surge indicator – shows that the sockets are connected and protected
- Connected equipment warranty – 3 years, £unlimited value
- Two USB ports – (3.1A shared) to power and charge your devices
- Trusted quality – manufactured and certified to BS1363

Cat No	USB Output	Rating	Sockets	Colour	Carton Qty
SRGAUSBPB3-MP	3.1A	13A	1	Black	6
SRGAUSBPW3-MP	3.1A	13A	1	White	6

USB Cable – USB C to USB C

The USB C to USB C cable also has the ability to charge laptops, tablets and any other USB C device. The technological advancement has also allowed USB C cables to not only charge and sync devices, but also share video to your computer monitor in 4K, making the additional power cable redundant.

- Supports power delivery fast charging – USB 3.1 Gen 2 USB technology
- Charge and sync your USB devices – compatible with the latest devices and your Mac or Windows PC
- Latest transfer speeds – at 10GBPS, this is 20x faster than USB 2.0 (480MBPS)
- Up to 100W of power – rated to 20V/5A
- USB Type C connectors – with a reversable design, this makes it extremely easy when plugging in. No getting the connector the wrong way anymore
- 1m/3.3ft of cable – connection allows charging in the case

Latest Transfer Speeds

480MBPS	5 GBPS	10 GBPS
USB 2.0	USB 3.0	USB 3.1

*Actual speeds may vary

Cat No	USB Output	Rating	Sockets	Colour	Pack Qty
USBCC510G1-MP	3.1A	5A	1	White	20

USB Cable – USB C to Lightning

The USB C to Lightning cable is compatible with iPhone 5s onwards, iPad Mini, iPad Retina, iPod Touch 5th Gen onwards and iPod Nano 7th Gen onwards and accredited by Apple's MFi (Made for iPod, iPhone and iPad) program, demonstrating a superior quality.

- Supports power delivery fast charging – charge iPhone X in 30 minutes (with a compatible PD charger)
- Charge and sync your USB devices – compatible with the latest devices and your Mac or Windows PC
- Up to 18W of power – rated to 9V/2A
- USB Type C and lightning connectors – with a reversable design, this makes it extremely easy when plugging in. No getting the connector the wrong way anymore
- 1m/3.3ft of cable – connection allows charging in the case
- Licenced with MFi program

Supports Fast Charge
Power Delivery

30 Minutes
iPhone X

50%
18W Fast Charger*

20%
Regular 5W charger

*Only applicable when using a compatible power delivery charger

Cat No	USB Output	Rating	Sockets	Colour	Pack Qty
USBCL35G1-MP	3.1A	2A	1	White	20

OUTDOOR

Designed with outdoor activities in mind, the Outdoor Power range provides safe power solutions for garden and DIY use

EXTENSION LEADS & ACCESSORIES

WEATHERPROOF

RCD PROTECTION

OUTDOOR

Weatherproof Double Socket Garden Spike

• Two splashproof and safety shuttered sockets – prevents the insertion of foreign objects
• Fifteen metres of cable – to extend the reach of the socket
• High visibility orange cable – ensures against tripping hazards and cable being cut
• Tapered spike – to fix into the ground
• Carry handle – allows for easy transportation

| 2 SOCKETS | 15m CABLE | 13 AMP | IP54 RATED |

Cat No.	Cable Length	Rating	IP Rating	Sockets	Carton Qty
IPGS15/2-MP	15m	13A	IP54	2	6

Weatherproof Double Socket Case Reel

• Two safety shuttered sockets – prevents the insertion of foreign objects
• Twenty metres of cable – to extend the reach of the socket
• Robust design – ideal for home, DIY and light commercial use
• Safety thermal cut-out – prevents overheating if reel is overloaded when not fully unreeled
• Handle – allows for easy transportation
• Drum wind handle – making retracting the cable after use easy
• Splashproof socket covers – ideal for use with pressure washers and in damp conditions

| 2 SOCKETS | 20m CABLE | 13 AMP | IP54 RATED |

Cat No.	Cable Length	Rating	IP Rating	Sockets	Carton Qty
HLP2013/2IP-MP	20m	13A	IP54	2	2

Weatherproof Box

• IP54 Rated – dust and weatherproof
• Multiple cable entry points – five cable outlets with 2 optional M20 glands
• Versatile – suitable for extension leads, up to 4 sockets, fits bulky adaptors, transformers and timers
• Wall-fixing capability – for an 'off the floor' neat and tidy solution

| IP54 RATED |

Cat No.	IP Rating	Colour	Carton Qty
WBXG-MP	IP54	Green	4
WBX-MS	IP54	Grey	2

Weatherproof Box Kits

• IP54 rated – dust and weatherproof
• Multiple cable entry points – five cable outlets with 2 optional M20 glands
• Versatile – fits bulky adaptors, transformers and timers
• Wall-fixing capability – for an 'off the floor' neat and tidy solution
• Four safety shuttered sockets – prevents the insertion of foreign objects
• Ten metres of cable – to extend the reach of the socket

| 4 SOCKETS | 10m CABLE | 13 AMP | IP54 RATED |

Cat No.	Cable Length	Rating	IP Rating	Colour	Sockets	Carton Qty
WBXBFG10B-MP	10m	13A	54	4	Black	2

OUTDOOR

Weatherproof Box

• Collapsible Design – for easier storage when not in use
• IP54 Rated – prevents dust and water ingress, making it suitable for outdoor use
• Five Cable Entry Points – ideal for four socket extension leads
• Wall-Fixing Capability – for an 'off the floor' neat and tidy solution
• Versatile – suitable for extension leads, bulky adaptors, transformers and timers
• Simple tool-free locking point – preventing easy access by children and pets
• Multi-purpose – ideal for Christmas decorations, lighting, water features, patio heaters, hot tubs and more
• Supplied with a 4 socket 8m extension lead

| IP54 RATED |

Cat No.	Description	Carton Qty
WBCBBFG8B-MP	Collapsible weatherproof box + 4 socket 13A Extension lead – Black	4

OUTDOOR

Single Socket Garden Extension Lead with Cable Tidy

• Safety shuttered socket – prevents the insertion of foreign objects
• Fifteen metres of cable – to extend the reach of the socket
• High visibility orange cable – ensures against tripping hazards and cable being cut
• Cable tidy – for a neat and tidy solution and easy when transporting

Cat No.	Cable Length	Rating	Sockets	Colour	Carton Qty
CT1513-MP	15m	13A	1	Orange	4

Single Socket Garden Extension

• One socket – allows you to extend the reach of your outlet
• Safety shuttered socket – prevents the insertion of foreign objects
• Ten metres of cable – to extend the reach of the socket
• High visibility orange cable – ensures against tripping hazards and cable being cut
• Trusted quality – manufactured and certified to BS1363-2
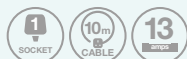
Cat No.	Cable Length	Rating	Sockets	Colour	Carton Qty
BOG10O-MP	10m	13A	1	Orange	10

Cable Tidy

• Neat and tidy – ideal for tidying loose extension leads and cable around the home and garage
• Great storage – stores up to 15m 13 amp (1.25mm^2) or 20m of 10 amp (1.00mm^2) cable
• Flexible design – suits all lengths of cable
• Strong and sturdy solution – with a convenient carry handle and plug holder
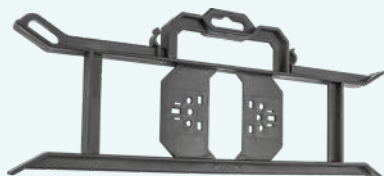
Cat No.	Colour	Carton Qty
CT100-MP	Black	10

Splashproof Plug and Socket Cover

• Splashproof socket cover – ideal for use with pressure washers and in damp conditions
• Protects power connections – prevents accidental plug and socket detachment
• High visibility – ensures against tripping hazards
• Suitable for the garden – ideal for garden and household power tools

Cat No.	Colour	Carton Qty
SPTO-MP	Orange	10

OUTDOOR

Weatherproof Extension Lead with Cable Tidy

• Safety shuttered socket – prevents the insertion of foreign objects
• Splashproof socket cover – ideal for use with pressure washers and in damp conditions
• Fifteen metres of cable – to extend the reach of the socket
• High visibility orange cable – ensures against tripping hazards and cable being cut
• Cable tidy – for a neat and tidy solution and easy when transporting

Cat No.	Cable Length	Rating	IP Rating	Socket	Colour	Carton Qty
CT1513P/IPS-MP	15m	13A	IP54	1	Orange	4

Weatherproof In-line Socket

• One splashproof and safety shuttered socket – prevents the insertion of foreign objects
• Splashproof socket cover – ideal for use with pressure washers and in damp conditions
• Highly Visible – ideal for outdoor use
• Rewireable – for a custom solution

Cat No.	Rating	IP Rating	Sockets	Pack Qty
IPS-MS	13A	IP54	1	6

RCD Safety Plug-through Adaptor

• Plug-through design – connect one device to the RCD adaptor
• Active (non-latching) type – when power is cut to the device, the RCD will trip and have to be reset
• RCD protection – against the risk of fatal electric shocks
• 40ms trip speed – to provide fast protection
• Double pole contact break – for additional safety

Cat No.	Description	Colour	Pack Qty
ARCDKG-MP	Non-latching RCD Safety Adaptor	Grey	5

RCD Safety Plug

• Rewireable – ideal for lawnmowers, hedge trimmers, or any power tool
• Active (non-latching) type – when power is cut to the device, the RCD will trip and have to be reset
• RCD protection – against the risk of fatal electric shocks
• 40ms trip speed – to provide fast protection
• Double pole contact break – for additional safety

Cat No.	Description	Colour	Pack Qty
PRCDKB-MP	Non-latching RCD Safety Plug	Black	5

OUTDOOR

Inline Safety RCD

- Easy to wire – fit to an existing cable reel for instant protection
- Active (non-latching) type – when power is cut to the device, the RCD will trip and have to be reset
- RCD protection – against the risk of fatal electric shocks
- 40ms trip speed – to provide fast protection
- Double pole contact break – for additional safety

Cat No.	Description	Colour	Pack Qty
ILRCDNG-MP	Non-latching Inline RCD	Black	5

WORK ✕

Heavy-duty extension leads, reels and accessories. Ideal for DIY and light commercial use

HEAVY DUTY PLUGS　　**TRAILING SOCKETS**　　**INLINE CONNECTORS**

HEAVY DUTY LEADS　　**CASSETTE REELS**

CASE REELS　　**CABLE REELS**

WORK

Heavy Duty Single Socket Extension Lead

• One socket – allows you to extend the reach of your outlet
• Five or ten metres of cable – to extend the reach of the socket
• Socket safety shutter – prevents the insertion of foreign objects
• Heavy duty construction – built to last
• Trusted quality – manufactured and certified to BS1363
• Finished in black or orange

Cat No.	Cable Length	Rating	Sockets	Colour	Carton Qty
EXS13110B-01	10m	13A	1	Black	10
EXS13110O-01	10m	13A	1	Orange	10
EXS1315B-01	5m	13A	1	Black	10
EXS1315O-01	5m	13A	1	Orange	10

