



Electrical Accessories

Wiring Devices & Accessories

Please call our dedicated sales team for any enquiries:
Tel: 01952 238100 – Email: sales@bgelectrical.co.uk



About Luceco plc

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.

With over 75 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.

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.

With **offices in London, Jiaxing, Hamburg, Paris, Barcelona, Dubai, Hong Kong, Mexico and Johannesburg** we offer sales and support to European, Mediterranean, Middle East, South America, USA, Africa & Asia Pacific regions. The UK distribution facility situated in Telford offers **10,000m² of manufacturing, assembly, distribution, warehousing and sales support.**

Our Brands



LED Lighting

We Luceco LED lighting is part of Luceco plc, alongside other brands including BG Electrical, Masterplug, Kingfisher and Ross. Together they provide a "One Stop Shop" for lighting and electrical accessories. 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.

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 LED lighting.

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

Wiring Accessories

BG Electrical is part of Luceco plc, alongside other brands including Luceco LED lighting, Masterplug, Kingfisher and Ross. Together they provide a "One Stop Shop" for lighting and electrical accessories. BG Electrical is a leading manufacturer and distributor of high quality and innovative wiring accessories, circuit protection and portable power. With over 75 years of experience in manufacturing and distribution of electrical accessories, British General (BG) has gained an invaluable reputation.

Our reputation is based on the reliability and functionality of our innovative products. Offering market leading warranties, technical support, dedicated customer service and marketing backup, we aim to make it easy for customers to specify and install circuit protection devices and wiring accessories from BG Electrical.

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.

- Masterplug is one of the world's most recognisable brands in portable power
- More than 75 years of sales, distribution and manufacturing expertise
- Product range offers solutions for home, garden, DIY, office and commercial

Product Range

The Group's portable power product range includes: cable reels, extension leads, surge protection devices, timers and travel adapters, for indoor and outdoor applications.



TV Wall Mounts/AV Accessories

Ross is a leading manufacturer of premium TV wall mounts and AV accessories. We service all product areas from entry level through to premium with a full range of products to suit every requirement and usage case scenario. All models are produced in-house at our industry leading manufacturing facility and are sold worldwide through a growing network of trade and retail partners.

Product Range

The product range varies from TV mounts, Indoor aerials, SCART & HDMI leads and TV interconnect accessories.

- Connection, HDMI, SCART, USB Charging and audio cables
- Fixing, TV Wall Mounts
- Reception & Distribution, Indoor Aerials

Group Overview



Group global sales in excess of **£176m**



2500+ SKU
Product Portfolio



10,000m²
UK Manufacturing assembly, distribution & warehousing facility



75,000m²
WOFE Jiaxing manufacturing and best in class partnerships in Far East



Workforce
c.1650



75
Years in Business



- Global integrated IT system
- Flexible distribution model



Continually evolving product ranges aligned to market trends

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Sustainability

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, Nexus Industries 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 75 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.



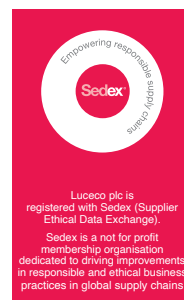
Ethical Policy

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 its standard for its own manufacturing operation and all primary suppliers across all our businesses.

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

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.

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



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



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



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



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.



IN THE RANGE

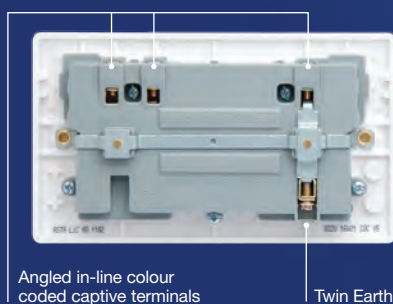
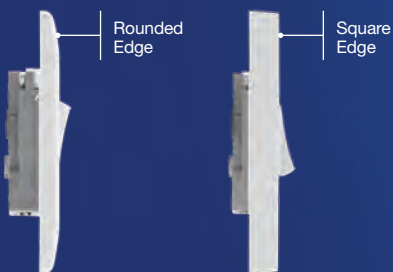
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BG Electrical products are guaranteed against faulty materials and workmanship for a period of 25/30 years from date of delivery.



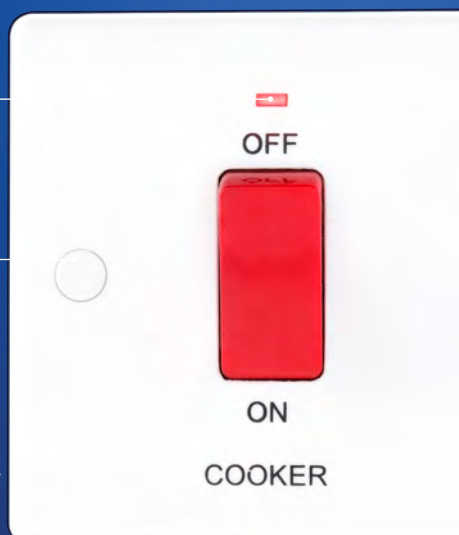
Features & Benefits



Flush LED
power indicators

Screw covers
for sleek
appearance

Made from robust
thermoplastic Urea
with anti-microbial
properties



10 Amp 10AX Plate Switches

- 10 Amp, 10AX 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

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



844



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

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



815F



915



10 Amp 10AX Architrave Switches

- 10 Amp, 10AX 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)

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



847



849



Made by us ... designed by you



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

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
825DP	925DP	Single switched with indicator, DP (export only)	10	100
826	926	Double switched with indicator	5	50
826DP	926DP	Double switched with indicator, DP (export only)	5	50



822DP



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923

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

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



822BELL

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

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



822CON

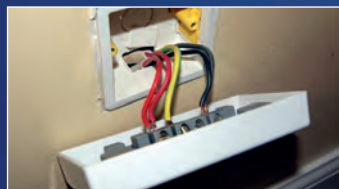
3 Step Easy Install



- 1 Switch off electricity supply & remove the old socket



- 2 Fix to wall box & fit screw cover caps



- 3 Connect the new converter socket



RCD Protection

- Maximum load 3120 watts 240V AC
- 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
- 855RCD – Removable flex outlet
- 10mm spacer provided for shallow boxes



822RCD



855RCD

Round Edge	Description	Inner Carton	Outer Carton
822RCD	13 Amp double switched socket	5	50
855RCD	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	6
8222EM8	2 x Double DP 13 Amp switched sockets and 8 Euro module (2 x 4 EM)	1	6

13Amp 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 20



850



852



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

13Amp 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



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)



874



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

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

45 Amp Cooker Outlet

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



847 – internal view

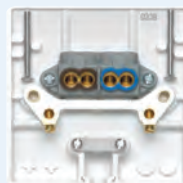


847

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

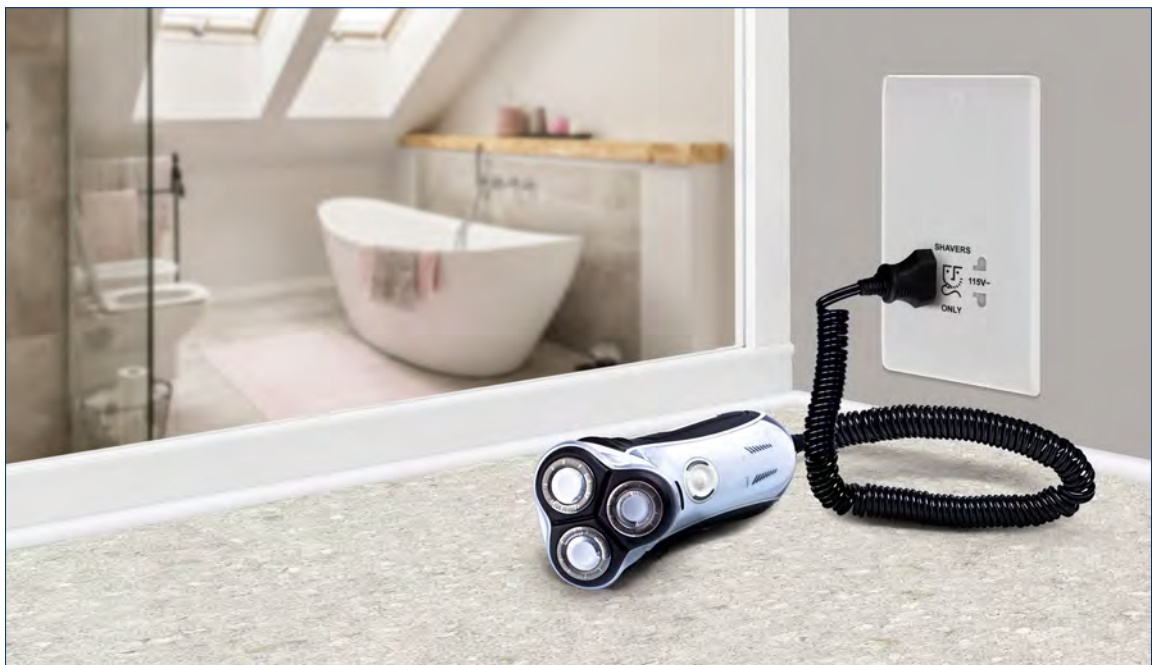
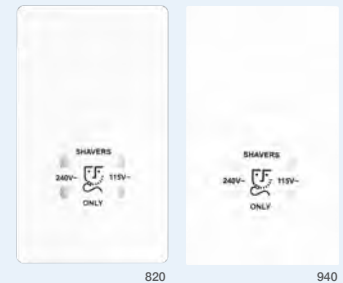
Round Edge	Square Edge	Description	Inner Carton	Outer Carton
830	930	20 Amp	10	100
831	931	20 Amp with indicator	10	100
83112	-	20 Amp double pole switch		
832	-	20 Amp with flex outlet	10	100
832WH	932	20 Amp, marked water heater with flex outlet	10	100
833	-	20 Amp with indicator and flex outlet	10	100
833WH	933	20 Amp, marked water heater, indicator & flex outlet	10	100
834	934	32 Amp with indicator (export only)	10	100



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

Round Edge	Square Edge	Description	Inner Carton	Outer Carton
820	940	115/240V dual voltage shaver socket	5	30

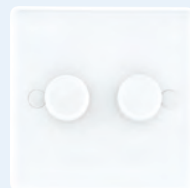


Dimmer Switch – Leading Edge, Push Type

- Leading edge dimmer suitable for use with CFL and LED dimming
- Suitable for use with good quality electronic or wire wound transformers. Can also be used with good quality mains voltage halogen lamps incorporating GU10 bases
- Manufactured to BS EN 60669-2-1
- Minimum mounting box depth – 25mm
- 10mm spacer available to provide additional wiring space (817 – Sq, 818 – Rect)



884P



882P

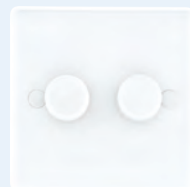


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Round Edge	Square Edge	Description	Inner Carton	Outer Carton
881P	981P	Single, 2 way push on/off 400W	10	100
882P	982P	Double, 2 way push on/off 400W	10	100
883P	983P	Triple, 2 way push on/off 400W	5	50
884P	984P	Quadruple, 2 way push on/off 400W	5	50

Dimmer Switch – Intelligent Trailing Edge, Push Type

- Intelligent trailing edge dimmer suitable for LED, halogen, CFL 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
- 200-250V AC



882

Round Edge	Square Edge	Description	Inner Carton	Outer Carton
881	981	Single, 2 way push on/off (20-200W/5-100W LED)	10	100
882	982	Double, 2 way push on/off (20-200W/5-100W LED)	10	100
883	983	Triple, 2 way push on/off (20-200W/5-100W LED)	5	50
884	984	Quadruple, 2 way push on/off (20-200W/5-100W LED)	5	50



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Intelligent Dimmer Switch

Product Specification

Voltage	200-250AC 50/60Hz
Load Ratings (Max/Min per module)	
Tungsten/Incandescent	20-200W
Eco-Halogen	20-200W
Halogen Lamp (Mains Voltage)	20-200W
Halogen Lamp (Low Voltage 12V)	20-200W
Dimmable LED	5-100W
Dimmable Compact Fluorescent (CFL)	5-100W
Soft Start	1.2 seconds to 100%
Type	Trailing Edge

Replacement Modules

Product Code	Description
DM400AP	2 way leading edge dimmer module, 400W
DMSW8A/2W	2 way push on/off switch, dummy dimmer, 100W
DMTR	2 way trailing edge intelligent dimmer module, 200W



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DM400AP

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



829



899

Round Edge	Square Edge	Description	Inner Carton	Outer Carton
828	928	Single, 2 Amp unswitched socket, round pin		
829	929	Single, 5 Amp unswitched socket, round pin	10	100
829S	-	Single, 5 Amp, switched socket, round pin	5	50
-	994	Double 16 Amp Euro socket (unshuttered)	10	100
-	995	Single 16 Amp Euro socket with switch	10	100
897	997	Single 16 Amp shuttered Euro socket	10	100
898	-	Double 16 Amp shuttered Euro socket	10	100
899	999	Single 15 Amp switched socket, round pin	10	100