Heavy Duty Double Socket Extension lead

• Two sockets – allows you to connect two items safely into one outlet
• Four metres of cable – to extend the reach of the socket
• Socket safety shutter – prevents the insertion of foreign objects
• Heavy duty construction – built to last
• Trusted quality – manufactured and certified to BS1363
• Finished in black or white
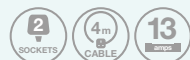
Cat No.	Cable Length	Rating	Sockets	Colour	Carton Qty
EXS1324B-01	4m	13A	2	Black	10
EXS1324W-01	4m	13A	2	White	10

Heavy Duty Four Socket Extension Lead

• Four sockets – allows you to connect four items safely into one outlet
• Two or four metres of cable – to extend the reach of the socket
• Socket safety shutter – prevents the insertion of foreign objects
• Heavy duty construction – built to last
• Replaceable fuse – for extra safety
• Trusted quality – manufactured and certified to BS1363
• Finished in black white or orange

Cat No.	Cable Length	Rating	Sockets	Colour	Carton Qty
EXS1342B-01	2m	13A	4	Black	10
EXS1342O-01	2m	13A	4	Orange	10
EXS1342W-01	2m	13A	4	White	10
EXS1344O-01	4m	13A	4	Orange	10

WORK

Heavy Duty Plug

• Solid brass sleeved pins – prevents contact when the plug pins are live
• Rewireable – for a custom solution
• Heavy duty construction – built to last
• Trusted quality – manufactured and certified to BS1363
• 13A rated – suitable up to 3120W

Cat No.	Fused	Colour	Pack Qty
HDPT13B-01	13A	Black	10
HDPT13O-01	13A	Orange	10
HDPT13W-01	13A	White	10

Heavy Duty Round Pin Plug

• Solid brass sleeved pins – prevents contact when the plug pins are live
• Rewireable – for a custom solution
• Heavy duty construction – built to last
• Trusted quality – manufactured and certified to BS546
• 13A rated – suitable up to 3600W

Cat No.	Rating	Colour	Pack Qty
HDPT15B-01	15A	Black	10

Heavy Duty Inline Connector

• Rewireable – for a custom solution
• Heavy duty construction – built to last
• 2 pin – reversible connection block
• 3 pin – non-reversible connection block
• Trusted quality – manufactured to BS5733

Cat No.	Type	Pin	Rating	Colour	Pack Qty	Carton Qty
NC102PB	Plug	2	10A	Black	-	250
NC102B	Connector	2	10A	Black	10	100
NC102O	Connector	2	10A	Orange	10	100
NC103SW	Socket	3	10A	White	-	250
NC103B	Connector	3	10A	Black	10	100
NC103W	Connector	3	10A	White	10	100

masterplug | WORK

Trailing Single Socket

• One socket – allows you to extend the reach of your outlet
• Rewireable – for a custom solution
• Socket safety shutter – prevents the insertion of foreign objects
• Heavy duty construction – built to last
• Trusted quality – manufactured and certified to BS1363
• Finished in black, white or orange

Cat No.	Rating	Sockets	Colour	Pack Qty
ELS13B-01	13A	1	Black	10
ELS13O-01	13A	1	Orange	10
ELS13W-01	13A	1	White	10

Trailing Double Socket

• Two sockets – allows you to connect two items safely into one outlet
• Rewireable – for a custom solution
• Socket safety shutter – prevents the insertion of foreign objects
• Heavy duty construction – built to last
• Trusted quality – manufactured and certified to BS1363
• Finished in black, white or orange

Cat No.	Rating	Sockets	Colour	Carton Qty
ELS132B-01	13A	2	Black	50
ELS132O-01	13A	2	Orange	50
ELS132W-01	13A	2	White	50

Trailing Socket Four Socket

• Four sockets – allows you to connect four items safely into one outlet
• Rewireable – for a custom solution
• Socket safety shutter – prevents the insertion of foreign objects
• Heavy duty construction – built to last
• Replaceable fuse – for extra safety
• Trusted quality – manufactured and certified to BS1363
• Finished in black white or orange

Cat No.	Rating	Sockets	Colour	Carton Qty
ELS134B-01	13A	4	Black	25
ELS134O-01	13A	4	Orange	25
ELS134W-01	13A	4	White	25

masterplug | WORK

15A Round Pin Trailing Single Socket

• One socket – allows you to extend the reach of your outlet
• Rewireable – for a custom solution
• Socket safety shutter – prevents the insertion of foreign objects
• Heavy duty construction – built to last
• Trusted quality – manufactured and certified to BS546
• Finished in black

Cat No.	Rating	Sockets	Colour	Pack Qty
ELS15B-01	15A	1	Black	10

Small Cassette Reel

• Two or four sockets – allows you to connect multiple items safely into one outlet
• Four or five metres of cable – to extend the reach of the socket
• Socket safety shutters – prevents the insertion of foreign objects
• Robust design – ideal for home, DIY and light commercial use
• Safety thermal cut-out – prevents overheating if reel is overloaded when not fully unreeled
• Rear grip – allows for easy transportation
• Drum wind handle – making retracting the cable after use easy
• Trusted quality – manufactured and certified to BS 61242

Cat No.	Cable Length	Rating	Sockets	Colour	Carton Qty
SCT0413/2BL-MP	4m	13A	2	Blue	5
SCT0510/4BL-MP	5m	10A	4	Blue	5

Medium Cassette Reel

• Four sockets – allows you to connect multiple items safely into one outlet
• Eight or ten metres of cable – to extend the reach of the socket
• Socket safety shutters – prevents the insertion of foreign objects
• Robust design – ideal for home, DIY and light commercial use
• Safety thermal cut-out – prevents overheating if reel is overloaded when not fully unreeled
• Rear grip – allows for easy transportation
• Drum wind handle – making retracting the cable after use easy
• Trusted quality – manufactured and certified to BS 61242

Cat No.	Cable Length	Rating	Sockets	Colour	Carton Qty
MCT0813/4BL-MP	8m	13A	4	Blue	10
MCT1010/4BL-MP	10m	10A	4	Blue	10

masterplug

WORK

Large Cassette Reel

- Four sockets – allows you to connect four items safely into one outlet
- 12 or 15 metres of cable – to extend the reach of the socket
- Socket safety shutters – prevents the insertion of foreign objects
- Robust design – ideal for home, DIY and light commercial use
- Safety thermal cut-out – prevents overheating if reel is overloaded when not fully unreeled
- Rear grip – allows for easy transportation
- Drum wind handle – making retracting the cable after use easy
- Trusted quality – manufactured and certified to BS 61242
- 10A rated – suitable up to 2400W, 240V AC
- 13A rated – suitable up to 3120W, 240V AC

Cat No.	Cable Length	Rating	Sockets	Colour	Carton Qty
LCT1213/4BL-MP	12m	13A	4	Blue	10
LCT1510/4BL-MP	15m	10A	4	Blue	10

Small Case Reel

- Four sockets – allows you to connect four items safely into one outlet
- Socket safety Shutters – prevents the insertion of foreign objects
- Robust design – ideal for home, DIY and light commercial use
- 15 metres of cable – to extend the reach of the socket
- Safety thermal cut-out – prevents overheating if reel is overloaded when not fully unreeled
- Carry handle – allows for easy transportation
- Drum wind handle – making retracting the cable after use easy
- Trusted quality – manufactured and certified to BS 61242
- 13A rated – suitable up to 3120W, 240V AC
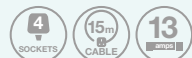
Cat No.	Cable Length	Rating	Sockets	Colour	Carton Qty
HST1513/4BL-MP	15m	13A	4	Blue	3

Large Case Reel

- Four sockets – allows you to connect four items safely into one outlet
- Socket safety shutters – prevents the insertion of foreign objects
- Robust design – ideal for home, DIY and light commercial use
- 20 metres of cable – to extend the reach of the socket
- Safety thermal cut-out – prevents overheating if reel is overloaded when not fully unreeled
- Carry handle – allows for easy transportation
- Drum wind handle – making retracting the cable after use easy
- Trusted quality – manufactured and certified to BS 61242
- RCD plug option – for added protection against fatal electric shocks
- 13A rated – suitable up to 3120W, 240V AC

Cat No.	Cable Length	Rating	Sockets	Colour	Carton Qty
HBT2013/4BL-MP	20m	13A	4	Blue	6
HBT2013/4BLRCD-MP*	20m	13A	4	Blue	6

*Includes RCD plug

---

masterplug

WORK

Medium Open Reel

- Four sockets – allows you to connect four items safely into one outlet
- Socket safety shutters – prevents the insertion of foreign objects
- Robust design – ideal for home, DIY and light commercial use
- 25 or 30 metres of cable – to extend the reach of the socket
- Safety thermal cut-out – prevents overheating if reel is overloaded when not fully unreeled
- Carry handle – allows for easy transportation
- Drum wind handle – making retracting the cable after use easy
- Trusted quality – manufactured and certified to BS 61242
- RCD plug option – for added protection against fatal electric shocks
- 13A rated – suitable up to 3120W, 240V AC

Cat No.	Cable Length	Rating	Sockets	Colour	Carton Qty
LDCC2513/4BL-MP	25m	13A	4	Blue	1
LDCC2513/4BLRCD-MP *	25m	13A	4	Blue	1
LDCC3013/4BL-MP	30m	13A	4	Blue	1

* Includes RCD plug

Large Open Reel

- Four sockets – allows you to connect four items safely into one outlet
- Socket safety shutters – prevents the insertion of foreign objects
- Robust design – ideal for home, DIY and light commercial use
- 25 metres of cable – to extend the reach of the socket
- Safety thermal cut-out – prevents overheating if reel is overloaded when not fully unreeled
- Carry handle – allows for easy transportation
- Drum wind handle – making retracting the cable after use easy
- Trusted quality – manufactured and certified to BS 61242
- Heavy duty – **supplied with 2.5mm 3 core cable**
- 13A rated – suitable up to 3120W, 240V AC
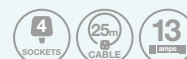
Cat No.	Cable Length	Rating	Sockets	Colour	Carton Qty
HDCC251325/4BL-MP	25m	13A	4	Blue	1

Large Open Reel

- Four sockets – allows you to connect four items safely into one outlet
- Socket safety shutters – prevents the insertion of foreign objects
- Robust design – ideal for home, DIY and light commercial use
- 40 or 50 metres of cable – to extend the reach of the socket
- Safety thermal cut-out – prevents overheating if reel is overloaded when not fully unreeled
- Carry handle – allows for easy transportation
- Drum wind handle – making retracting the cable after use easy
- Trusted quality – manufactured and certified to BS 61242
- 13A rated – suitable up to 3120W, 240V AC

Cat No.	Cable Length	Rating	Sockets	Colour	Carton Qty
HDCC4013/4BL-MP	40m	13A	4	Blue	1
HDCC5013/4BL-MP	50m	13A	4	Blue	1

HOME 🏠

Home power solutions to complement day-to-day activities

ACCESSORIES

DOOR CHIMES

NIGHT LIGHTS

Socket Safety Covers

• Great for safety – deter children from inserting objects into sockets
• Neutral colour – to blend in with the current house décor
• Pack of 5

Cat No.	Description	Pack	Colour	Pack Qty
SC13/5-MP	Socket Safety Covers	5	White	5

Soft Glow Night Light

• LED technology – for low energy consumption, long life and no hot lamps
• Provides a soft background light – great for children's bedrooms or landings
• 3 pin plug – fits into any standard UK mains socket
• Trusted quality – manufactured to BS1363 and BS EN 60598
• Pack of 2

Cat No.	Description	Pack	Carton Qty
GL1/2-MP	Glow Night Light	2	20

Battery Round Push Light

• LED technology – for low energy consumption, long life and no hot lamps
• Battery powered – ideal for use in a loft, shed, under stairs, in a wardrobe, caravan or garage
• Requires 2x AA batteries – not included

Cat No.	Description	Pack	Carton Qty
RPL1-MP	Round Push Light	1	10

Dusk-Dawn Night Light

• LED technology – for low energy consumption, long life and no hot lamps
• Provides a soft background light – great for children's bedrooms or landings
• 3 pin plug – fits into any standard UK mains socket
• Dusk-till-dawn – automatically turns on at dusk, and off at dawn
• Trusted quality – manufactured to BS1363 and BS EN 60598
• Pack of 2

Cat No.	Description	Pack	Pack Qty
NLTD/2-MP	Dusk-Dawn Night Light	2	5

Plug-through Dusk-till-Dawn Night Light

• LED Technology – for low energy consumption, long life and no hot lamps
• Provides a soft background light – great for children's bedrooms or landings
• 3 pin plug – fits into any standard UK mains socket
• Dusk-till-dawn – automatically turns on at dusk, and off at dawn
• Plug through design – means no loss of socket
• Trusted quality – manufactured to BS1363 and BS EN 60598
• Pack of 2

Cat No.	Description	Pack	Pack Qty
NLPT/2-MP	Plug-through Night Light	2	5

Basic Door Chimes

• 2 melodies – a choice of 'Ding Dong' and 'Westminster'
• 30m range – suitable for smaller homes
• One in a million random code connection – no interference with your neighbour
• Battery powered button – supplied with CR2032 battery
• Adjustable volume – change the volume depending on your needs
• IP44 push button – suitable for outdoor installation
• Battery Powered – chime can be placed anywhere around the home
  (requires 3 x AA batteries)
• Plug-in – ensure you always have power to your chime

Cat No.	Description	Colour	Melodies	Sound Level	Range	LED Indicator	Pack Qty
BDCPO30	Portable Door Chime	White	2	80db	30m	No	5
BDCPL30	Plug-in Door Chime	White	2	80db	30m	No	5

Premium Door Chimes

• 6 melodies – a choice of 4 x 'Ding Dong' and 2 x 'Westminster'
• 100m range – suitable for large homes
• One in a million random code connection – no interference with your neighbour
• Battery powered button – supplied with CR2032 battery
• Adjustable volume – change the volume depending on your needs
• IP44 push button – suitable for outdoor installation
• LED indicator – visual indication of door chime activation
• Battery powered – chime can be placed anywhere around the home
  (requires 3 x AA batteries)
• Plug-in – ensure you always have power to your chime
• Plug-through – ensure you always have power to your chime without losing
  socket space

Cat No.	Description	Colour	Melodies	Sound Level	Range	LED Indicator	Pack Qty
BDCPO100	Portable Door Chime	Two Tone	6	85db	100m	Bell Push/Receiver	5
BDCPL100	Plug-in Door Chime	Two Tone	6	85db	100m	Bell Push/Receiver	5
BDCPT100	Plug-through Door Chime	Two Tone	6	85db	100m	Bell Push/Receiver	5

Wireless Charging Stand/Pad

• Wireless technology – charge your Qi-enabled mobile device without the hassle of wires
• Wire-free charging – supports charging in flat or standing positions
• LED indicator – shows the charging status
• USB Cable Supplied – 10cm USB A to Micro USB

Cat No.	Description	Technology	Pack Qty
USBWC5WB-MP	Wireless Charger	Wireless Technology Qi	10

TRAVEL ✈

masterplug®

TRAVEL ✈

Charge and power your portable devices wherever you go with our worldwide travel range

UK TO EUROPE

UK TO USA

UNIVERSAL TO UK

EUROPEAN USB

USB & ADAPTER

Travel Adaptor UK to Europe

- Ideal when travelling in Europe – convert UK plugs for use with European sockets
- Small and compact – easy to fit in your bag or suitcase
- Trusted quality – manufactured and certified to BS 8546
- TAEUR/2 – 2 pack

Cat No.	Description	Pack	Pack Qty
TAEUR/2-MP	UK to Europe	2	5
TAEUR-MP	UK to Europe	1	5

Travel Adaptor UK to Europe – 2 Socket

- Ideal when travelling in Europe – convert UK plugs for use with European sockets
- Small and compact – easy to fit in your bag or suitcase
- Trusted quality – manufactured and certified to BS 8546

Cat No.	Description	Pack Qty
TAEUR2-MP	UK to Europe	5

Travel Extension Lead with USB Charging UK to Europe

- Ideal when Travelling in Europe – convert UK plugs for use with European Sockets
- Integrated Cable Tidy and Velcro Strap – keeps the cable neat and tidy when not in use
- 0.45m of Cable – ideal for floor or hotel desk positioning when travelling for personal or business travel
- Ideal for individual or business travel
- Two USB Ports with Market-Leading 20W Output – Type A and Type C with Power Delivery (PD) 3.0 and Qualcomm Quick Charge (QC) 3.0 for super-fast charging
- USB Smart Charging – intelligently detects the power requirement to optimally charge then switches to standby to prevent long-term damage to your device
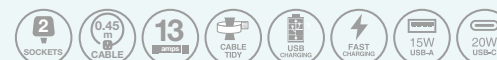
Cat No.	Description	Pack Qty
TAEUR2UAC20-MP	UK to Europe	5

masterplug TRAVEL ✈

Travel Adaptor UK to US

- Ideal when travelling in Asia, Australia and the US – convert UK plugs for use with US sockets
- Small and compact – easy to fit in your bag or suitcase
- Trusted quality – manufactured and certified to BS 8546

Cat No.	Description	Pack Qty
TAUSA-MP	UK to US/Asia	5

Travel Extension Lead with USB Charging UK to USA

- Ideal when Travelling in the US – convert UK plugs for use with US Sockets
- Integrated Cable Tidy and Velcro Strap – keeps the cable neat and tidy when not in use
- 0.45m of Cable – ideal for floor or hotel desk positioning when travelling for personal or business travel
- Ideal for individual or business travel
- Two USB Ports with Market-Leading 20W Output – Type A and Type C with Power Delivery (PD) 3.0 and Qualcomm Quick Charge (QC) 3.0 for super-fast charging
- USB Smart Charging – intelligently detects the power requirement to optimally charge then switches to standby to prevent long-term damage to your device

Cat No.	Description	Pack Qty
TAUSA2UAC20-MP	UK to US/Asia	5

masterplug TRAVEL ✈

Visitor to UK Travel Adaptor

- Ideal for visitors to the UK – convert European, American, Australian, Far Eastern and Asian plug to UK
- Small and compact – easy to fit in your bag or suitcase
- Trusted quality – manufactured and certified to BS 8546

Cat No.	Description	Pack Qty
TAVUK-MP	Visitor to UK	5

European Plug USB Charger

- Ideal when travelling in Europe – power and charge your USB devices
- Three USB ports – (3.4A shared) for charging your portable devices
- Trusted quality – manufactured and certified to BS 8546 and EN62368

Cat No.	Description	Pack Qty
TAUSBEUPLG-MP	Europe USB Charger	5

USB Travel Adaptor UK To Europe

- Ideal when travelling in Europe – convert UK plugs for use with European Sockets
- Three USB ports – (3.4A shared) for charging your portable devices
- Trusted quality – manufactured and certified to BS 8546 and EN62368

Cat No.	Description	Colour	Pack Qty
TAUSBEUR2-MP	UK to Europe + USB	White	5

TIMER

Time control for your appliances. Easy operation, with daily, weekly and custom programs

MECHANICAL

ELECTRONIC

IMMERSION HEATER

---

masterplug

TIMER

Daily Mechanical Segment Timer

• 24 hour mechanical timer – with 15 minute segments
• Simple to use – simply press the segments when you want your device to turn on
• Ideal for indoor power applications – great for slow cookers, lighting, fish tanks and more
• Manual override function – override the timer to power the connected device
• Trusted quality – manufactured to EN60730-2-7
• TMS24/3 – 3 pack

13 AMPS

Cat No.	Description	Pack	Pack Qty
TMS24/3-MP	24hr Mechanical Timer – Small	3	5
TMS24-MP	24hr Mechanical Timer – Small	1	5

Programmable Electronic Timer

• Great for security – random function to mimic home activity
• 7 day timer – with 16 selectable options and 10 programmes
• Easy to use – with the LCD display and button control
• Manual override function – override the timer to power the connected device
• Back up battery – retains the memory of the programs when there is a power outage
• Trusted quality – manufactured to EN60730-2-7

10 AMPS

Cat No.	Description	Pack Qty
TES7-MP	7 Day Electronic Timer – Small	5

Mechanical Daily Immersion Timer

• General purpose timer to offer complete control for hard-wired applications – ideal for immersion heaters, towel rails and lighting
• Easy to use – integrated clock face to easily set timings and LED power indicator
• Wall-fixing capability – for a neat and tidy install
• Manual override function – override the timer to power the connected device
• 24 hour mechanical timer – with 15 minute segments
• Trusted quality – manufactured to EN60730-2-7

16 AMPS

Cat No.	Description	Pack Qty
TMIHMEC-MP	Mechanical 24hr Immersion Heater Timer	5

Digital Weekly Immersion Timer

• Digital weekly immersion timer for hard-wired applications – ideal for immersion heaters, towel rails and lighting
• Easy to install and use – daily and weekly programmes with clear LED display and large buttons
• Wall-fixing capability – for a neat and tidy install
• Back up battery – retains the memory of the programs when there is a power outage
• Boost feature – provides 1 or 2 hour extension to the connected appliance
• Trusted quality – manufactured to EN60730-2-7

16 AMPS

Cat No.	Description	Pack Qty
TMIHDIG-MP	Digital Weekly Immersion Heater Timer	5

POWER AT WORK

SCAN HERE
for full details

5 YEAR WARRANTY
5 YEAR GUARANTEE

Masterplug offers a five year guarantee on its Pro-XT cable reels.

ROBUST BUILD
ROBUST BUILD

Designed and engineered for LED durability and longevity.

LED INDICATOR
LED INDICATOR

LED indicator shows that power is live.

HIGH VIS CABLE
HIGH VIS

High visibility ensures against tripping hazard and cable cut through.

THERMAL CUT-OUT
THERMAL CUT OUT

Prevents cable overheating when fully reeled, and allows you to reset if cut-out occurs

OPEN REEL

REVERSE REEL

ANTI-TWIST

CASSETTE REEL

WORK LIGHT EXTENSION REEL

METAL OPEN REEL

OPEN REEL WITH USB

ACCESSORIES

PULL-OUT, DRUM WIND HANDLE
Quickly wind in the cable at the end of each use.