994



999

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



**POWER
AT WORK**

Pro-XT is the professionals choice for Portable Power. Developed as the first globally viable portable power offer for trade.

masterplug/proxt.com

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

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



868



960

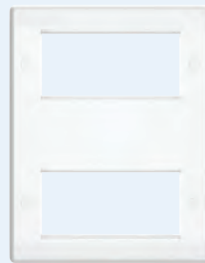
Euro Module Front Plates

- 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

Surface Mount Telephone Sockets

- Manufactured to BS 6312-2

Square Edge	Description	Inner Carton	Outer Carton
TS21	Single telephone outlet master (IDC)	20	200
TS23	Single telephone outlet secondary (IDC)	20	200
TS24	Single telephone outlet master (screw)	20	200
TS26	Single telephone outlet secondary (screw)	20	200



TS21



Weatherproof
Wiring Accessories

See page 84



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
8BTM/1	9BTM/1	Single telephone socket master (IDC)	10	100
8BTM/2	9BTM/2	Double telephone socket master (IDC)	10	100
8BTS/1	9BTS/1	Single telephone socket secondary (IDC)	10	100
8BTS/2	9BTS/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 telephone socket (IDC)	10	100
8RJ45/2	9RJ45/2	Double RJ45 telephone socket (IDC)	10	100



9RJ45/2



8BTM/1



8BTM/2

Telephone Extension Reeler/Kit Micro Flat 'Invisible' & Standard Cable

- Slimline extension kit for extending the range of the telephone
- Invisible cable allows discreet installation
- Simple to fit and install
- Compatible with fax machines and micro filters (TEL12 & TEL18)

Product Code	Description	Inner Carton
TEL11	15 metre compact extension reeler	8
TEL12	10 metre extension kit	4
TEL18	20 metre extension kit	4



TEL18

Telephone Accessories & Adaptors

- Ideal for fixing and managing telephone cable
- Fast installation
- Integrated safety nails bend before breaking
- Connectors for 2 or 3 telephones into a single socket
- ADSL option available to connect telephone and modem to a single socket
- Easy to use and install, no tools required

Product Code	Description	Inner Carton
TEL35	Cable clips, white, pack of 50	5
TEL1	Double adaptor, 1 to 2 outputs	5
TEL3	Triple adaptor, 1 to 3 outputs	5
TEL67	ADSL adaptor, filtered with phone and modem outputs	5



TEL35

TEL3



Wiring Accessories

A new range of reliable contractor wiring accessories required for any installation

See page 110



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

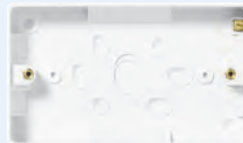


894

Surface Boxes

- 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

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
-	902/10	Double surface pattress 32mm	10	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



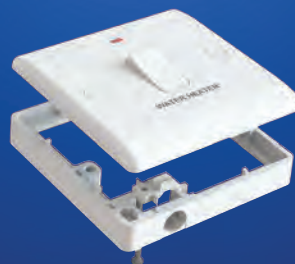
892



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
817	Single 10 mm square spacer	20	200
818	Double 10mm square spacer	10	100
NFS19/10	M3.5 x 19mm screws, pack of 10	100	1000
NFS28/10	M3.5 x 28mm screws, pack of 10	100	1000
NFS38/10	M3.5 x 38mm screws, pack of 10	100	1000



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 46, 48, & 49



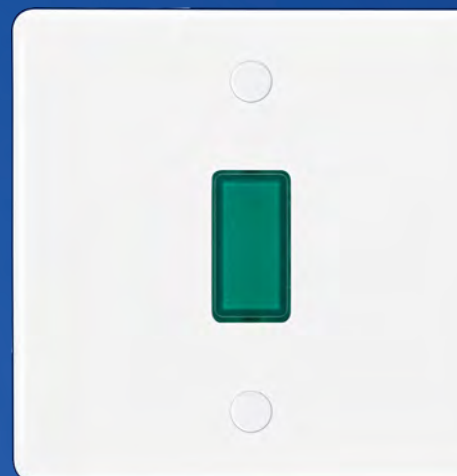
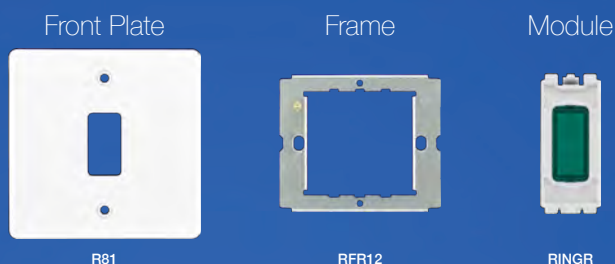
Grid Range Extension

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 40, 41 & 42





USB Type A & C Wiring Accessories



Free your sockets & charge all your devices

USB sockets have integrated USB charging ports, allowing you to plug in an electrical device and charge mobile devices simultaneously without having to sacrifice a power socket.

Ideal for mobile phone, tablets, MP3's and other USB chargeable devices. BG USB sockets have Smart USB's, with standby mode when the device is fully charged; this auto detects the USB device and adjusts the charging pattern to suite, with protective overload function. Available in a wide range of finishes with single and double socket options, and designed to fit a 25mm back box, ideal for retro-fit.

IN THE RANGE

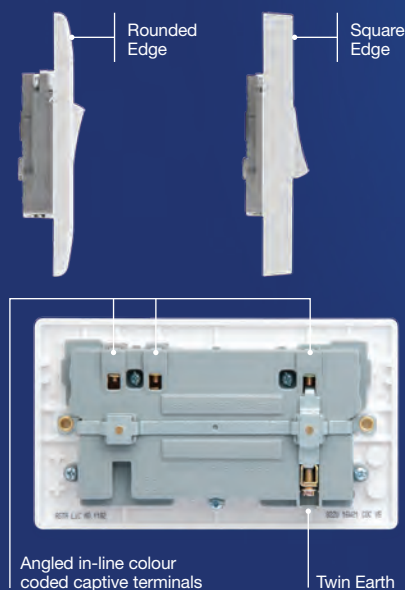
USB A Sockets	24
USB C Sockets	25



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



Features & Benefits



Fits 25mm box

Screw covers for sleek appearance

Made from robust thermoplastic Urea with anti-microbial properties



13Amp Switched Socket with USB Charger – 2 x Outlets 2.1A

- 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
- 2.1A shared across both ports
- 10 year guarantee
- Available with double pole switching for export only.



921U2

Round Edge	Square Edge	Description	Inner Carton	Outer Carton
821U2	921U2	Single SP, switched + 2x USB (2.1A)	10	100

13Amp Switched Socket with USB Charger – 2 x Outlets 3.1A

- 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
- 3.1A shared across both ports
- 10 year guarantee



922U3

Round Edge	Square Edge	Description	Inner Carton	Outer Carton
822U3	922U3	Double SP, switched + 2x USB (3.1A)	5	50

13Amp Switched Socket with USB Charger – 3 x Outlets 3.1A

- 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
- 3.1A shared across both ports
- 10 year guarantee



822U33

Round Edge	Square Edge	Description	Inner Carton	Outer Carton
822U33	922U33	Double SP, switched + 3x USB (3.1A)	5	50

13Amp Unswitched Socket with USB Charger – 4 x Outlets 4.2A

- 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
- Each pair of USB outlets shared 2.1A output
- 10 year guarantee



924U44

Round Edge	Square Edge	Description	Inner Carton	Outer Carton
824U44	924U44	Double, unswitched + 4x USB (4.2A)	5	50



NEW
from BG

Fast Charge Type C USB



Available in White Moulded, Polished Chrome, Brushed Steel and Black Nickel.

The most powerful, fastest charging USB Socket.

13A Power Sockets with integrated 'fast charge' USB-A & USB-C ports, deliver 50% charge to mobile phones in just 30 minutes.

13Amp Switched Socket with USB Charger – 2 x Outlets (30W Variable Output)

- Ideal for charging laptops, 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
- USB Type C Output – 30W Max, 5V/3A; 9/3A; 12V/2.5A; 15V/2A; 20V/1.5A
- USB Type A Output – 27W Max, 5V/3A; 9V/3A; 12V/2.25A
- 10 year guarantee



822UAC30



APPROVED

Round Edge	Square Edge	Description	Inner Carton	Outer Carton
822UAC30	922UAC30	Double SP, switched + 1 x USB C + 1 x USB A	5	50



Smart!

Powered by the BG Home app



Take control of your connected devices from anywhere

Your life connected, your life smarter!



Simple to set up and ideal for retro-fit installation, these sockets work using your home WiFi 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, Google Assistant, IFTTT 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.

IN THE RANGE

Smart Socket	27
Smart Adaptor	27



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.

Control your Power by:

Touch | Voice | Mobile

Compatible with:

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

GET IT ON Google Play | Download on the App Store

13Amp Switched Smart Socket & 13Amp Smart Power Adaptor

- Manufactured to BS1363-2
- Control and schedule power in the home or outside via touch, voice commands or App
- Operates using your home WiFi network on 2.4GHz
- Set timer schedules, countdown function or random security options
- Compatible with Google Home, Amazon Alexa, Siri Shortcuts and IFTTT

Socket

- Individual socket control
- Minimum mounting box depth – 25mm; ideal for retrofit
- 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

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.



Expand your WiFi coverage throughout your home

WiFi 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



IN THE RANGE

WiFi Extender Socket 29



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



13 Amp WiFi Extender Socket with USB Charger 1x Outlets 2.1A

- Extend your WiFi coverage through-out your home
- Works with all wireless broadband routers
- Easy to install and setup with one touch WPS
- N300 WiFi 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



Round Edge	Square Edge	Description	Inner Carton	Outer Carton
822UWR	922UWR	Double 13 Amp, SP, switched with WiFi extender + 1x USB (2.1A)	5	50



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).

IN THE RANGE

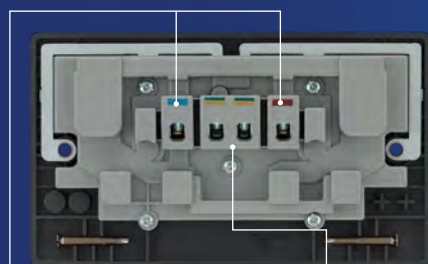
USB Sockets	32
Switches & Sockets	32
FCU's	33
45 Amp Switches	33
Ceiling Cords/Switches	33



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



Features & Benefits

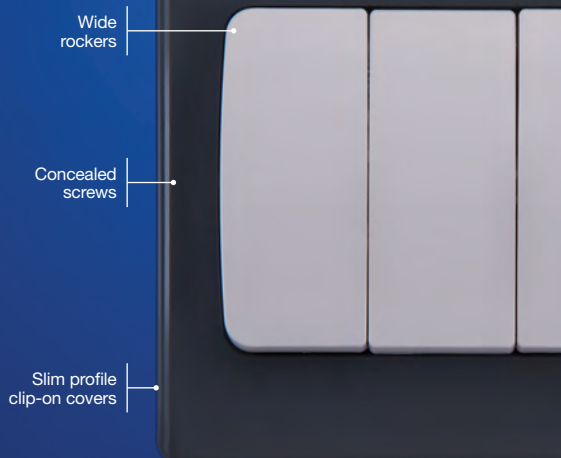


Angled in-line colour coded captive terminals

Twin Earth



Modern slim profile



Wide rockers

Concealed screws

Slim profile clip-on covers

13 Amp Switched Socket with USB Charger 2x Outlets 3.1A

- 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
- 2.1A shared across both ports
- 10 year guarantee



PM22U3

Product Code	Description	Inner Carton	Outer Carton
PM22U3	Double, SP, switched, outboard rockers + 2 x USB (3.1A)	5	50

10 Amp 10AX Plate Switches Wide Rocker

- 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



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

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



PM31

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

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



PM54



PM52

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

Product Code	Description	Inner Carton	Outer Carton
PM70	Cooker control unit with 13 Amp socket indicators	5	50
PM74	Single plate with indicator	10	100



PM70

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

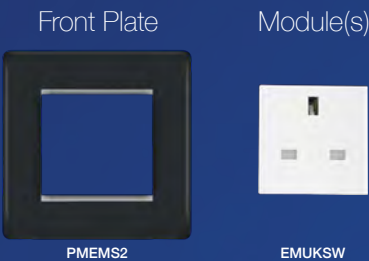
Euro Module Range Extension

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

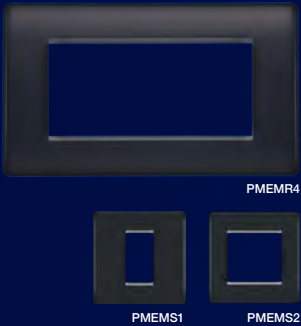
See page 46



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

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



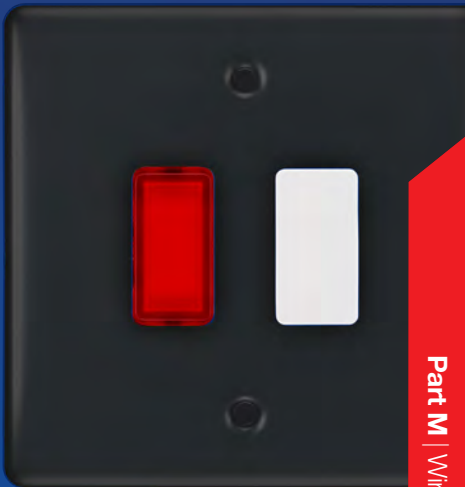
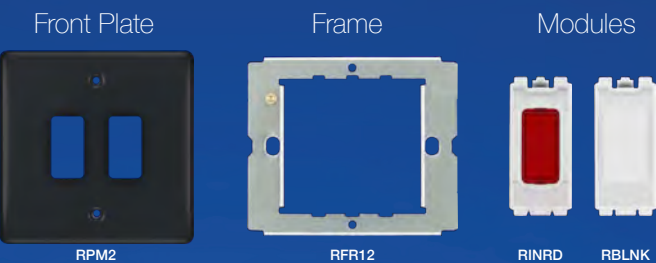
Nexus Grid Range Extension

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

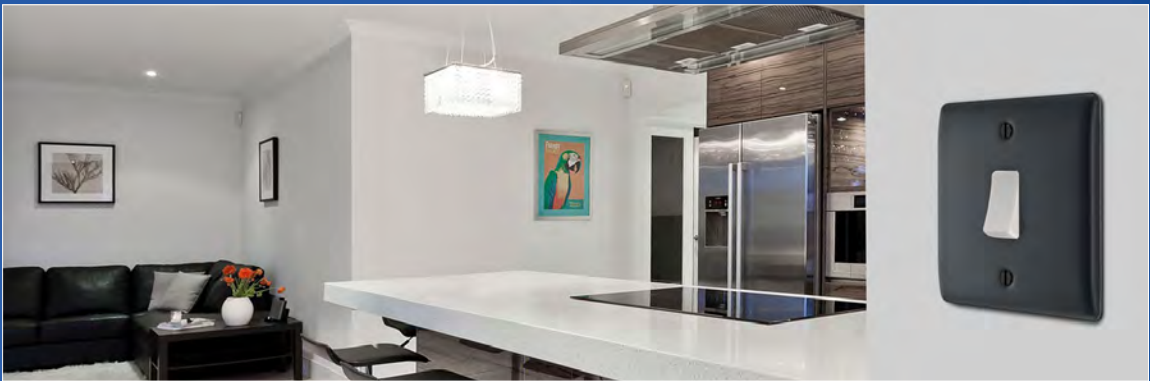
See page 42



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

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





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 six stocked finishes:



IN THE RANGE

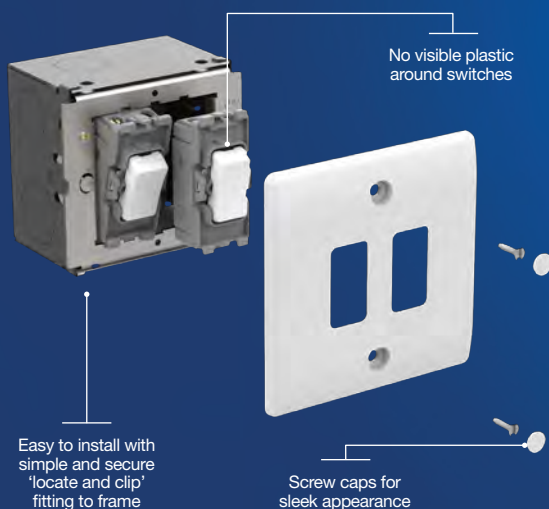
20 Amp Modules	39
Fan Isolator Modules	40
Dimmer Modules	40
Indicator Modules	40
Fused Modules	40
Flex Outlet Modules	41
Blank Modules	41
Front Plates	41
Grid Frames	42
Boxes	43
Rockers	43



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



Features & Benefits



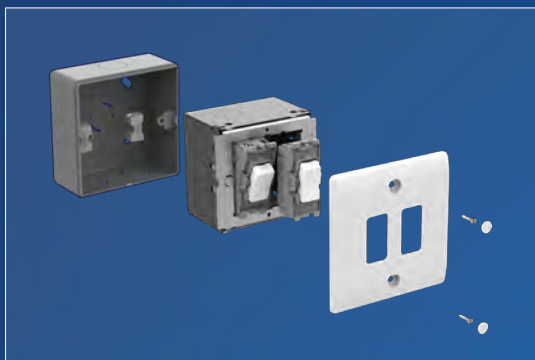
*Anti-microbial properties for white moulded

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.



Screwless Flatplate Assembly:

When fitting one or three modules to the Screwless Flatplate 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.

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.



Antimicrobial Properties

White moulded Grid plates & modules

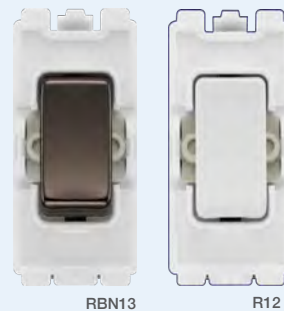
BG Nexus white moulded wiring accessories promote a healthy environment by facilitating up to 99% reduction in bacterial development on touch point surfaces. Manufactured using high grade thermoset Urea which effectively inhibits the growth of infectious diseases, including MRSA, E-Coli, Salmonella and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



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 1.0mm², 4 x 1.5mm², 2 x 2.5mm² & 1 x 4.0mm²
- Manufactured to BS EN 60609-2-1
- Minimum mounting box depth 25mm
- 20 Amp, 20AX inductive rated

White	Polished Chrome	Brushed Steel	Black Nickel	Description	Inner Carton	Outer Carton
R12	RPC12	RBS12	RBN12	2 way, single pole	10	100
R13	RPC13	RBS13	RBN13	Intermediate	10	100
R14	RPC14	RBS14	RBN14	2 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 1.0mm², 4 x 1.5mm², 2 x 2.5mm² & 1 x 4.0mm²
- Manufactured to BS EN 60609-2-1
- Minimum mounting box depth 25mm
- 20 Amp, 20AX inductive rated

White	Polished Chrome	Brushed Steel	Black Nickel	Description	Inner Carton	Outer Carton
R12C	RPC12C	RBS12C	RBN12C	2 way, single pole, centre off	10	100
R14C	-	-	-	2 way retractive, SP (PRESS), 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 1.0mm², 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 rate

White	Polished Chrome	Brushed Steel	Black Nickel	Description	Inner Carton	Outer Carton
R30	RPC30	RBS30	RBN30	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

White	Polished Chrome	Brushed Steel	Black Nickel	Description	Inner Carton	Outer Carton
R12KY	RPC12KY	RBS12KY	RBN12KY	2 way, single pole	10	100
R30KY	RPC30KY	RBS30KY	RBN30KY	20A double pole	10	100
R12EL	RPC12EL	RBS12EL	RBN12EL	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

White	Polished Chrome	Brushed Steel	Black Nickel	Description	Inner Carton	Outer Carton
R15	RPC15	RBS15	RBN15	3 pole fan isolator	10	100



Dimmer Modules

- Intelligent trailing edge dimmer module
- Soft start, smooth dimming control and silent operation
- 2 Way push on/off with rotary control
- Overload protection
- Suitable for LED, Halogen, CFL and Incandescent lamps
- 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
- 200-250V AC

Load Rating (Max/Min per module)

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

White	Polished Chrome	Brushed Steel	Black Nickel	Description	Inner Carton	Outer Carton
RDTR	RPCDTR	RBSDTR	RBNDR	2-way 200W trailing edge	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

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

White	Polished Chrome	Brushed Steel	Black Nickel	Description	Inner Carton	Outer Carton
RFUSE	RPCFUSE	RBSFUSE	RBNFUSE	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

White	Polished Chrome	Brushed Steel	Black Nickel	Description	Inner Carton	Outer Carton
RFLEX	RPCFLEX	RBSFLEX	RBNFLEX	Flex outlet (up to 10mm)	10	100



Blank Modules

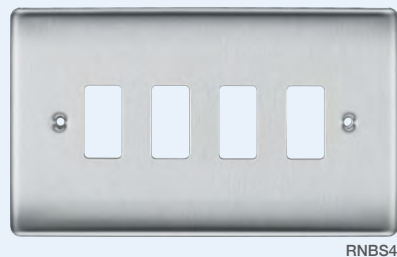
- Ideal for inserting in to unused Grid apertures
- Simple secure 'locate & clip' fitting to frame

White	Polished Chrome	Brushed Steel	Black Nickel	Description	Inner Carton	Outer Carton
RBLNK	RPCBLNK	RBSBLNK	RBNBLNK	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



RNBS4



R81



RBNB2

White	Polished Chrome	Brushed Steel	Black Nickel	Description	Inner Carton	Outer Carton
R81	RNPC1	RNBS1	RBNB1	1 module, square	20	200
R82	RNPC2	RNBS2	RBNB2	2 module, square	20	200
R83	RNPC3	RNBS3	RBNB3	3 module, rectangular	10	100
R84	RNPC4	RNBS4	RBNB4	4 module, rectangular	10	100
R86	RNPC6	RNBS6	RBNB6	6 module, square	10	100
R88	RNPC8	RNBS8	RBNB8	8 module, square	10	100
R89	-	RNBS9	-	9 module, rectangular	10	100
R812	-	RNBS12	-	12 module, rectangular	10	100

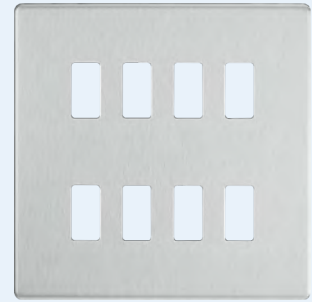
Front Plates – Screwless Flatplate

- 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)

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



RFPC2

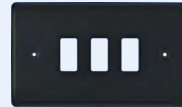


RFBS8

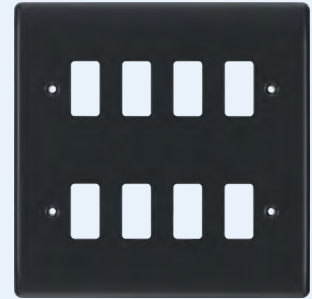
Front Plates – Part M

- 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

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



RPM3



RPM8

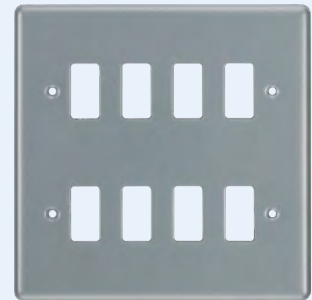
Front Plates – Metal Clad

- 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

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



RMC1



RMC8

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

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



RFR34



RFR12



RFR12FP

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

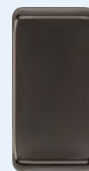
Product Code	Description	Inner Carton	Outer Carton
MC501	1 + 2 module Grid	10	100
MC502	3 + 4 module Grid	5	50
MC503	6 + 8 module Grid	5	25
HGS68	6 + 8 module Grid	5	25
HGS912	9 + 12 module Grid	5	25

Rockers

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



RRFZPC



RRUPBN



RRBLBS



RRFFW

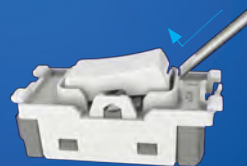
White	Polished Chrome	Brushed Steel	Black Nickel	Description	Inner Carton	Outer Carton
RRHBW	RRHBPC	RRHBBS	RRHBBN	HOB	10	100
RROWW	RROVPC	RROVBS	RROVBN	OVEN	10	100
RRFNW	RRFNPC	RRFNBS	RRFNBN	FAN	10	100
RRWMW	RRWMPC	RRWMBS	RRWMBN	WASHING MACHINE	10	100
RRTDW	RRTDPC	RRTDBS	RRTDBN	TUMBLE DRYER	10	100
RRFDW	RRFDPC	RRFDBS	RRFDBN	FRIDGE	10	100
RRFFW	RRFFPC	RRFFBS	RRFFBN	FRIDGE FREEZER	10	100
RRFZW	RRFZPC	RRFZBS	RRFZBN	FREEZER	10	100
RRBLW	RRBLPC	RRBLBS	RRBLBN	BOILER	10	100
RRMWW	RRMWPC	RRMWBS	RRMWBN	MICROWAVE	10	100
RRCHW	RRCHPC	RRCHBS	RRCHBN	COOKER HOOD	10	100
RRWHW	RRWHPC	RRWHBS	RRWHBN	WATER HEATER	10	100
RRWDISW	RRWDISPC	RRWDISBS	RRWDISBN	WASTE DISPOSAL	10	100
RRACW	RRACPC	RRACBS	RRACBN	AIR CON	10	100
RRDWW	RRDWPC	RRDWBS	RRDWBN	DISH WASHER	10	100
RRHTW	RRHTPC	RRHTBS	RRHTBN	HEATER	10	100
RRBELLW	RRBELLPC	RRBELLBS	RRBELLBN	Bell Symbol (Graphic)	10	100
RRUPW	RRUPPC	RRUPBS	RRUPBN	Unprinted Rocker	10	100
RRUPG	-	-	-	Unprinted Graphite Rocker (Part M)	10	100
RRUPRD	-	-	-	Unprinted Red Rocker	10	100
RRUPAB	-	-	-	Unprinted Antique Brass 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.