ERGONOMIC HANDLE GRIP
A two-tone superior handle grip, for comfort and longevity.

LOCALISED POWER SWITCH
Control the power where you are working.

INTERGRATED CABLE GUIDE
Cable guide reduces tangle and speeds up winding in.

THE PROFESSIONAL'S CHOICE FOR PORTABLE POWER

POWER AT WORK

Extension Reel Work Light

Providing both light and power for heavy duty applications with a 5W 500lm LED light. The 4 power sockets with switch gives you power control where you are working, fitted with 5m of cable you will never have insufficient light or power again.

- Four sockets – allows you to connect four items safely into one outlet
- Socket safety shutters – prevents the insertion of foreign objects
- Five metres of cable – to extend the reach of the socket
- Integrated LED light – 500lm at 5W with an independent power switch
- Ergonomic handle grip – a two-tone superior handle grip, for comfort and longevity
- Fold out stand and built-in cable storage – for neat and tidy solution when in and not in use
- Localised power switch – control the power where you are working

5W 500lm | 4 SOCKETS | 5m | 13 AMP

Cat No.	Cable Length	Lumens	Sockets	Carton Qty
WLU05134SL-PX	5m	500lm	4	5
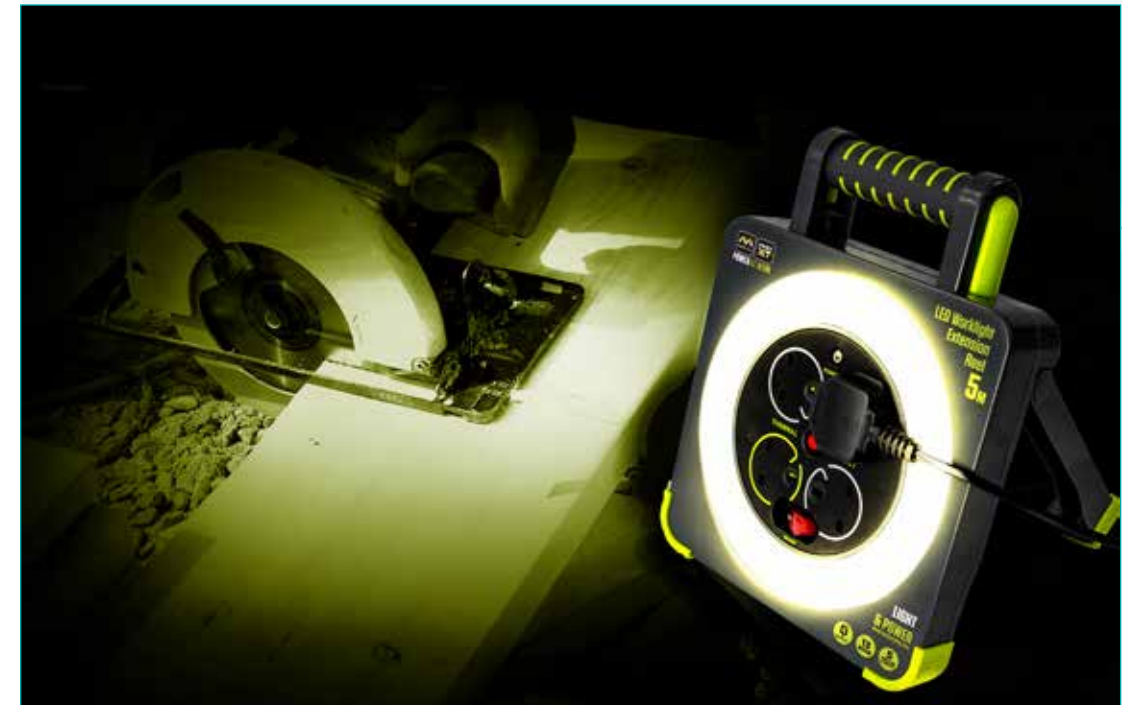
Cassette Reel

- Four Sockets – allows you to connect four items safely into one outlet
- Socket Safety Shutters – prevents the insertion of foreign objects
- Ten Metres of Cable – to extend the reach of the socket
- Ergonomic Handle and Rear Grip – for comfort and ease of use
- Pull-Out Drum Handle – quickly wind in the cable at the end of each use
- Localised Power Switch – control the power where you are working

4 SOCKETS   **10m**   **13** AMPS

Cat No.	Description	Rating	Cable Length	Socket	Carton Qty
CMU10134SL-PX	Cassette Reel	13A	10m	4	5

Case Reel

- Four Sockets – allows you to connect four items safely into one outlet
- Socket Safety Shutters – prevents the insertion of foreign objects
- 15 Metres of Cable – to extend the reach of the socket
- Ergonomic Handle Grip – for comfort and ease of use
- Pull-Out Drum Handle – quickly wind in the cable at the end of each use
- Localised Power Switch – control the power where you are working

4 SOCKETS   **15m**   **13** AMPS

Cat No.	Description	Rating	Cable Length	Socket	Carton Qty
HMU15134SL-PX	Case Reel	13A	15m	4	3

Open Reels

- Four Sockets – allows you to connect four items safely into one outlet
- Socket Safety Shutters – prevents the insertion of foreign objects
- 25 or 50 Metres of Cable – to extend the reach of the socket
- Ergonomic Handle Grip – a two-tone superior handle grip, for comfort and longevity
- Pull-Out Drum Handle – quickly wind in the cable at the end of each use
- Localised Power Switch – control the power where you are working
- Integrated Cable Guide – reduces tangles and speeds up winding in

4 SOCKETS   **25m**   **50m**   **13** AMPS

Cat No.	Description	Rating	Cable Length	Socket	Carton Qty
OMU25134SL-PX	Medium Open Reel	13A	25m	4	1
OLU50134SL-PX	Large Open Reel	13A	50m	4	1

Open Reel with USB

- Four Sockets – allows you to connect four items safely into one outlet
- Socket Safety Shutters – prevents the insertion of foreign objects
- 25 Metres of Cable – to extend the reach of the socket
- Two USB Ports (2.1A Shared) – for charging your portable devices whilst working, keeping power tools connected
- Ergonomic Handle Grip – a two-tone superior handle grip, for comfort and longevity
- Pull-Out Drum Handle – quickly wind in the cable at the end of each use
- Localised Power Switch – control the power where you are working
- Integrated Cable Guide – reduces tangles and speeds up winding in

4 SOCKETS   **25m**   **2 USB** SOCKETS   **13** AMPS

Cat No.	Description	Rating	Cable Length	USB Output	Socket	Carton Qty
OMU25132USL-PX	Medium Open Reel with USB	13A	25m	2.1A	2	1

Metal Open Reel

- Four Sockets – allows you to connect four items safely into one outlet
- Socket Safety Shutters – prevents the insertion of foreign objects
- 40 Metres of Cable – to extend the reach of the socket
- Heavy Duty Metal Drum – provides additional security for heavy duty tasks
- Ergonomic Handle Grip – a two-tone superior handle grip, for comfort and longevity
- Pull-Out Drum Handle – quickly wind in the cable at the end of each use
- Localised Power Switch – control the power where you are working
- Integrated Cable Guide – reduces tangles and speeds up winding in

4 SOCKETS   **40m**   **13** AMPS

Cat No.	Description	Rating	Cable Length	Socket	Carton Qty
OTLU40134SL-PX	Large Metal Open Reel	13A	40m	4	1

IP Rated Reverse Reel with Pull Out Socket

- IP54 Rated Pull-Out Socket – ideal for use with pressure washers and in damp conditions
- Socket Safety Shutters – prevents the insertion of foreign objects
- 25 + 3 Metres of Cable – to extend the reach of the socket
- Innovative Reverse Reel – leave the reel behind and take the socket with you
- Ergonomic Handle Grip – a two-tone superior handle grip, for comfort and longevity
- Pull-Out Drum Handle – quickly wind in the cable at the end of each use
- Integrated Cable Guide – reduces tangles and speeds up winding in

1 SOCKET   **25m +3m**   **IP54** RATED   **13** AMPS

Cat No.	Description	Rating	Cable Length	Socket	Carton Qty
OMU2513FL3IP-PX	Reverse Medium Open Reel	13A	25+3m	1	1

POWER
AT WORK

Anti-Twist Reverse Reel

- IP54 Rated Pull-Out Socket – ideal for use with pressure washers and in damp conditions
- Socket Safety Shutters – prevents the insertion of foreign objects
- 30 + 3 Metres of Cable – to extend the reach of the socket
- Innovative Reverse Reel – leave the reel behind and take the socket with you
- Anti-Twist – prevents cables and connected devices tangling when cable is being pulled out or retracted
- Ergonomic Handle Grip – a two-tone superior handle grip, for comfort and longevity
- Fold-Out Drum Handle – quickly wind in the cable at the end of each use
- Integrated Cable Guide – reduces tangles and speeds up winding in

4 SOCKETS | **30m +3m** | **IP54** RATED | **13** AMPS

Cat No.	Description	Rating	Cable Length	Socket	Carton Qty
OATRU3013FL3IP-PX	Reverse Anti-Twist Reel	13A	30+3m	1	1

Wall Hanging Bracket

- Ideal for Use with the Reverse Reel – pull out the socket and leave the reel behind
- Lock Features – provides additional security
- Neat and Tidy Solution – store a cable reel on the wall when not in use
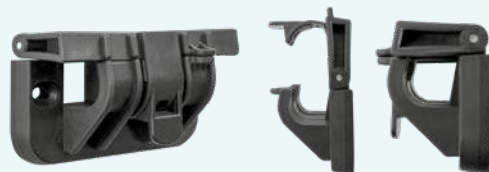
Cat No.	Description	Carton Qty
OWHB-PX	Open Reel Wall Bracket	10
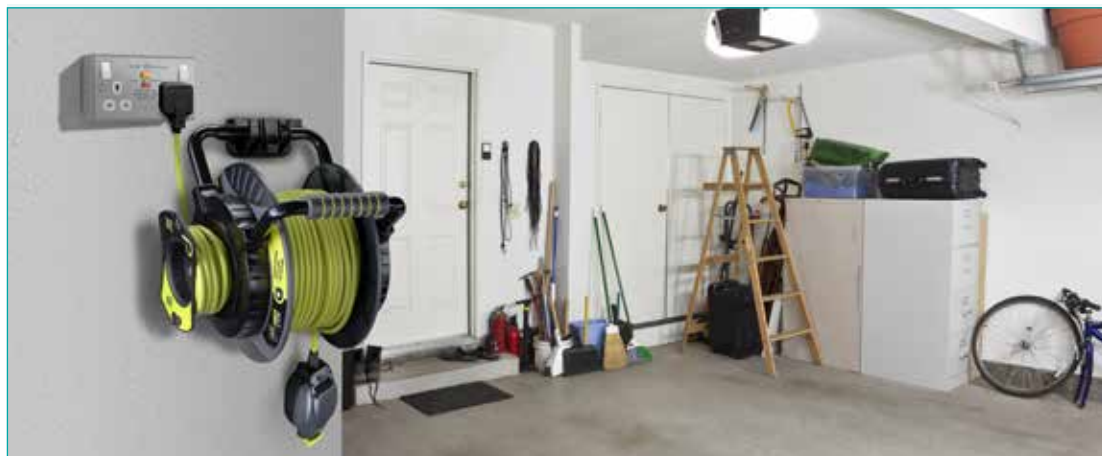
POWER
AT WORK

SCAN HERE for full details

EXTENSION LEADS

TRANSFORMERS

CABLE REELS

PORTABLE LIGHTS

PLASTERERS LIGHTS

TRIPOD LIGHTS

THERMAL CUT OUT

THERMAL CUT-OUT
Prevents cable overheating when fully reeled, and allows you to reset if cut-out occurs

LED INDICATOR

LED INDICATOR
LED indicator shows that power is live.

HIGH VIS

HIGH VIS CABLE
High visibility ensures against tripping hazard and cable cut through.

1 YEAR GUARANTEE

1 YEAR GUARANTEE
Masterplug offers a five year guarantee on its Pro-XT cable reels.

DRUM WIND HANDLE
Making retracting the cable after use easy

CARY HANDLE
Allows for easy transportation

THERMAL CUT-OUT
Prevents cable overheating and allows you to reset if cut-out occurs

THE PROFESSIONAL'S CHOICE FOR PORTABLE POWER

WWW.POWER-AT-WORK.UK

Cable Reel

• Two 16A 110V IP44 Sockets – ideal when being used on sites with temporary power
• 25 or 50 Metres of Cable – to extend the reach of the socket
• Robust Design – ideal for Site, DIY and light commercial use
• Safety Thermal Cut-Out – prevents overheating if reel is overloaded when not fully unreeled
• Carry Handle – allows for easy transportation
• Drum Wind Handle – making retracting the cable after use easy
• Power Indicator – shows that your device is connected to the mains
• Highly Visible Yellow Cable – ideal for site use

Cat No.	Rating	Sockets	Cable Length	Carton Qty
LVCT2516/2-MP	16A	2	25m	1
LVCT5016/2-MP	16A	2	50m	1

Metal Cable Reel

• Two 16A 110V IP44 Sockets – ideal when being used on sites with temporary power
• 30 Metres of Cable – to extend the reach of the socket
• Heavy Duty Metal Drum – provides additional security for heavy duty tasks
• Robust Design – ideal for Site, DIY and light commercial use
• Safety Thermal Cut-Out – prevents overheating if reel is overloaded when not fully unreeled
• Ergonomic Handle Grip – a two-tone superior handle grip, for comfort and longevity
• Drum Wind Handle – making retracting the cable after use easy
• Power Indicator – shows that your device is connected to the mains
• Integrated Cable Guide – reduces tangles and speeds up winding in
• Highly Visible Yellow Cable – ideal for site use

Cat No.	Description	Rating	Sockets	Cable Length	Carton Qty
OTMU30162LV-PX	Metal	16A	2	30m	1

Inline Extension Lead

• One 16A 110V IP44 Socket – ideal when being used on sites with temporary power
• 15 Metres of Cable – to extend the reach of the socket
• Carry Tidy – allows for easy transportation
• Highly Visible Yellow Cable – ideal for site use

Cat No.	Rating	Sockets	Cable Length	Carton Qty
LVIL15-MS	16A	1	15m	4

Portable Transformer

• One 16A 110V IP44 Socket – ideal when being used on sites with temporary power
• 1.5 Metres of Cable – to extend the reach of the socket
• Carry Handle – allows for easy transportation
• Highly Visible Yellow Cable – ideal for site use
• Aluminium Body – built to last

Cat No.	Rating	Sockets	Cable Length	Carton Qty
LV3000VAT-MP	3.3kVA	2	1.5m	1

Tripod Work Light

Supplied with cable tidy for clean storage and easy transportation

• 3000mm H07RN-F 3 core rubber cable
• 110V 16A plug to EN 60309
• Aluminium tripod and heads
• 110V Input Voltage

LUCECO LIGHTING

IP44 RATED
5000K NEUTRAL WHITE

SINGLE   TWIN

Cat No.	Description	Lumens	Wattage	Carton Qty
LSLSTW181V-01	Single Head	1800	22W	2
LSLTTW2181V-01	Twin Head	2x1800	2x22W	2

Climate Non-Corrosive

Supplied with cable tidy for clean storage and easy transportation

• 3000mm H07RN-F 1.5mm² 3 core rubber cable on pre-wired option
• 110V 16A plug to EN 60309
• Polycarbonate body and diffuser
• 110V input voltage
• Supplied with stainless steel clips
• Hard wired option with speedfit installation

LUCECO LIGHTING

6000K COOL WHITE

PRE-WIRED WITH PLUG

IP44 RATED

Cat No.	Type	Driver	Size	Lumens	Wattage	IP Rating	Carton Qty
LSLCL6019L1V-01	Pre-Wired	Standard	2ft/600mm	1900	19W	IP44	4
LSLCL1531L1V-01	Pre-Wired	Standard	5ft/1500mm	3100	31W	IP44	4
LSLCL1530W1V-02	Hard-Wire	Standard	5ft/1500mm	3000	25W	IP65	6
LSLCL1530EW1V-02	Hard-Wire	Emergency	5ft/1500mm	3000	25W	IP65	6

SITE 110V

Open Area Work Light

- 3000mm H07RN-F 1.0mm2 3 core rubber cable
- 110V 16A plug to EN 60309
- ABS+PC+Aluminium

180º

360º

LIGHT DISTRIBUTION
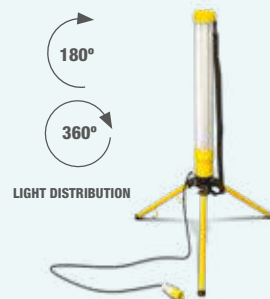
LUCECO L I G H T I N G

Cat No.	Lumens	Wattage	Input Wattage	Carton Qty
LSLOAW361V-01	3600	40W	110V	4
LSLOAW362V-01	3600	40W	220-240V	4

IP44 RATED

6500K COOL WHITE

Portable Work Light

- 3000mm H07RN-F 1.5mm2 3 core rubber cable on pre-wired option
- 110V 16A plug to EN 60309
- Polycarbonate body and diffuser
- 110V input voltage

LUCECO L I G H T I N G

Cat No.	Lumens	Wattage	Carton Qty
LSLPW181V-01	1800	22W	8

IP44 RATED

5000K NEUTRAL WHITE

Plasterers Work Light

- 3000mm H07RN-F 1.5mm2 3 core rubber cable
- 2x16A outlet sockets
- 110V 16A plug to EN 60309
- Polycarbonate body and diffuser and steel stand
- 110V input voltage

OUTLET SOCKET

LUCECO L I G H T I N G

Cat No.	Lumens	Wattage	Carton Qty
LSLPL261V-01	2600	30W	2

IP44 RATED

6400K COOL WHITE

BG

SUPERFAST
USB SOCKETS

45W | **22W**
Perfect for laptops | Ideal for phones

Faster, Smarter USB charging.

With USB Type-C & USB Type-A ports, utilising variable fast charging technology to protect and prolong battery life by only delivering the power a device needs.

Available across our White Moulded, Nexus Metal, Evolve and Flatplate Decorative Wiring Accessories.

For more information contact your local Area Sales Manager

USB A+C

www.**bgelectrical**.uk

Luceco
LED Lighting & Accessories

Luceco provides commercial and domestic lighting solutions, using energy saving and environmentally friendly LED lighting.

Established in 2013, to address the rapidly growing LED lighting market, Luceco has rapidly established itself as one of the leading brands for professional lighting in theUK. It continues to Innovate and regenerate its product offer to provide the most efficient and comprehensive range of lighting solutions.

www.**luceco**.com

Why LED?

ENVIRONMENTALLY FRIENDLY

Fluorescent lighting contains mercury. LEDs do not. This makes LEDs safer both to use and dispose of. The mercury contained in just one fluorescent lamp is enough to contaminate 30,000 litres of water beyond safe drinking level limits. Fluorescent lamps are therefore classified as 'hazardous waste'.

COST EFFECTIVE

The true cost of fluorescent lighting is not only in its energy consumption. There is also maintenance over its lifetime, replacement labour and lamp outlay, and disposal costs. With LED, these costs don't exist. LED is a Fit-&-Forget solution.

SAFE LIGHTING

LEDs emit minimal Ultra Violet light (UV). UV light attracts insects and can be harmful to skin, clothing and artwork. Heat emissions are greatly reduced with LED, which means they are cool to touch and perfect for heat sensitive applications

INSTANT LIGHT

LEDs produce 100% light instantly, with none of the warm up time required by fluorescents.

DURABILITY

LEDs do not contain a filament that can be damaged by shock and vibration – making LED one of the most stable light sources available.

LONG LIFE

The life of LED is between 4 and 40 times greater than traditional products. What's more, they produce consistent light output over their entire life.
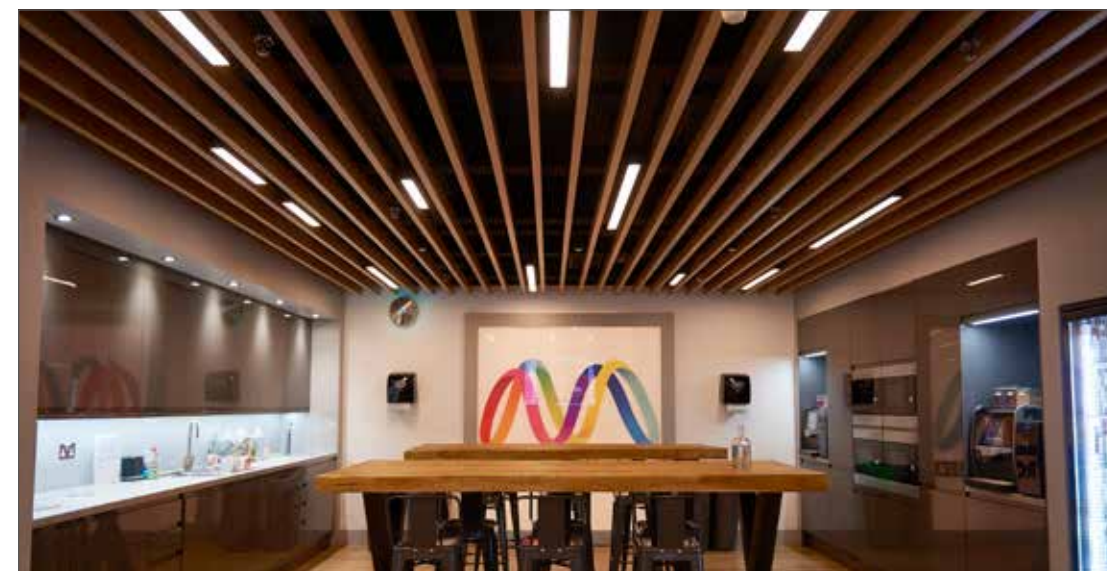
LED Panels

Recessed lighting within suspended ceilings for offices, classrooms and other commercial environments plays a vital role in the overall performance of the space.

A complete range of flexible high quality panels and accessories suitable for all areas.