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-modules are stocked in White, Black and Grey finishes with front plates stocked in in all BG wiring accessory ranges:

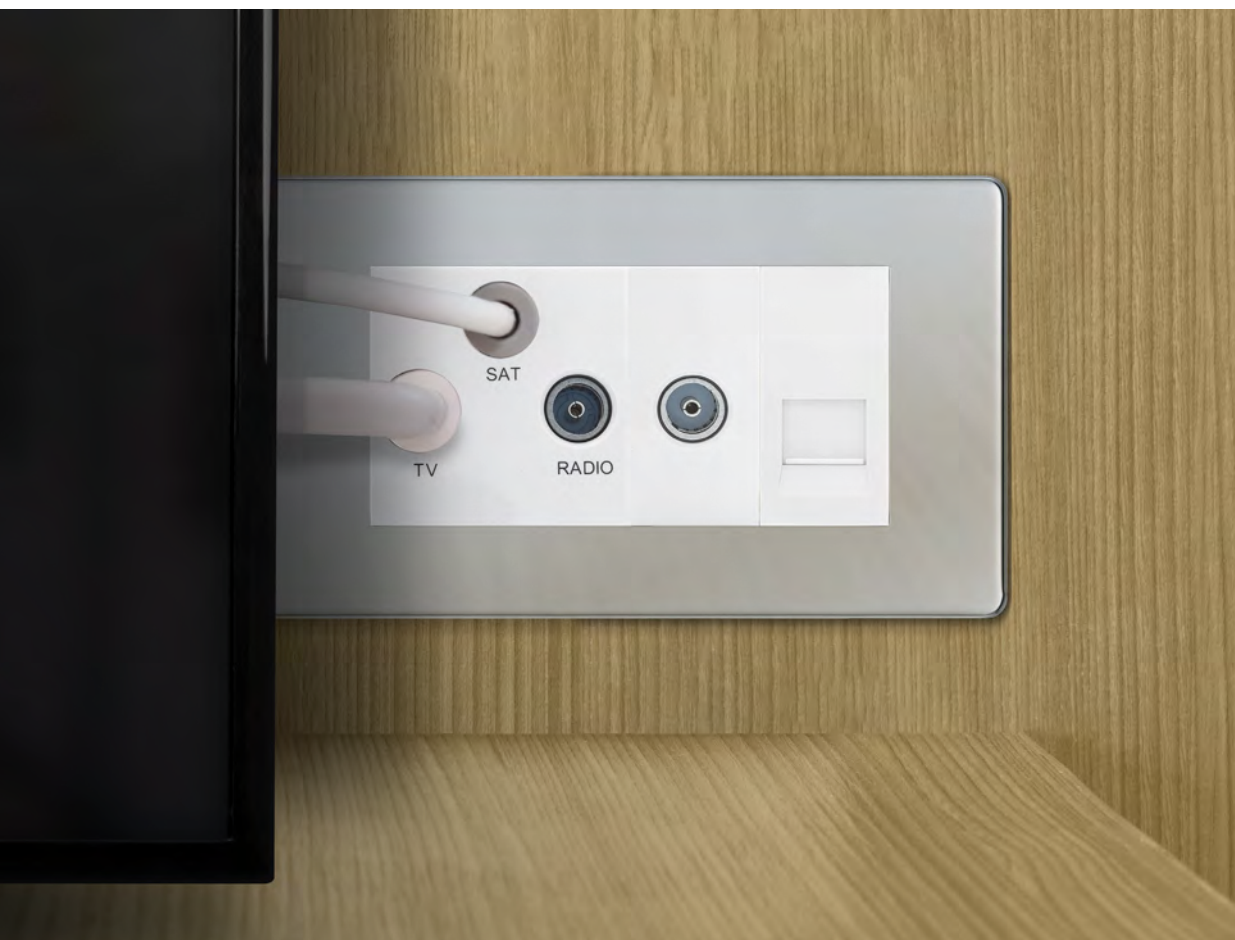


IN THE RANGE

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



Features & Benefits



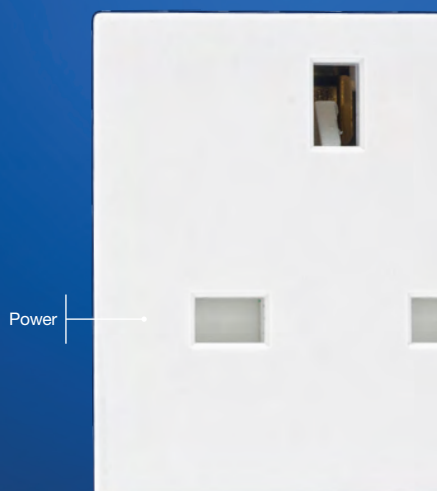
Telecom



Data



Broadcast Reception



Power

Quick & Easy to install

Step 1

Fix front plate to mounting box.

Step 2

Wire modules.

Step 3

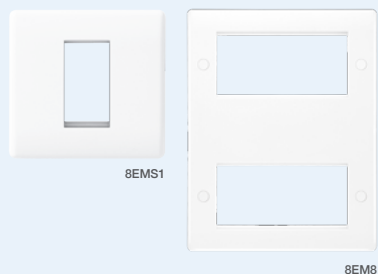
Slot the module on the frame and click into place.



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

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

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

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

NBNEMS1

Brushed Steel	Polished Chrome	Black Nickel	Description	Inner Carton	Outer Carton
NBSEMS1	NPCEMS1	NBNEMS1	1 module – square	20	200
NBSEMS2	NPCEMS2	NBNEMS2	2 module – square	10	100
NBSEMR4	NPCEMR4	NBNEMR4	4 module – rectangular	10	100

Front Plates – Screwed Flatplate

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



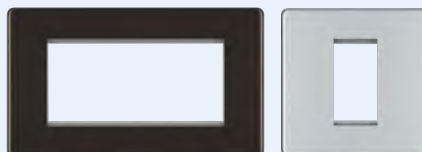
SBSEMS2

SBSEMS1

Brushed Steel	Description	Inner Carton	Outer Carton
SBSEMS1	1 module – square	20	200
SBSEMS2	2 module – square	10	100
SBSEMR4	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



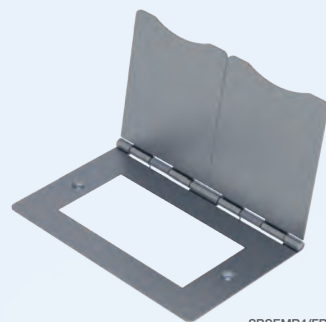
FBNEMR4

FPCEMS1

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

Front Plates – Spring Hinged Cover

- Ideal for floor sockets – an easy and convenient way to access mains electricity in busy locations where wall space is restricted
- Slimline screwed ultra flat clip on/off front plate
- Sprung hinges for durability
- Fitted with earth terminal
- Anti-fingerprint lacquer



SBSEMR4/FR

Brushed Steel	Description	Inner Carton	Outer Carton
SBSEMS2/FR	2 module – square	10	100
SBSEMR4/FR	4 module – rectangular	10	100

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



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

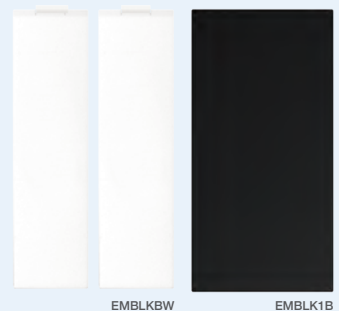
Module Description

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

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

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



Nexus
GRID
MODULAR SYSTEM

www.bg-nexusgrid.uk



TV, Radio and Satellite Modules – Non-Screened Outlets

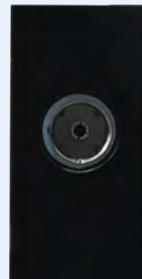
- Manufactured to BS 5733
- Aperture sizes:
1 Module: 25 x 50mm



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	13Amp (UK) unswitched socket	10	100
EMUNVW	EMUNVG	EMUNVB	2	Universal unswitched socket	10	100
EMEUSW	EMEUSG	EMEUSB	1	16Amp 2 pin unswitched socket	10	100
EMSCHSW	EMSCHSG	EMSCHSB	2	16Amp Schuko unswitched socket	10	100
EM2ASW	EM2ASG	EM2ASB	2	2Amp round pin unswitched socket	10	100
EM5ASW	EM5ASG	EM5ASB	2	5Amp round pin unswitched socket	10	100

USB Charger Modules

- The USB charger is suitable for charging portable electronic devices via a USB 2.0 type A plug
- Total charger output current is 3.1A. This can be delivered from one socket or divided between the two as required and controlled by the devices being charged
- Manufactured to IEC 61558-2-16
- Terminal capacity 1 x 2.5mm² or 1 x 4.0mm²
- Minimum box depth 35mm
- Requires 2 module front plate – See page 46

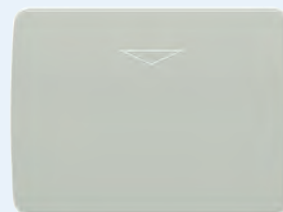


EMUSB3B

White	Grey	Black	Modules	Description	Inner Carton	Outer Carton
EMUSB3W	EMUSB3G	EMUSB3B	2	3.1A USB charger – 2 port	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	16Amp 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



EMFUSEG



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

13Amp 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	13Amp 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



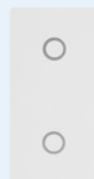
EMSW13B

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

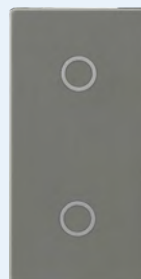
Touch Dimmer Modules

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	Modules	Description	Inner Carton	Outer Carton
EMTDMW	EMTDMG	EMTDMB	1	Touch LED dimmer, master	10	100
EMTDSW	EMTDSG	EMTDSB	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

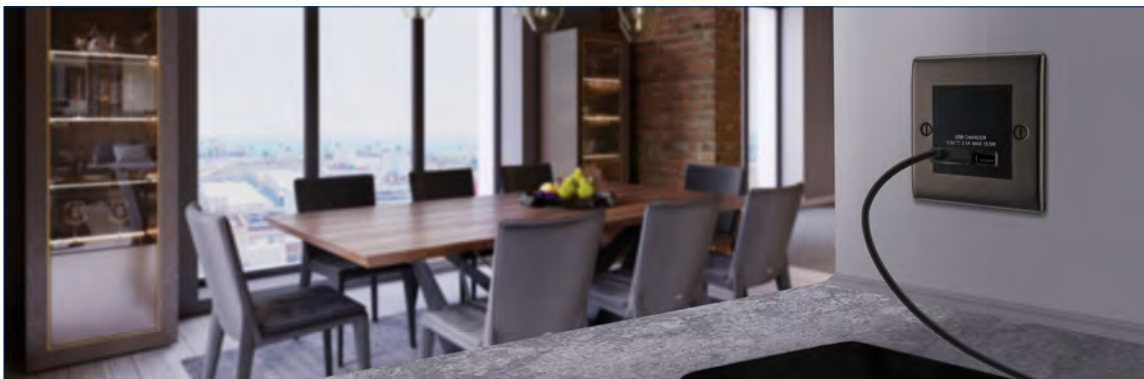


EMFUSEG



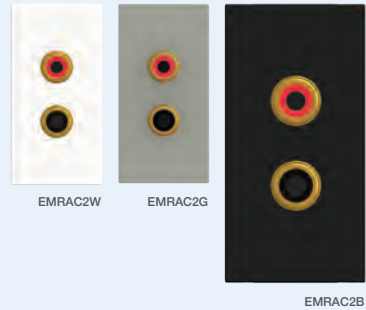
EMFUSEB

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



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

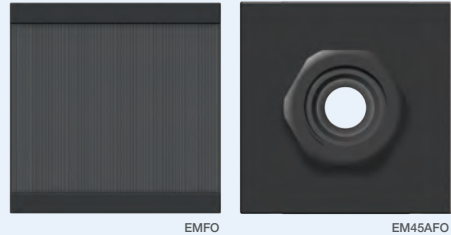
Flex Outlets

Brush Flex Outlet

- Ideal for home entertainment cable management
- Brushes protect cables and prevent movement
- Ideal for cavity walls

45Amp Flex Outlet

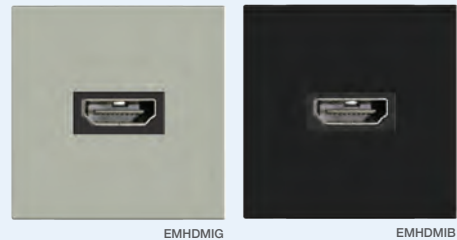
- Black M20 cable gland, supplied with 3 way terminal



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

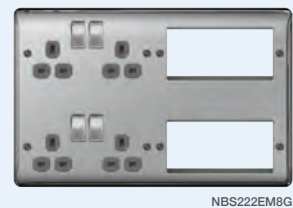
- Manufactured to BS 5733
- Female HDMI front and rear outlet
- 90° connection to help with limited space in wall void
- Suitable for high speed, HDMI 1.4 standard: 4K Ultra HD compatible and 3D compatible at 4,25 and 30 fps
- Maximum bitrate of 10.2 Gbps