Our LED Panel range includes:
• Sigma Plus
• Luxpanel Backlit Extra
• Luxpanel Essence

Surface / Suspended

Comfort without comprise for offices and education applications. Luceco offers a comprehensive range of stylish surface and suspended LED lighting luminaires, suitable for any industry use.

Our Surface & Suspended range includes;
• Leren (Surface and Suspended options available)
• Contour (Recess and Suspended options available
• Academy
• Opus

Commercial Downlights

Perfect for large scale projects, our range of commercial LED downlights is designed with easy installation, long-life technology and the lowest possible maintenance needed in mind. A perfect choice for commercial & residential enviroments.

Our Commercial Downlight range includes:
• Platinum Downlight
• Platinum Mini Downlight
• Carbon Downlight
• Luxpanel Circular Downlight

Fire Rated Downlights

Downlights are increasingly used in residential and commercial spaces for both general and accent lighting. The appearance of a clean ceiling line enhances the modern environment.

A complete range of downlights available, up to 90 minute fire rated with options available on finish, colour temperature and adjustability.

Our Fire Rated Downlight range includes:
• FType Elite
• FType Mk2
• FType Essence

LUCECO LIGHTING

FTYPE

FIRE RATED DOWNLIGHTS

Elite

6W maximum performing
1st & 2nd fix downlight
with CCT, Wattage selector
and Dim2Warm technology

500 VOLT TESTING COMPATIBLE

DIM2 WARM **COLOUR CHANGE**

Mk2

6W maximum performing
retrofit downlight with
CCT, Wattage selector and
Dim2Warm technology

DIM2 WARM **COLOUR CHANGE**

Essence

5W high performing
retrofit downlight

3000K WARM WHITE **4000K COOL WHITE**

QuickView*™ *Window
Check wired cable connections are
secure after locking lid shut.

Easy and quicker install
Speedfit™ Connector - Trade rated
Speedfit loop-in/out piano terminals for
solid or stranded cable.

www.**luceco**.com

DESIGNED FOR
ULTIMATE FLEXIBILITY

TITAN | ALL·IN·ONE
from Luceco

Easily switch beam angles, colour temperature, and wattage for perfect lighting in any environment.

< UNIQUE ROTATING, BEAM ANGLE ADJUSTMENT >

Plug & Play

Plug and Play
Microwave and Emergency packs for on-site adjustability.

5 YEAR Warranty

Tough and Durable
Engineered to last, backed by a 5 year warranty.

170 Llm/W

Advanced Performance
Precise lighting control and impressive efficacy.

Bulkhead

Bulkheads are an essential part of many lighting installations, typically used either ceiling or wall-mounted, internally or externally.

Our wide range of bulkheads are available in multiple decorative finishes with suitable ingress protection. Additionally, some ranges offer microwave sensors for presence detection.

Our Bulkhead range includes:
• Mosi Bulkhead
• Sierra Bulkhead
• Celeste Bulkhead
• Atlas Bulkhead
• Andes Bulkhead

Industrial

Industrial lighting applications come in a variety of shapes and sizes. The type of lighting required is dependent on the ceiling height, area use and the environment.

Our wide range of linear, highbay and lowbay lights offer multiple lumen outputs and lighting distributions ensuring a suitable solution for all applications.

Our extensive Industrial range includes:
• Ceres
• Luxbay Ultra
• Titan Highbay
• Elara Bay

Linear

Lucecos flexible range of linear LED lighting suitable for use in a wide range of industrial, commercial and sporting applications. Easy to install and robust, our Linear LED lighting is built to last.

Our Linear lighting range includes:
• LuxPack Essence
• Climate Essence

Kingfisher

Distinctive Products, Outstanding Service

Illuminating exterior lighting collection offering quality output and a durable design, perfect to enhance any lighting scheme.

Our Kingfisher lighting range includes:
• Amnis Floodlight
• Alfresco 2.0 Bulkhead
• Viva-City Pro
• Deco Bollard

Essence Floodlights

Utilising the latest high efficiency LED technology, Luceco Essence Floodlights have:

More user friendly*, Less install time
- Easy fit fully rotatable mounting bracket
- 1m pre-wired in rubber cable
- PIR over-ride

More light output, Less wattage*
- Range includes four outputs offering up to a 500W Halogen equivalent from just 50W

More illumination, Less wasted light*
- Precision designed reflector provides a controlled beam angle

Rotatable Ball Joint Bracket

Exterior Decorative

Light up your garden with our amazing exterior decorative lighting collection. Premium quality, dynamic and durable.

The Exterior Decorative range combines performance with aesthetics to create functional and beautiful outdoor spaces. They are designed to match in colour temperature, finish and construction.

Our Exterior Decorative range includes:
- Azurar Wall Lantern
- Azurar Stainless Steel Wall Lights
- Extensive range of decorative wall lights

Inspection, Work Lights & Site 110V Lighting

Luceco's range of new LED Inspection Lights offer tradesmen, installers and quality inspectors a durable LED work light suitable for any work place.

Our Worklight and Site 110V Lighting range includes:
- Rechargeable Work Light Folding Magnetic
- Herculous open area work light
- Full range of USB Torches
- Eco Slimline Tripod Work Lights
- Complete 110V Lighting range

LUCECO
LIGHTING

INSPECTION & WORK LIGHTS

The Professional's Choice

Reliable, High-Quality, Innovative Lighting

Durable & Tough:
Built with robust materials and IP-rated to withstand the toughest work environments.

Versatile Lighting:
Bright, consistent coverage for any task, ensuring no area is left in the dark.

Long-lasting Performance:
Extended working hours at full output without compromising battery life.

Innovative Solutions:
From versatile mounting for hands-free use to a built-in USB power bank, Luceco Inspection Lights are designed to make your work easier.

NEW

Luceco PLATFORM

THE FUTURE OF LIGHTING CONTROL

MASSIVE SAVINGS
AT YOUR FINGERTIPS

The Platform wireless lighting control solution from Luceco is designed to support a variety of lighting control strategies. You can mix them, monitor the results, and quickly introduce desired changes to maximize savings. Make sure your luminaires provide light only when and where it's needed!

up to 50%

OCCUPANCY SENSING

Never light unoccupied spaces again. Deploy sensor-driven automation to generate lighting energy savings of up to 50%.

up to 20%

DAYLIGHT HARVESTING

Make sure your rooms are not overlit. Automatically adjust luminaires' output to natural light availability and save up to 20%.

up to 30%

SCHEDULING

Put your luminaires on a schedule that precisely matches your business hours. Lighting energy savings can reach up to 30%.

up to 40%

MANUAL CONTROL

Regardless of what strategies you deploy, you can accompany them with convenient wireless switches/dimmers. End users will be able to adjust lighting in response to visual needs, and you might save up to 40%.

up to 40%

TASK TUNING

From simple high-end trim to sophisticated multi-scene scenarios, make sure your lighting is always perfectly tailored to the requirements of your employees / customers. They will feel great and you might save up to 40% of lighting energy.

up to 15%

ENERGY MANAGEMENT

From single luminaires to entire buildings, you can get detailed energy consumption data just as you need it – in the form of raw numbers or convenient visual heatmaps. Analyze that data and find the strategies that work best for you to maximize savings!

Luceco Custom Service
Lighting & Design

Free SERVICE

With over 100 years of combined lighting design experience, our expert team are on hand to provide free lighting design solutions for any lighting projects ensuring compliance to the latest British Standards and CIBSE lighting guidelines.

We are also on hand to offer specialist advice and knowledge on our extensive product range and applications.

RELUX light simulation tools

Luceco utilise the latest lighting design software by Relux, and are able to provide in-depth reports for each of their lighting calculations. As a member of Relux, Luceco's full photometric data portfolio is available on its software if clients wish to perform their own designs.

theLIA

Our skilled team of lighting designers are fully qualified through the Lighting Industry Association.

Kingfisher Lighting

As well as Luceco's own in-house lighting design service, we are fully supported by our specialist external lighting company who offer a free design service tailored for exterior applications.

Return on Investment

Luceco are also able to produce 'Return of investment' calculations to show potential payback and energy savings for our proposal to clients.

How it works:

1. Gather information required for a lighting design to be created, including drawings or dimensions, specifications and ceiling heights.

2. Submit these details to your Area Sales Manager or email: **lighting-design@luceco.com**

3. Once completed, your lighting design will be emailed out to you, including luminaire part codes and quantities, lighting calculations, and marked up drawings if available. **lighting-design@luceco.com**

Luceco
LIGHTING CALCULATOR

01952 238 100

www.**luceco**.com

DESIGNED TO HELP YOU — Calculate how many luminaires you need to light your space ...

ENTER APPLICATION

ENTER DIMESNIONS
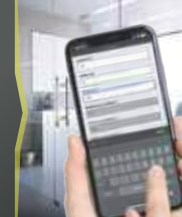
HIT CALCULATE

GET RESULTS

LIGHTING OPTIONS

TV Mount Benefits

Ross TV mounts help to avoid glare and give a comfortable viewing position, for the best possible TV and home cinema experience. TV mounts save space in your room and keep the TV out of reach of children and pets.

5 year warranty

As standard for peace of mind.

UK customer support

To provide guidance and resolve any questions.

Spirit level

Included in the accessory bag as standard, for accurate installation every time.

Plastic-free packaging

All fixings are now in paper envelopes. No parts are supplied in plastic bags.

Options

All ranges offer articulation and adjustment options to suit the preference of each customer and each mounting situation – flat to wall, tilt and turn or the ultimate flexibility of full motion. They are available in a range of sizes to mount virtually any TV.

Flat to Wall

· Simple, elegant picture-style mounting
· Low profile designs mount TV as close as possible to wall

Turn &/or Tilt

· Tilt action permits TV positioning to avoid screen glare and reflections
· Models featuring swivel action offer improved viewing flexibility, especially when combined with single arm extension
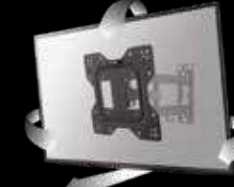
Full Motion

· Full articulation mounts permit ultimate viewing flexibility
· Ideal for mounting into corners or to rotate screen at right angles to wall

ROSS

TV Mounts
& Accessories

Ross is a leading manufacturer of TV wall mounts and AV accessories. We offer a full range of products to suit every requirement and use case, from entry level to premium.

We have the capability to produce in-house at our industry leading manufacturing facility to meet specific customer requirements and our products are sold worldwide through a network of trade and retail partners.

www.**ross**.uk

Understanding VESA Mount Standards

VESA (Video Electronics Standards Association) has developed a set of standard mounting holes for TVs and monitors, followed by most manufacturers. All Ross brackets conform to one or more of these VESA standards.

Simply take a look in your TV's instruction manual, web support page or measure the spacing of the holes on the back of the TV itself, to select the correct size for your screen.

Each mount's VESA compatibility is shown on the product packaging with simple universal icons, as well as colour-coded pack artwork to help find compatible mounts for your screen size.

400mm

400mm

| 100x100 | 13-27" S | 200x200 | 23-50" M | 400x400 | 32-70" L | 600x400 | 50-85" XL |

Electrical Accessories – Wiring Devices & Circuit Protection

Email: sales@bgelectrical.co.uk   www.bgelectrical.uk
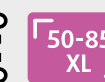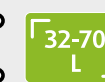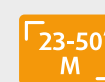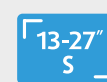
HDMI Cables

- Supports HDMI with Ethernet – take advantage of your SMART internet-enabled devices without a separate Ethernet cable
- High density triple shielding for maximum rejection of EMI and RFI interference
- 24k gold plated connector resists corrosion and ensures an optimum connection for maximum signal transfer
- Resolutions up to 4K at 50/60Hz (2160p) – four times the clarity of 1080p/60 video resolutions, for the ultimate audiovisual experience

TV COAX Cables & Connectors

- For connecting equipment using a TV aerial socket or to extend an existing TV aerial cable
- Plastic moulded heads with strain relief
- Splitter – Allows you to connect two TVs to one aerial
- Includes Female couple to allow you to extend or convert the cable from Male to Female

F/Satellite Cables & Connectors

- For connecting your TV to your satellite box or wall socket
- Plastic moulded heads with strain relief
- Male to Male nickel satellite 'F' plugs
- Includes Female coupler to allow you to extend or convert the plug from Male to Female
- F Type SAT connector – allows you to construct or replace damaged satellite 'F' leads/connector

Reception & Distribution

- Receive full High Definition digital television signals and DAB radio programmes
- All Ross reception and distribution products have an Integrated 4G filter which removes any interference caused by 4G mobile networks
- Flat – Ultra flat design, offers superior performance with a stylish, discreet appearance

Audio Cables

- Audio jack to phono-connect your speakers to a portable device and share your music
- Phono cable-connect your audio equipment together
- Audio jack extension cable - connect or extend your stereo, headphones or any device that uses an audio jack
- 3-phono to 3-phono – connect your TV and audio equipment to one another

USB Accessories and Cables

- Car charger for convenient charging of portable devices while you are on the move
- Plug into a car's standard 12-volt outlet to convert it to USB-A ports of 2.1A and 1A
- Compatible with A to C USB cable (USBAC35G1). USB C and Lightning cables are also available in the Masterplug range.

LUCECO
G R O U P

Everything
Under One Roof

*Your Complete **Residential** Solution*
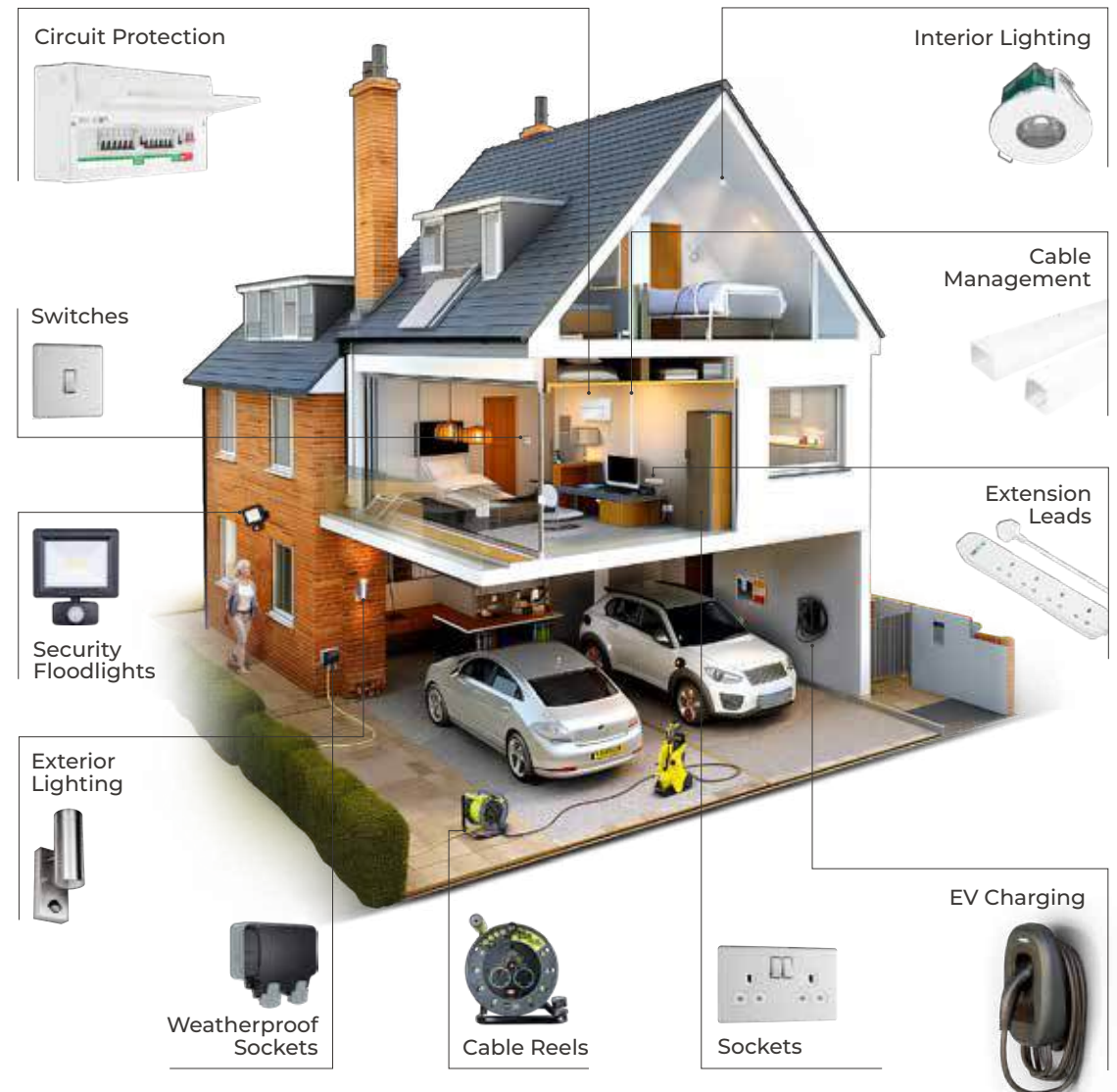
Circuit Protection

Interior Lighting

Switches

Cable Management

Security Floodlights

Extension Leads

Exterior Lighting

EV Charging

Weatherproof Sockets

Cable Reels

Sockets

Electrical Accessories – Wiring Devices & Circuit Protection

Notes

LUCECO
G R O U P

Everything
Under One Roof

*Your Complete **Commercial** Solution*

Interior Lighting

Monitor Brackets

Workstation Power

EV Charging

Exterior Lighting

Power Distribution

BRITISH BG GENERAL

SYNC energy

masterplug

LUCECO LIGHTING

D-LINE

BG Terms & Conditions

1.   DEFINITIONS
1.1   In these Conditions the following expressions shall have the following meanings:
1.1.1   "Contract"means the quotation, these Conditions of Sale and any other document which it is agreed by the Seller to incorporate into a contract between the Seller and the Customer'
1.1.2   "the Customer"means any person, firm or company entering into a Contract with the Seller'
1.1.3   "Goods"means all and every item of goods or part thereof supplied by the Seller and where relevant includes any work carried out by, or any service supplied by, the Seller
to the Customer;
1.1.4   "Seller" means BG Electrical Limited;

2.   GENERAL
2.1   These Conditions apply to all contracts for the sale of Goods by the Seller and supersede any previous Conditions of Sale published by the Seller. No additions or modifications to
our terms and conditions inconsistent with these Conditions shall be binding upon the seller unless expressly agreed by the Seller in writing.
2.2   All brochures, catalogues, price lists and other advertising or descriptive material submitted to the Customer are intended to be approximate only and to give a general impression of
the Goods. Unless expressly incorporated the same shall not form part of the Contract. The Seller reserves the right to make minor alterations to the design specification or
construction of the Goods without prior notification to the Customer.
2.3   Under no circumstances will the Seller be liable for technical information, recommendations, statements or advice (hereinafter together referred to as "information") whether oral or
in writing furnished by the seller, its servants or agents before a contract of sale is made, where that information is given in reliance on information published or provided by an
independent company or person.
2.4   The Customer shall be responsible for complying with any legislation or regulations (of the United Kingdom or any other country) governing the export and import of the Goods into
the country of destination (and any other country through which the Goods pass in transit) and for the payment of any duties thereon. The Customer shall fully indemnify the Seller
against any fines, penalties, costs, claims, damages, losses and the expenses suffered by the Seller as a result of the Customer failing to comply with this Clause.

3.   QUOTATION AND ORDERS
3.1   No contract for the supply of Goods will be created by the acceptance of a quotation or by an order by the Customer until the Seller acknowledges such acceptance or order (either
verbally in writing) or commences work on the order.
3.2   If the Seller provides a quotation such quotation is only open for a period of 30 days and (without prejudice to clause 3.1) the Seller reserves the right to refuse to accept any order
based upon a quotation unless an order is made within such period.
3.3   If the Goods are to be manufactured or any process is to be applied to the Goods by the Seller in accordance with specification submitted by the customer, the Customer shall
indemnify the Seller against all losses, damages, costs and expenses awarded against or incurred by the Seller in connection with or paid or agreed to be paid by the Seller in
settlement of any claim for infringement of any patent, copyright, design, trademark or other industrial or intellectual property rights of any other person which results from the Seller's
use of the Customer's specification.
3.3.1   The Seller reserves the right to make any changes in the specification of the Goods which are required to conform with any applicable safety or other statutory requirements or,
where the Goods are to be supplied to specification, which do not materially affect their quality or performance.

4.   PRICE AND PAYMENT TERMS
4.1   Subject to clause 4.2.1 all prices charged are those current at the time of despatch of the goods. All prices are inclusive of carriage (subject to clause 7.1) but exclusive of VAT.
4.2   Payment for the Goods shall be due and payable in POUNDS STERLING by the last day of the month following that in which the goods have been dispatched.
4.2.1   A discount (as specified in the Sellers price list) of the price (exclusive of VAT and delivery charges) shall be allowed if payment is made by such date. No discount shall be allowed
on any payment made after that date and the Seller reserves the right to charge interest at 3% above The Royal Bank of Scotland plc's base lending rate for the time being on any
overdue payments until repaid in full.
4.3   The Seller reserves the right to recover from the Customer all direct expenses reasonably incurred by the Seller in the collection of any overdue sums.
4.4   Without prejudice to any other rights of the Seller, if there is reason to doubt that the amounts due from the Customer under the terms of the Contract will be paid in full then the
Seller reserves the right to require payment in full before delivering or performing any other work or services whatsoever for the Customer.
4.5   The Customer shall indemnify the Seller against all losses sustained or extra expenditure incurred as a result of such suspension.
4.6   Where payment requested in accordance with this clause is not received within 30 days of demand, the Seller reserves the right to sell or dispose of the goods produced for the
Customer and to recover any additional loss from the Customer.