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



Product Code	Description	Inner Carton	Outer Carton
822EM4	1 x double socket + 1 x 4 module aperture – Nexus Moulded	1	5
822EM8	2 x double socket + 2 x 4 module aperture – Nexus Moulded	1	5
NBS222EM8G	2 x double socket + 2 x 4 module aperture – Nexus Metal Brushed Steel	1	5
NPC222EM8W	2 x double socket + 2 x 4 module aperture – Nexus Metal Polished Chrome	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

See page 46



Front Plate

Modules



NPCEMR4



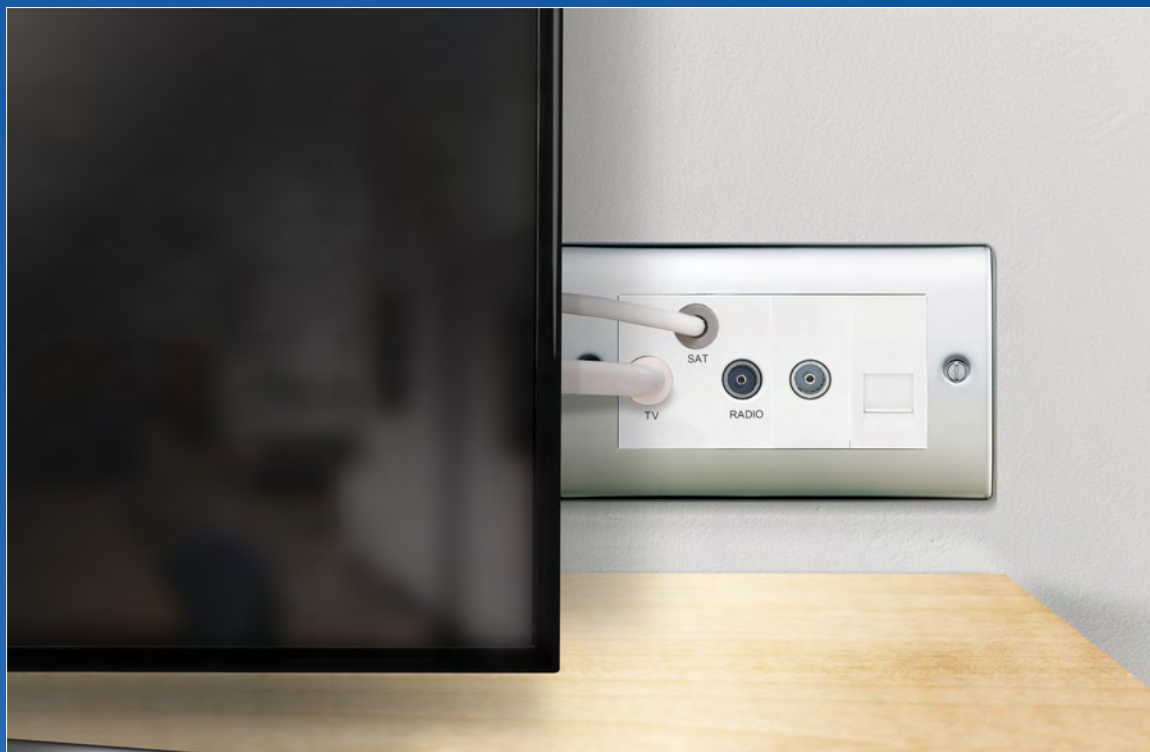
EMTVFMSAT2W



EMNSSATW



EMBTMSW





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 three stocked finishes:



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



Features & Benefits

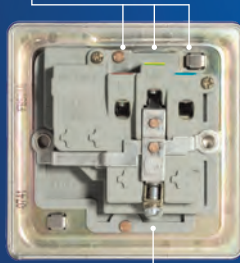
Integrated plastic gasket protects metal edges from moisture



Sleek flat profile

Screwless front plate, easy clip on/off

Angled in-line colour coded captive terminals



Twin Earth

No visible plastic around switches



13 Amp Switched Socket with USB Charger 2 X Outlets 2.1A

- Ideal for charging smartphones, tablets, cameras and more
- Terminal capacity 3 x 2.5mm², 3 x 4.0mm² & 2 x 6.0mm²
- 35mm box required (supplied with optional 10mm spacer for 25mm box retrofit)
- Twin earth fitted as standard – Ref. BS 7671:2008
- Manufactured to BS1363-2
- 10 year guarantee



FPC21U2W



FBN21U2B

Brushed Steel	Polished Chrome	Black Nickel	Description	Inner Carton	Outer Carton
FBS21U2W	FPC21U2W	-	Single switched socket + 2 x USB (2.1A), white insert	5	50
FBS21U2G	-	-	Single switched socket + 2 x USB (2.1A), grey insert	5	50
-	-	FBN21U2B	Single switched socket + 2 x USB (2.1A), black insert	5	50



APPROVED

13 Amp Switched Socket with USB Charger 2x Outlets 3.1A

- Ideal for charging smartphones, tablets, cameras and more
- Terminal capacity 3 x 2.5mm², 3 x 4.0mm² & 2 x 6.0mm²
- 35mm box required (supplied with optional 10mm spacer for 25mm box retrofit)
- Twin earth fitted as standard – Ref. BS 7671:2008
- Manufactured to BS1363-2
- 10 year guarantee



FPC22U3G



FBS22U3W

Brushed Steel	Polished Chrome	Black Nickel	Description	Inner Carton	Outer Carton
FBS22U3W	FPC22U3W	-	Double switched socket + 2 x USB (3.1A), white insert	5	50
FBS22U3G	FPC22U3G	-	Double switched socket + 2 x USB (3.1A), grey insert	5	50
-	-	FBN22U3B	Double switched socket + 2 x USB (3.1A), black insert	5	50



APPROVED

13 Amp Switched Socket with USB Charger 4x Outlets 4.2A

- Ideal for charging smart phones, tablets, cameras and more
- Terminal capacity 3 x 2.5mm², 3 x 4.0mm² & 2 x 6.0mm²
- 35mm box required (supplied with optional 10mm spacer for 25mm box retrofit)
- Twin earth fitted as standard – Ref. BS 7671:2008
- Manufactured to BS1363-2
- 10 year guarantee



FPC24U44W



FBN24U44B

Brushed Steel	Polished Chrome	Black Nickel	Description	Inner Carton	Outer Carton
-	FPC24U44W	-	Double socket + 4 x USB (4.2A), white insert	5	50
FBS24U44G	FPC24U44G	-	Double socket + 4 x USB ((4.2A), grey insert	5	50
-	-	FBN24U44B	Double socket + 4 x USB (4.2A), black insert	5	50



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13Amp 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

Brushed Steel	Polished Chrome	Black Nickel	Description	Inner Carton	Outer Carton
FBS21G	FPC21G	FBN21B	Single switched socket	5	50
-	FPC21W	-	Single switched socket	5	50
FBS22G	FPC22G	FBN22B	Double switched socket	5	50
-	FPC22W	-	Double switched socket	5	50



FPC21W



FBS21G



APPROVED

10Amp 10AX Switches

- All switches 10 Amp, 10AX 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, 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

Brushed Steel	Polished Chrome	Black Nickel	Description	Inner Carton	Outer Carton
FBS12	FPC12	FBN12	Single, 2 way	5	50
FBS13	FPC13	FBN13	Intermediate	5	50
FBS14	FPC14	FBN14	Bell push switch*	5	50
FBS42	FPC42	FBN42	Double, 2 way	5	50
FBS43	FPC43	FBN43	Triple, 2 way	5	50
FBS44	FPC44	FBN44	Quadruple, 2 way	5	50



APPROVED



FPC15



FBN43



FBS12

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

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



FBN15



FPC15



APPROVED

10AX Toggle Switches

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



20Amp 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

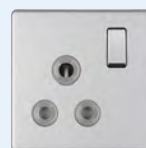


FBS31

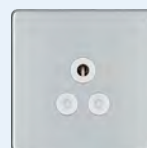
Brushed Steel	Polished Chrome	Black Nickel	Description	Inner Carton	Outer Carton
FBS31	FPC31	FBN31	20A double pole with power indicator	5	50

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	Description	Inner Carton	Outer Carton
FBS28G	-	FBN28B	2 Amp unswitched socket round pin	5	50
-	FPC28W	-			
FBS29G	FPC29G	FBN29B	5 Amp unswitched socket round pin	5	50
-	FPC29W	-			
FBS29SG	FPC29SW	-	Single, 5 Amp, switched socket, round pin (Export only)	5	50
FBS27G	-	-	Single, 13Amp, universal with power indicator	5	50
FBS99G	FPC99G	FBN99B	Single, 15Amp switched socket	5	50
FBS98G	-	-	Double, 16Amp unswitched Euro socket	5	50

13Amp 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



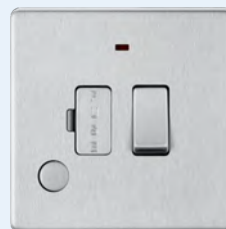
APPROVED



FPC55



FBN54



FBS53

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

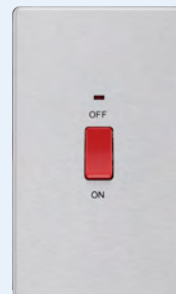
*Insert colours = White (W), Grey (G) and Black (B)
at the end of the product code



FBN70B



FPC70G



FBN72

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



FPC60



FBN67

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

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

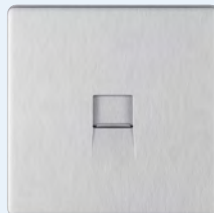
Telephone and Data Outlet

- 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	Description	Inner Carton	Outer Carton
FBSBTM1	FPCBTM1	FBNBTM1	Telephone master, single	5	50
FBSBTM2*	FPCBTM2*	FBNBTM2*	Telephone master, double	5	50
FBSBTS1	FPCBTS1	FBNBTS1	Telephone secondary, single	5	50
FBSBTS2*	FPCBTS2*	FBNBTS2*	Telephone secondary, double	5	50
FBSRJ111	FPCRJ111	FBNRJ111	RJ11 socket, single	5	50
FBSRJ112*	FPCRJ112*	FBNRJ112*	RJ11 socket, single	5	50
FBSRJ451	FPCRJ451	FBNRJ451	RJ45 data outlet socket, single	5	50
FBSRJ452*	FPCRJ452*	FBNRJ452*	RJ45 data outlet socket, double	5	50

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

Dimmer Switches – Leading Edge, Push Type

- Manufactured to BS EN 60669-2-1
- Minimum mounting box depth 25mm
- 10mm spacer available to provide additional wiring space (817 – Square, 818 – Rectangle)
- Suitable for compact fluorescent lamps (CFL) and LED Dimming
- Features adjustable minimum level to adjust low level output & stabilise load
- Terminal capacity 3 x 1mm² 2 x 1.5mm² 1 x 2.5mm²



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FBS81P



FBN84P



FPC82P

Brushed Steel	Polished Chrome	Black Nickel	Description	Inner Carton	Outer Carton
FBS81P	FPC81P	FBN81P	Single, 2 way, 400W	5	50
FBS82P	FPC82P	FBN82P	Double, 2 way, 400W	5	50
FBS83P	FPC83P	FBN83P	Triple, 2 way, 400W	5	50
FBS84P	FPC84P	FBN84P	Quadruple, 2 way, 400W	5	50
FBS85P	-	-	Single, 1,000W – Square plate (export only)	5	50

Dimmer Switch – Intelligent Trailing Edge, Push Type

- Intelligent trailing edge dimmer suitable for LED, halogen, CFL 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
- 200-250V AC



APPROVED



FBS81



FBN84



FPC82

Brushed Steel	Polished Chrome	Black Nickel	Description	Inner Carton	Outer Carton
FBS81	FPC81	FBN81	Single, 2 way, push on/off (20-200W/5-100W LED)	5	50
FBS82	FPC82	FBN82	Double, 2 way, push on/off (20-200W/5-100W LED)	5	50
FBS83	FPC83	FBN83	Triple, 2 way, push on/off (20-200W/5-100W LED)	5	50
FBS84	FPC84	FBN84	Quadruple, 2 way, push on/off (20-200W/5-100W LED)	5	50

Shaver Socket

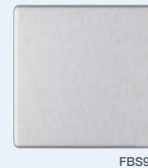
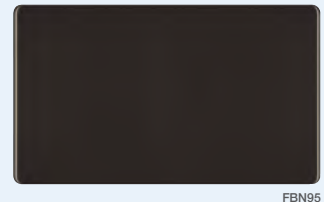
- Terminal capacity 3 x 2.5mm² & 2 x 4.0mm²
 - Minimum mounting box depth 47mm
 - Manufactured to BS EN 61558-1 and BS EN 61558-2-5
- *Insert colours = White (W), Grey (G) and Black (B)
at the end of the product code



Brushed Steel	Polished Chrome	Black Nickel	Description	Inner Carton	Outer Carton
FBS20G	FPC20W	FBN20B	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



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

Euro Module Front Plates

- Fitted with Earth terminal



Brushed Steel	Polished Chrome	Black Nickel	Description	Inner Carton	Outer Carton
FBSEMS1	FPCEMS1	FBNEMS1	Single Euro module, single plate	10	100
FBSEMS2	FPCEMS2	FBNEMS2	Twin Euro module, single plate	10	100
FBSEMR4	FPCEMR4	FBNEMR4	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



FPCYCSW*



FBNKYCSB*

Brushed Steel	Polished Chrome	Black Nickel	Description	Inner Carton	Outer Carton
FBSKYCSG*	FPCYCSW*	FBNKYCSB*	16 Amp Hotel Key Card switch	10	100

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





Made by us ... designed by you

Recently redeveloped based on your welcome feedback.