5.   TITLE
5.1.1   Legal ownership of the Goods is to remain vested in the Seller until the Goods have been paid for in full;
5.1.2   If the Customer obtains possession of the Goods prior to such payment, the customer shall hold the goods in a separate and identifiable form as bailee and fiduciary agent
for the Seller;
5.1.3   Failure to pay the full amount when due shall give the Seller, or its employees or agents, the right to repossess the Goods (and enter the customer's premises for that purpose if
necessary) with or without and without liability and, at its option, to avail itself of any other legal remedy;
5.1.4   The Seller shall have the right to sell the Goods once they have been re-possessed under this condition.
5.2   Notwithstanding this clause 5, the Seller shall be entitled to maintain an action for the price of the Goods at any time after the date when payment is due.
5.3   If prior to payment in full being made the Goods become commingled with similar goods belonging to the Customer and/or any third party the customer shall hold the Seller's
proportion of the commingled Goods or their proceeds of sale on trust for the Seller. The Seller shall be treated as a tenant-in-common of the commingled goods and the Customer
shall hold as trustee for the Sellers' proportion and (if the commingled goods have been sold) pay to the seller its due proportion of the proceeds of the sale.

6.   PERFORMANCE AND FORCE MAJEURE
6.1   The Seller shall take all reasonable steps to perform its obligations and deliver within the time specified, but such times are estimates only. The Seller shall not be liable for expenses
losses or damages caused by late performance or delay in delivery and such late performance or delay shall not entitle the Customer to rescind the contract.
6.2   Without prejudice to the above, the Seller shall have no liability for any expenses losses or damages caused by delay or default in performance of any obligation caused directly
or indirectly by break-down or unavailability of plant or machinery, failure of raw material or supply of raw material, inability to obtain sufficient skilled labour or any other cause or
causes beyond the reasonable control of the Seller.

7.   RISK CARRIAGE PACKAGING AND STORAGE
7.1   Subject to the Seller agreeing the place and method of delivery in writing, the cost of delivery will be paid by the Seller on all orders over the sum specified in the Seller's price list
from time to time and all orders less than such sum will be subject to a "small order"processing charge. In the event that the Seller does not agree the place and method of delivery
the Seller shall be entitled to charge for the cost of delivery.
7.2   Unless the Customers specifies otherwise, the Seller reserves the right in its absolute discretion to choose the means of carriage to the Customer. Any such specific instructions
must be given to the Seller at the time of order and where such specific instructions are given the Seller reserves the right to charge for delivery.
7.3   The risk of any loss, damage to or deterioration of the Goods shall pass to the Customer upon delivery or attempted delivery (in accordance with clause 7.4) of the Goods.
7.4   Once the goods are ready for delivery the Seller shall be entitled to invoice and be paid for the Goods as if they had been delivered if for any reason the Customer does not accept
delivery. In such circumstances the Seller may arrange storage for the Goods and the cost of storage will be added to the Contract price. Where the Goods are to be delivered in
instalments, each delivery shall constitute a separate contract and failure by the Seller to deliver any one or more of the instalments in accordance with these Conditions or any claim
by the Customer in respect of any one or more instalments shall not entitle the Customer to treat the Contract as a whole as repudiated.

8.   TERMS AND REPRESENTATIONS
8.1   The Seller shall have no liability for damages to, deterioration in or partial loss of the goods in transit or shortfall in delivery unless:-
8.1.1   If the matter should have been apparent on a reasonable examination on delivery, the Customer gives written notice to the Seller within 10 days of delivery.
8.1.2   If the matter should not have been apparent on a reasonable examination on delivery, the Customer gives written notice to the Seller within 3 days of delivery.

BG Terms & Conditions

8.2   The Seller agrees to repair or (at its discretion) replace or (at its discretion) issue a credit note in respect of goods which are found to be defective by reason of faulty material and
workmanship which are returned to the Seller within ten years of delivery or within 2 years of delivery for mains related electronic and electronic products providing that each of
the following are satisfied:
8.2.1   Notification of any defect is given to the Seller as soon as reasonably practicable after becoming apparent to the Customer;
8.2.2   The Goods have only been operated under normally operating conditions and have only been subject to normal use;
8.2.3   No work whatsoever (other than normal and proper maintenance) has been carried out to the Goods without the Seller's prior written consent;
8.2.4   The Goods have been assembled or incorporated into other goods by a qualified and recognised electrician and only in accordance with any instructions issued by the Seller;
8.2.5   The defect has not arisen from an item manufactured or supplied by a person other than the Seller.
In respect of any item manufactured by a person other than the Seller, the Customer shall only be entitled to the benefit of any warranty or guarantee provided by such manufacturer
to the Seller.
8.3   To the extent that the Seller is held legally liable to the Customer for any breach of contract or tort or other act, default, omission or statement, the Seller's liability for the same shall
not exceed the price received by the Seller for the Goods;
8.4   To the extent allowed by law the Seller's liability under these conditions shall be to the exclusion of all other liability to the Customer whether contractual, tortious or otherwise for
defects in the Goods or for any loss or damage to or caused by the Goods, and all other conditions, warranties, stipulations or other statements whatsoever concerning the Goods,
whether express or implied by statute, at common law or otherwise are hereby excluded. In particular (but without limitation to the foregoing) the company gives no warranty
regarding the fitness for purpose, performance, use, nature of merchantable quality of the goods, whether express or implied by statute, by common law or otherwise.
8.4.1   Without prejudice to the above, the Seller shall not be liable to the Customer for loss of profit, business, contracts, revenues, or anticipated savings or any special
indirect or consequential damage of any nature.
8.5   If any exclusion or limitation of liability or any other provision contained in the Contract is held invalid under any applicable statute or rule of law, it shall to that extent be deemed
omitted, but if the Seller thereby becomes liable for any liability which would otherwise have been excluded or limited, such liability shall be subject to the other exclusions limitations
or provisions set out in Condition 8.
8.6   The Customer shall fully indemnify the Seller against all losses, damages, costs, actions, claims, demands, fees and other expenses (legal or otherwise) the Seller may incur in
consequence of the Goods being (whether in whole or in part and directly or indirectly) involved in a claim under the Consumer Protection Act 1987 except to the extent that the
alleged defect in the product the subject of such a claim was directly caused by an act or omission of the Seller.

9.   TERMINATION
9.1   The Seller shall, at its option, be entitled by notice to terminate all or any of its Contracts with the Customer and recover all expenses, losses and damage resulting to the Seller
including (but without limitation to) loss of profit or other consequential loss if:
9.1.1   (a) the Customer has a bankruptcy petition presented against him or a bankruptcy order is made;
(b) the Customer makes or seeks to make any composition or arrangement with his creditors or the Customer makes a proposal to his creditors for a voluntary arrangement or
applies for an interim order (within the meaning of Section 286 Insolvency Act 1986);
(c) a receiver or administrative receiver is appointed over any of the customer's assets or an encumbrance takes possession of any of the customer's asset or any of the Customer's
property is taken in execution or process of law;
(d) a petition is presented or any order is made or resolution is passed for the winding-up of the Customer or a petition is presented or an order is made for an administrative order to
be made in relation to the Customer (meaning of Section 123 Insolvency Act 1986); or
9.1.2   The Customer fails to make any payment owed to the Seller on the due date; or
9.1.3   The Customer is in material breach of the terms and conditions of any contract with the Seller (including breach of these Conditions).

10.   CUSTOMER PROPERTY
10.1   If any property of whatsoever nature of the Customer is used in connection with the Goods the Customer shall indemnify the Seller for any loss or claim suffered by the Seller as a
result of using such property. If such property has not been removed within three months from the date on which the price becomes payable, the Seller reserves the right to charge a
storage fee.

11.   NOTICES
11.1   Any notice, consent, notification, acknowledgement, authority or agreement required or referred to in the Contract shall be:
11.1.1   In writing; and
11.1.2   Given to the party for whom it is intended as such party's registered or main office or last known address; and
11.1.3   Given by registered or recorded delivery post and shall be deemed to have been received 3 days after the date of posting.

12.   JURISDICTION
12.1   The Contract shall be governed in all respects by English Law and be subject to non exclusive jurisdiction of the English Courts.

13.   DELIVERY
13.1   Carriage will be paid on all orders to the value of £200 and over. For orders less than £200 nett value there will be a 'small order charge' of £15.00. We reserve the right to supply
outer carton quantities.

Product Support

To support the aesthetic creations of interior designers and different commercial and domestic purposes, BG offers a range of product options and helpful resources to match your project needs.

Part M
BG offers a range of contrasting grey finished accessories to enable compliance with the current Building Regulations Part M. (see page 36)

Packaging
To support construction waste requirements, BG is able to supply products for agreed projects with minimal packaging waste.

Bespoke Products
BG's flexible manufacturing approach allows us to offer a wider range of options that are not listed in this catalogue.
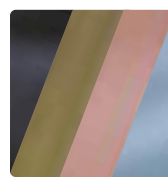
Alternative Colours

Product Engraving Options

Bespoke Products

Bespoke Finshes

Bespoke decorative wiring accessory finishes
Attractive finishes to suit all your project needs
BG has created fourteen unique finishes that are available for selection, or we can endeavour to accommodate a specific finish if required. Available in Nexus Metal & Nexus Flatplate (Screwed/Screwless) ranges (subject to conditions).

Please contact your Specification Manager for more details.
Visit **www.bgelectrical.uk/contact** or call **(01952) 238 100**

Everything
Under One Roof

*Powering **Industrial** Excellance*

3 Phase Circuit Protection

EV Charging

Interior Lighting

Exterior Lighting

UK:
HEAD OFFICE:

Email: info@luceco.com

Luceco plc, Caparo House
103 Baker Street, London,
England, W1U 6LN

DISTRIBUTION CENTRE:

Tel: +44 (0) 1952 238 100
Email: uk_sales@luceco.com

Luceco plc
Luceco Distribution Centre
Stafford Park 1, Telford,
Shropshire, England, TF3 3BD

IRELAND:
Email: sales@luceco.ie

FRANCE:
Email: fr_sales@luceco.com

ITALY:
Email: it_sales@luceco.com

SPAIN:

Tel: +34 93 829 55 75
Email: es_sales@luceco.com

Luceco Southern Europe S.L.C/
Bobinadora 1-5
08302 Mataró
Barcelona, Spain

MIDDLE EAST & AFRICA:
Tel: +971 4 609 1867
Email: mea_sales@luceco.com

Luceco Middle East FZCO
Bldg. 5EB, Office 434
PO Box 371128, DAFZA
Dubai, UAE

ASIA PACIFIC:
JIAXING:

Tel: +86 (0) 573 8357 0200
Email: asia_sales@luceco.com

No 1438, Jiachuang Road Xiuzhou
Industrial Park, Jiaxing Zhejiang, China,
P.C. 314031

HONG KONG:

Email: hk_sales@luceco.com

UNITED STATES:

Email: us_sales@luceco.com

MEXICO & LATIN AMERICA:

Tel: +52 (81) 5000 9437
Email: ventas@luceco.com

Luceco México
AV Lāzano Cārdenas #318 int 201
Col Real San Agustin
San Pedro Garza Garcia
N.L. Mexico CP 66278

TECHNICAL SUPPORT:

Tel: 01952 238 128

Email: technical.support@bgelectrical.
co.uk Lines open Monday to Friday
8.30am to 5pm, with answer phone
service outside these hours.

LUCECO
G R O U P