Now an easier installation and a more versatile application.

- Flexibility for maximum circuit combinations and easy upgrades
- Fast and simple installation, with fitted spirit level and backed-out and retained terminal screws
- Easy access of cables via knockouts, in sides, top and bottom, plus additional rear entry knockouts
- A modern stylish design with a profile matching BG wiring accessories

For more information, visit: **www.bg-fortress.uk**



www.bgelectrical.uk



Flatplate Screwed

Wiring Accessories

Our slimline screwed 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 Brushed Steel finish:



IN THE RANGE

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WiFi Extender Sockets	67
FCUs	68
Dimmer Switches	68
Co-axial / Sat / Tel / Data	69
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Blank Plates	70
Euro Module Plates	70



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

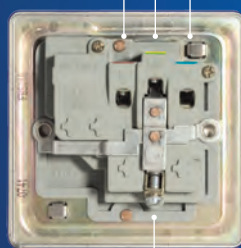


Features & Benefits



Sleek flat profile

Screwed flatplate sits flush against the wall



Angled in-line colour coded captive terminals

Twin Earth

No visible plastic around switches



10 Amp 10AX Switches

- All switches 10 Amp, 10AX inductive rated
- Captive terminal screws
- 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 16mm



SBS43

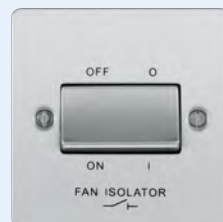


APPROVED

Brushed Steel	Description	Inner Carton	Outer Carton
SBS12	Single, 2 way	5	50
SBS13	Intermediate	5	50
SBS42	Double, 2 way	5	50
SBS43	Triple, 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



SBS15



APPROVED

Brushed Steel	Description	Inner Carton	Outer Carton
SBS15	3 pole fan isolator	5	50

13 Amp Socket Outlets

- Manufactured to BS 1363 part 2
- Twin earth fitted as standard to allow 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



SBS22G

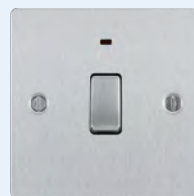


APPROVED

Brushed Steel	Description	Inner Carton	Outer Carton
SBS21G	Single, switched	5	50
SBS22G	Double, switched	5	50

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 captive screws
- Manufactured to BS EN 60669-1
- Minimum mounting box depth 25mm



SBS31



APPROVED

Brushed Steel	Description	Inner Carton	Outer Carton
SBS31	20 Amp DP switch with power indicator	10	100

13 Amp Switched Socket with USB Charger – 2 x Outlets 2.1A

- 2 x Type A USB sockets – 2.1A total output, 5V
- Charges iPad, iPhone, tablets, mobiles, cameras and more
- Terminal capacity 3 x 2.5mm², 3 x 4.0mm² & 2 x 6.0mm²
- Minimum mounting box depth 25mm – ideal for retrofit
- Twin earth fitted as standard to allow a double earth facility for installations requiring high integrity protective connection Ref. BS 7671:2008
- Manufactured to BS1363-2
- 10 year guarantee



SBS21U2G

Brushed Steel	Description	Inner Carton	Outer Carton
SBS21U2G	Single socket + 2 x Type A USB (2.1A), grey insert	5	50

13 Amp Switched Socket with USB Charger – 2 x Outlets 3.1A

- 2 x Type A USB sockets – 2.1A total output, 5V
- Charges iPad, iPhone, tablets, mobiles, cameras and more
- Terminal capacity 3 x 2.5mm², 3 x 4.0mm² & 2 x 6.0mm²
- Minimum mounting box depth 25mm – ideal for retrofit
- Twin earth fitted as standard to allow a double earth facility for installations requiring high integrity protective connection Ref. BS 7671:2008
- Manufactured to BS1363-2

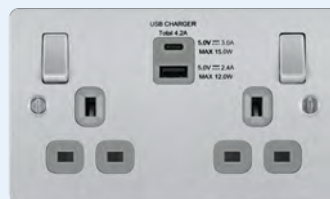


SBS22U3G

Brushed Steel	Description	Inner Carton	Outer Carton
SBS22U3G	Double SP switched socket, outboard rockers + 2 x Type A USB (3.1A), grey insert	5	50

13 Amp Switched Socket with USB A + C Charger 4.2A

- 1 x USB A and 1 x USB Type C - 4.2A total output, 5V
- Charges iPad, iPhone, tablets, mobiles, cameras and more
- Terminal capacity 3 x 2.5mm², 3 x 4.0mm² & 2 x 6.0mm²
- Minimum mounting box depth 25mm – ideal for retrofit
- Twin earth fitted as standard to allow a double earth facility for installations requiring high integrity protective connection Ref. BS 7671:2008
- Manufactured to BS1363-2

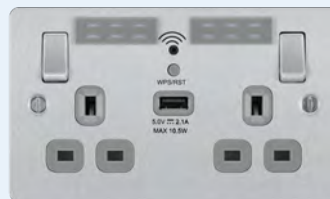


SBS22UACG

Brushed Steel	Description	Inner Carton	Outer Carton
SBS22UACG	Double SP, switched, outboard rockers and 1 x A + 1 x C type outlets	5	50

13 Amp WiFi Extender Switched Socket Outlet

- 2 x Type A USB sockets – 2.1A total output, 5V
- Charges iPad, iPhone, tablets, mobiles, cameras and more
- Terminal capacity 3 x 2.5mm², 3 x 4.0mm² & 2 x 6.0mm²
- Minimum mounting box depth 25mm – ideal for retrofit
- Twin earth fitted as standard to allow a double earth facility for installations requiring high integrity protective connection Ref. BS 7671:2008
- Manufactured to BS1363-2



SBS22UWRG

Brushed Steel	Description	Inner Carton	Outer Carton
SBS22UWRG	Double SP, switched, outboard rockers, WiFi Extender	5	50

13Amp 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



APPROVED



SBS52

Brushed Steel	Description	Inner Carton	Outer Carton
SBS52	Switched with power indicator	5	50
SBS54	Unswitched with power indicator	5	50

45Amp Double Pole Switches

- Manufactured to BS 4177 and BS EN 60669-1
- 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 16.0mm



SBS70G

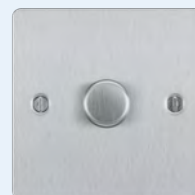
Brushed Steel	Description	Inner Carton	Outer Carton
SBS70G	Switched with 13Amp socket and power indicator	5	50
SBS72	Switched with power indicator, double plate	5	50
SBS74	Switched with power indicator, single plate	10	100

Dimmer Switch – Leading Edge, Push Type

- Manufactured to BS EN 60669-2-1
- Minimum mounting box depth 25mm
- 10mm spacer available to provide additional wiring space (817 – Sq, 818 – Rectangle)
- Suitable for compact fluorescent lamps (CFL) and LED Dimming
- There can be issues with dimming CFL and LED lamps at a low lighting level. The Nexus dimmer products have an adjustable minimum level feature which can be used to adjust the lighting output at a low level, to stabilise the load.



APPROVED



SBS81P

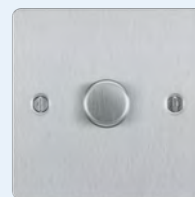
Brushed Steel	Description	Inner Carton	Outer Carton
SBS81P	Single, 2 way, 400W	5	50
SBS82P	Double, 2 way, 400W	5	50

Dimmer Switch – Intelligent Trailing Edge, Push Type

- Intelligent trailing edge dimmer suitable for LED, halogen, CFL 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
- 200-250V AC



APPROVED



SBS81

Brushed Steel	Description	Inner Carton	Outer Carton
SBS81	Single, 2 way, push on/off (20-200W/5-100W LED)	5	50
SBS82	Double, 2 way, push on/off (20-200W/5-100W LED)	5	50

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

Co-Axial Sockets

- Minimum mounting box depth 25mm
- Manufactured to BS 5733
- Used for TV or FM co-axial aerial connection
- Screw terminal



SBS60

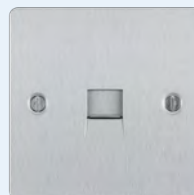
Brushed Steel	Description	Inner Carton	Outer Carton
SBS60	Co-axial socket, single	5	50

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



Telephone Outlets

- Minimum mounting box depth 35mm
- Manufactured to BS 6312



SBSBTM1

Brushed Steel	Description	Inner Carton	Outer Carton
SBSBTM1	Telephone master, single	5	50
SBSBTS1	Telephone secondary, single	5	50

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



Shaver Socket

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



SBS20G



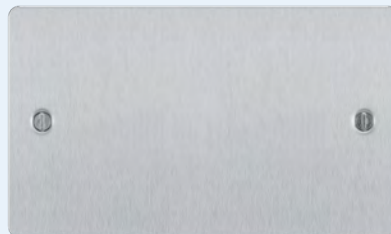
Brushed Steel	Description	Inner Carton	Outer Carton
SBS20G	Shaver socket 115/240V dual voltage	5	30

Blank Plates

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



SBS94



SBS95

Brushed Steel	Description	Inner Carton	Outer Carton
SBS94	Single	5	50
SBS95	Double	5	50



Euro Module Front Plates

- Manufactured to BS 5733
- Fitted with Earth terminal



SBSEMS1



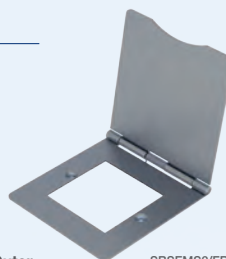
SBSEMS2

Brushed Steel	Description	Inner Carton	Outer Carton
SBSEMS1	Single Euro Module, single plate	10	100
SBSEMS2	Twin Euro Module, single plate	10	100
SBSEMR4	Quad Euro Module, double plate	5	50

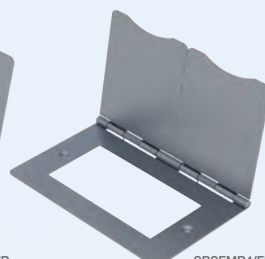


Spring Hinged Cover Euro Module Front Plates

- Ideal for floor sockets – an easy and convenient way to access mains electricity in busy locations where wall space is restricted
- Slimline screwed flatplate with ultra flat clip on/off front plate
- Sprung hinges for durability
- Fitted with earth terminal
- Anti-fingerprint lacquer



SBSEMS2/FR



SBSEMR4/FR

Brushed Steel	Description	Inner Carton	Outer Carton
SBSEMS2/FR	2 module – square	10	100
SBSEMR4/FR	4 module – rectangle	10	100

13Amp 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



SBSKYSWSG*

Brushed Steel	Description	Inner Carton
SBSKYSWSG*	13Amp switched socket, key controlled	EM

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 47 & 48

Front Plate

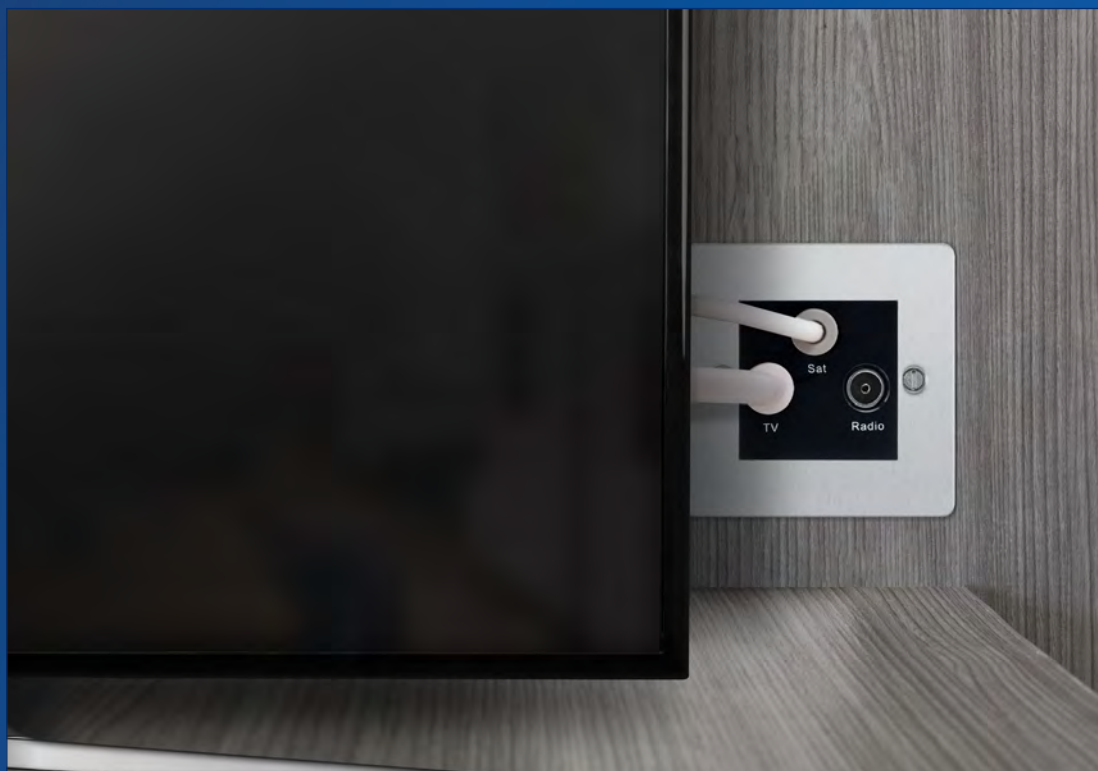


SBSEMS2

Module



EMTVFMSATB





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 three stocked finishes of brushed steel, polished chrome and black nickel.

For specification projects additional finishes are available across 16 products, which includes: matt black, antique brass, pearl nickel and brushed iridium.

Nexus Metal is available in three stocked finishes:



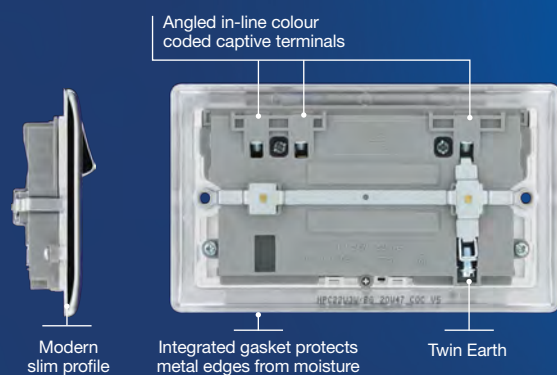
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BG Electrical products are guaranteed against faulty materials and workmanship for a period of 25 years from date of delivery.



Features & Finishes



Extended range of four additional colour finishes available for the most popular product types



No visible plastic around switches

Lightly lacquered surface to reduce fingerprint marks



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.

13 Amp Switched Socket with USB Charger 2 x Type A Outlets 2.1A

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



NBS21U2G



NBN21U2B



Brushed Steel	Polished Chrome	Black Nickel	Antique Brass	Brushed Iridium	Matt Black	Pearl Nickel	Description	Inner Carton	Outer Carton
NBS21U2W	NPC21U2W	-	-	-	-	NPR21U2W	Single socket + 2 x USB (2.1A), white insert	5	50
NBS21U2G	-	-	-	-	-	-	Single socket + 2 x USB (2.1A), grey insert	5	50
NBS21U2B	-	NBN21U2B	NAB21U2B	NBI21U2B	NMB21U2B	-	Single socket + 2 x USB (2.1A), black insert	5	50

13 Amp Switched Socket with USB Charger 2 x Outlets 3.1A

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



NMB22U3B



NBS22U3G



Brushed Steel	Polished Chrome	Black Nickel	Antique Brass	Brushed Iridium	Matt Black	Pearl Nickel	Description	Inner Carton	Outer Carton
NBS22U3W	NPC22U3W	-	-	-	-	NPR22U3W	Double socket + 2 x USB (3.1A), white insert	5	50
NBS22U3G	-	-	-	-	-	-	Double socket + 2 x USB (3.1A), grey insert	5	50
NBS22U3B	-	NBN22U3B	NAB22U3B	NBI22U3B	NMB22U3B	-	Double socket + 2 x USB (3.1A), black insert	5	50

13 Amp Switched Socket with USB Charger 4 x Outlets 4.2A

- 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
- 10 year guarantee



NBN24U44B



NPC24U44W

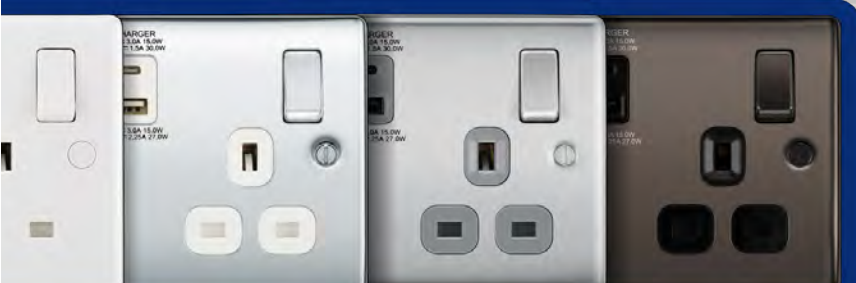


Brushed Steel	Polished Chrome	Black Nickel	Antique Brass	Description	Inner Carton	Outer Carton
NBS24U44W	NPC24U44W	-	-	Double socket + 4 x USB (4.2A), white insert	5	50
NBS24U44G	-	-	-	Double socket + 4 x USB (4.2A), grey insert	5	50
NBS24U44B	-	NBN24U44B	NAB24U44B	Double socket + 4 x USB (4.2A), black insert	5	50



NEW
from BG

Fast Charge Type C USB



Available in White Moulded, Polished Chrome, Brushed Steel and Black Nickel.

The most powerful, fastest charging USB Socket.

13A Power Sockets with integrated 'fast charge' USB-A & USB-C ports, deliver 50% charge to mobile phones in just 30 minutes.

13 Amp Switched Socket with 30W Type A + C USB Outlets

- 13A Power Sockets with integrated 'fast charge'
- Charges up 70% faster than standard 5W charging
- Supports PD and QC charging protocols for optimum charging
- Smart charging with variable voltage dependant on device
- Terminal capacity 3 x 2.5mm², 3 x 4.0mm² & 2 x 6.0mm²
- Minimum mounting depth 25mm
- Twin earth fitted as standard
- 10 year guarantee



NBS22UAC30G



APPROVED

Brushed Steel	Polished Chrome	Black Nickel	Description	Inner Carton	Outer Carton
NBS22UAC30G	NPC22UAC30W	NBN22UAC30B	Double, SP, switched, outboard rockers + 1 x USB C + 1 x USB A, 30W	5	50



WiFi Socket Range Extender



Expand your WiFi coverage throughout your home

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. Designed to fit a 25mm backbox, ideal for retrofit.

**FITS
25MM
BOX**

**SMART
USB
CONNECTIVITY**

**300
MBPS**

**2.4
GHz
SINGLE BAND**

**N300
Mbps**

**Brushed
Steel**

**Polished
Chrome**

**Black
Nickel**

**Antique
Brass**

**Pearl
Nickel**



WiFi Extender Socket and USB Charger 1 x Outlet (2.1A)

- Extend your WiFi coverage through-out your home
- Works with all wireless broadband routers
- Easy to install and setup with one touch WPS
- N300 WiFi 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
- Minimum mounting box depth – 25mm; ideal for retrofit
- Manufactured to BS1363-2
- Terminal capacity 3x 2.5mm², 3x 4.0mm² & 2x 6.0mm²



NBN22UWRB

Brushed Steel	Polished Chrome	Black Nickel	Antique Brass	Pearl Nickel	Description
NBS22UWRG	NPC22UWRW	NBN22UWRB	NAB22UWRB	NPR22UWRW	Double, 13A, SP switched with WiFi extender + 1 x USB (2.1A)

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



NBN22B

Brushed Steel	Polished Chrome	Black Nickel	Antique Brass	Brushed Iridium	Matt Black	Pearl Nickel	Description	Inner Carton	Outer Carton
NBS21W	NPC21W	-	-	-	-	-	Single, 13 Amp switched socket	5	50
NBS21B	-	NBN21B	NAB21B	NBI21B	NMB21B	NPR21W	Single, 13 Amp switched socket	5	50
NBS21G	-	-	-	-	-	-	Single, 13 Amp switched socket	5	50
NBS22W	NPC22W	-	-	-	-	NPR22W	Single, 13 Amp switched socket	5	50
NBS22B	-	NBN22B	NAB22B	NBI22B	NMB22B	-	Double, 13 Amp switched socket	5	50
NBS22G	-	-	-	-	-	-	Double, 13 Amp switched socket	5	50
NBS22DPOBB	-	-	-	-	-	-	Double, 13 Amp switched socket	5	50
NBS24W	-	-	-	-	-	-	Double, 13 Amp unswitched socket, outboard rockers	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



NBS222GEM8

Brushed Steel	Polished Chrome	Description	Inner Carton	Outer Carton
NBS222EM8G	NPC222EM8W	2 x Double socket + 2 x 4 Module aperture	5	50

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

10 Amp 10AX 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



NPC42



NAB43



NBS12

Brushed Steel	Polished Chrome	Black Nickel	Antique Brass	Brushed Iridium	Matt Black	Pearl Nickel	Description	Inner Carton	Outer Carton
NBS12	NPC12	NBN12	NAB12	NBI12	NMB12	NPR12	Single, 2 way	5	50
NBS13	NPC13	NBN13	NAB13	NBI13	NMB13	NPR13	Intermediate	5	50
NBS14	-	-	-	-	-	-	Bell push **	5	50
NBS42	NPC42	NBN42	NAB42	NBI42	NMB42	NPR42	Double, 2 way	5	50
NBS43	NPC43	NBN43	NAB43	NBI43	NMB43	NPR43	Triple, 2 way	5	50
NBS44	NPC44	NBN44	-	-	-	-	Quadruple, 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



Brushed Steel	Polished Chrome	Black Nickel	Description	Inner Carton	Outer Carton
NBS15	NPC15	NBN15	3 pole fan isolator	5	50
NBS15F	NPC15F	NBN15F	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



NBS28G



NBS29G



NBN98B

Brushed Steel	Polished Chrome	Black Nickel	Description	Inner Carton	Outer Carton
NBS28G	NPC28W	NBN28B	2A unswitched socket round pin	5	50
NBS29G	NPC29W	NBN29B	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



NAB50



NBS53

Brushed Steel	Polished Chrome	Black Nickel	Antique Brass	Brushed Iridium	Matt Black	Pearl Nickel	Description	Inner Carton	Outer Carton
NBS50	NPC50	NBN50	NAB50	NBI50	NMB50	NPR50	Switched	5	50
NBS52	NPC52	NBN52	-	-	-	-	Switched with power indicator	5	50
NBS53	NPC53	NBN53	-	-	-	-	Switched with power indicator & cable outlet	5	50
NBS54	NPC54	NBN54	-	-	-	-	Unswitched	5	50
NBS55	NPC55	NBN55	-	-	-	-	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



NPC31



NBN31

Brushed Steel	Polished Chrome	Black Nickel	Antique Brass	Brushed Iridium	Matt Black	Pearl Nickel	Description	Inner Carton	Outer Carton
NBS31	NPC31	NBN31	NAB31	NBI31	NMB31	NPR31	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



NBN74



NBS70G

Brushed Steel	Polished Chrome	Black Nickel	Antique Brass	Brushed Iridium	Matt Black	Pearl Nickel	Description	Inner Carton	Outer Carton
NBS70W	NPC70W	NBN70B	NAB70B	NBI70B	NMB70B	NPR70W	With 13A socket & power indicators, white insert	5	50
NBS70B	-	-	-	-	-	-	With 13A socket & power indicators, black insert	5	50
NBS70G	-	-	-	-	-	-	With 13A socket & power indicators, grey insert	5	50
NBS72	NPC72	NBN72	-	-	-	-	With power indicator, double plate	5	50
NBS74	NPC74	NBN74	NAB74	NBI74	NMB74	NPR74	With power indicator, single plate	5	50

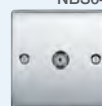
Co-Axial and Satellite Sockets

- 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



NPC60



NBN67

Brushed Steel	Polished Chrome	Black Nickel	Antique Brass	Brushed Iridium	Matt Black	Pearl Nickel	Description	Inner Carton	Outer Carton
NBS60	NPC60	NBN60	NAB60	NBI60	NMB60	NPR60	Co-axial, single	5	50
NBS61*	NPC61*	NBN61*	-	-	-	-	Co-axial, double	EM	-
NBS62*	NPC62*	NBN62*	-	-	-	-	Isolated co-axial, single	EM	-
NBS63*	NPC63*	NBN63*	-	-	-	-	Isolated co-axial, double	EM	-
NBS64*	NPC64*	NBN64*	-	-	-	-	Satellite, single	EM	-
NBS65*	NPC65*	NBN65*	-	-	-	-	Satellite & co-axial, double	EM	-
NBS66*	NPC66*	NBN66*	-	-	-	-	Diplex TV/FM, double	EM	-
NBS67*	NPC67*	NBN67*	-	-	-	-	Triplex TV/FM/Sat – screened	EM	-
NBS68*	NPC68*	NBN68*	-	-	-	-	Triplex TV/FM/Sat + Return & single Tel – screened	EM	-
NBS69*	NPC69*	NBN69*	-	-	-	-	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	Brushed Iridium	Matt Black	Pearl Nickel	Description	Inner Carton	Outer Carton
NBSBTM1	NPCBTM1	NBNBTM1	NABBTM1	NBIBTM1	NMBBTM1	NPRBTM1	Tel. Master, single	5	50
NBSBTM2*	NPCBTM2*	NBNBTM2*	-	-	-	-	Tel. Master, double	5	50
NBSBTS1	NPCBTS1	NBNBTS1	NABBTS1	NBIBTS1	NMBBTS1	NPRBTS1	Tel. Secondary, single	5	50
NBSBTS2*	NPCBTS2*	NBNBTS2*	-	-	-	-	Tel. Secondary, double	5	50
NBSRJ111	NPCRJ111	NBNRJ111	-	-	-	-	RJ11, single	5	50
NBSRJ112*	NPCRJ112*	NBNRJ112*	-	-	-	-	RJ11, double	5	50
NBSRJ451	NPCRJ451	NBNRJ451	-	-	-	-	RJ45 data, single	5	50
NBSRJ452*	NPCRJ452*	NBNRJ452*	-	-	-	-	RJ45 data, double	5	50

4 Speed Fan Controller

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



NBS87

Brushed Steel	Description	Inner Carton	Outer Carton
NBS87	Single, 1 way rotary, 100W (export only)	5	50

Dimmer Switches – Leading Edge, Push Type

- Manufactured to BS 6312-2 where applicable
- Minimum mounting box depth 25mm
- 10mm spacer available to provide additional wiring space (817 – Sq, 818 – Rect)
- Suitable for compact fluorescent lamps (CFL) and LED Dimming
- There can be issues with dimming CFL and LED lamps at a low lighting level
- The Nexus dimmer products have an adjustable minimum level feature which can be used to adjust the lighting output at a low level, to stabilise the load



APPROVED



NBS84P



NBN83P

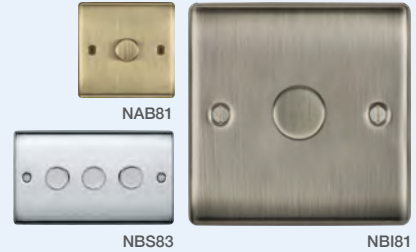


NPC82P

Brushed Steel	Polished Chrome	Black Nickel	Antique Brass	Brushed Iridium	Matt Black	Pearl Nickel	Description	Inner Carton	Outer Carton
NBS81P	NPC81P	NBN81P	NAB81P	NB81P	NMB81P	NPR81P	Single, 2 way, 400W	5	50
NBS82P	NPC82P	NBN82P	NAB82P	NB82P	NMB82P	NPR82P	Double, 2 way, 400W	5	50
NBS83P	NPC83P	NBN83P	-	-	-	-	Triple, 2 way, 400W	5	50
NBS84P	NPC84P	NBN84P	-	-	-	-	Quadruple, 2 way, 400W	5	50

Dimmer Switch – Intelligent Trailing Edge, Push Type

- Intelligent trailing edge dimmer suitable for LED, halogen, CFL 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
- 200-250V AC



Brushed Steel	Polished Chrome	Black Nickel	Antique Brass	Brushed Iridium	Matt Black	Pearl Nickel	Description	Inner Carton	Outer Carton
NBS81	NPC81	NBN81	NAB81	NBI81	NMB81	NPR81	Single, 2 way, push on/off (20-200W/5-100W LED)	5	50
NBS82	NPC82	NBN82	NAB82	NBI82	NMB82	-	Double, 2 way, push on/off (20-200W/5-100W LED)	5	50
NBS83	NPC83	NBN83	-	-	-	-	Triple, 2 way, push on/off (20-200W/5-100W LED)	5	50
NBS84	NPC84	NBN84	-	-	-	-	Quadruple, 2 way, push on/off (20-200W/5-100W LED)	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



Brushed Steel	Polished Chrome	Black Nickel	Antique Brass	Brushed Iridium	Matt Black	Pearl Nickel	Description	Inner Carton	Outer Carton
NBS20W	NPC20W	-	-	-	-	NPR20W	115/240V dual voltage, white insert	5	50
NBS20G	-	-	-	-	-	-	115/240V dual voltage, grey insert	5	50
NBS20B	-	NBN20B	NAB20B	NBI20B	NMB20B	-	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



Brushed Steel	Polished Chrome	Black Nickel	Description	Inner Carton	Outer Carton
NBS94	NPC94	NBN94	Single	5	50
NBS95	NPC95	NBN95	Double	5	50

Euro Module Front Plate

- Fitted with earth terminal



NBSEMS2



NPCEMS1



NBNEMS2



NPCEMR4

Brushed Steel	Polished Chrome	Black Nickel	Description	Inner Carton	Outer Carton
NBSEMS1	NPCEMS1	NBNEMS1	Single Euro module, single plate	10	100
NBSEMS2	NPCEMS2	NBNEMS2	Twin Euro module, single plate	10	100
NBSEMR4	NPCEMR4	NBNEMR4	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	Description	Inner Carton	Outer Carton
NBSKYCSG*	NPCKYCSW*	NBNKYCSB*	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)	100	1000
NFS38/10	M3.5 x 38mm screws, pack of 10 (for chrome + steel)	100	1000
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)	100	1000
NFS38/10BN	M3.5 x 38mm screws, pack of 10 (for black nickel)	100	1000
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)	100	1000



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 47 & 48



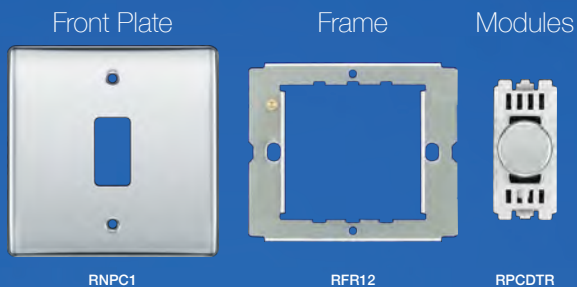
Nexus Grid Range Extension

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 40, 41 & 42





Weatherproof

Wiring Accessories

IP rated accessories designed to protect against water and dust ingress in the most arduous of conditions.

Outdoor sockets are an ideal option for managing outdoor or garden appliances, providing protection from the impact of water and dust. Hinged lids and covers act as an enclosure for the socket.

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



Nexus Storm



Decorative



IP55

IN THE RANGE

Decorative IP66	86
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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



Ergonomic design with
see-through cover

IP66 rated
housing



Robust, high impact
UV stable housing



Multiple gland
entry positions
& quick wire entry



Decorative Weatherproof Range



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

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



WPL42



WPL12

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 1362-2
- Switched sockets with blue LED power indicator
- Socket terminal capacity 3x 2.5mm², 3x 4.0mm² & 2x 6.0mm²

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



WPL21



WPL22

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 7288
- RCD 30mA trip current, 40ms speed
- Socket terminal capacity 3 x 2.5mm², 3 x 4.0mm² & 2 x 6.0mm²

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



WPL22RCD closed lid



WPL22RCD



Storm Weatherproof Range



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

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



WP12S

WP14S

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

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



WP12

WP42

13 Amp Switched Socket Outlets

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

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



WP21

WP22

13A WiFi Extender Switched Socket Outlet

- Extend your WiFi coverage to your outdoor living space
- Works with all wireless broadband routers
- Easy to install and setup with one touch WPS
- N300 WiFi 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 BS1363-2
- Terminal capacity 3 x 2.5mm², 3 x 4.0mm² & 2 x 6.0mm²

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



WiFi Socket



WP22WR

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

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



WP23



WP24

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
- Supplied with multiple knock-out mounting box
- Manufactured to BS 7288
- RCD 30mA trip current, 40ms trip speed
- Socket terminal capacity 3 x 2.5mm², 3 x 4.0mm² & 2 x 6.0mm²

*For information on the 2 types of RCD, please see page 16



WP22RCD closed lid



WP22RCD

Product Code	Description	Inner Carton	Outer Carton
WP22RCD	Double, 13 Amp, RCD switched (latching)	-	10

WP23L Explained

Designed to adapt

- Designed to fit large plug types, transformers, adaptors
- Adjustable socket position – top, middle, bottom

(RCD not supplied)



13Amp 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 3x 2.5mm², 3x 4.0mm² & 2x 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
- Easy to wire RCD plug, non-latching, 30mA trip current, 40ms trip



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

13Amp Fused Connection Unit

- IP66 rated
- FCU manufactured to BS1363-4
- Angled colour coded terminals with captive screws
- 1 drill out entry 20/25mm in rear face
- Visible indication of power status through see-through cover
- Terminal capacity 3x 2.5mm², 2x 4.0mm² & 1x 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 RCD Protection

- IP66 rated
- FCU manufactured to BS1363-4
- 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
- Visible indication of power status through see-through cover
- Terminal capacity 3x 2.5mm², 2x 4.0mm² & 1x 6.0mm



WP55RCD, side



WP55RCD

Product Code	Description	Inner Carton	Outer Carton
WP55RCD	13 Amp, RCD protection (latching)	-	10

Junction Box

- IP66 Rated
- 5 pole terminal block
- 10mm² wire capacity
- Multiple knockout – 1 on rear and three sides, 2 on one side
- Colour matched covers to seal the fixing screws
- 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



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

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



WPB42



WPB12

13Amp Socket Outlet

- IP55 Rated (with cover closed)
- 20mm & 25mm knock-outs in supplied mounting box
- Fixing centres with horizontal and vertical adjustment
- Manufactured to BS1363-2
- Terminal capacity 3 x 2.5mm² 3 x 4mm² 2 x 6.0mm²

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



WPB23



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

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



WPB50

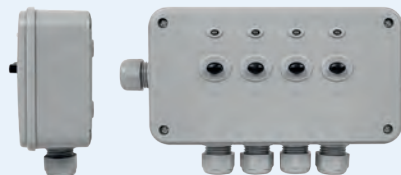


WPB50

Power Controller

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

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



WPB4S

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

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



WPBJBR



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

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



THK200C2E – closed

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

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
WPCON	Cable connector, IP67 rated to 1m depth	5	50



TTK20BKSD



WPCON,
open

LUCECO ACADEMY



SURGE PROTECTION TRAINING AND CPD COURSE

18TH EDITION



PART L TRAINING AND CPD COURSE

18TH EDITION



CIRCUIT PROTECTION TRAINING AND CPD COURSE

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REWIRES AND RENOVATION TRAINING AND CPD COURSE

18TH EDITION

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

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Understanding IP Ratings

Premium metal accessories, in a range of superior quality finishes that will complement any interior decor.

IP 6 6

Ingress Protection

Protection against foreign objects

Protection against foreign liquids

First Digit: Solid			Second Digit: Water		
IP	Tests	Degree of protection for people against access to hazardous parts with:	IP	Tests	Degree of protection against water:
0	No protection	No protection	0	No protection	No protection
1	Full penetration of 50mm diameter of sphere not allowed. Contact with hazardous parts not permitted	Back of hand	1	Protected against vertically falling drops of water	Vertically dripping
2	Full penetration of 12.5mm diameter of sphere not allowed. The jointed test finger shall have adequate clearance from hazardous parts	Finger	2	Protected against vertically falling drops of water with enclosure tilted 15° from the vertical	Dripping up to 15° from the vertical
3	The access probe of 2.5mm diameter shall not penetrate	Tool	3	Protected against sprays to 60° from the vertical	Limited spraying
4	The access probe of 2.5mm diameter shall not penetrate	Wire	4	Protected against water splashed from all directions – limited ingress permitted	Splashing from all directions
5	The access probe of 1mm diameter shall not penetrate	Wire; Dust protected	5	Protected against low pressure jets of water from all directions – limited ingress permitted	Hosing jets from all directions
6	No ingress of dust	Wire; Dust tight	6	Protected against strong jets of water e.g. for use on ship decks – limited ingress permitted	Hosing jets from all directions
			7	Protected against the effects of immersion between 150mm and 1m	Temporary immersion
			8	Protected against continuous submersion at a specified depth	Continuous immersion

Understanding IK Ratings

Premium metal accessories, in a range of superior quality finishes that will complement any interior decor.

IK 03

Impact Protection

Protection against foreign objects

Impact Energy		Equivalent Impact
00	0	No protection
01	0.15 Joules	Resistant against an impact from an object of 0.2kg (0.44lbs) thrown from a distance of 75mm (2.9")
02	0.2 Joules	Resistant against an impact from an object of 0.2kg (0.44lbs) thrown from a distance of 100mm (3.9")
03	0.35 Joules	Resistant against an impact from an object of 0.2kg (0.44lbs) thrown from a distance of 175mm (6.9")
04	0.5 Joules	Resistant against an impact from an object of 0.2kg (0.44lbs) thrown from a distance of 250mm (9.8")
05	0.7 Joules	Resistant against an impact from an object of 0.2kg (0.44lbs) thrown from a distance of 350mm (13.8")
06	1 Joule	Resistant against an impact from an object of 0.5kg (1.1lbs) thrown from a distance of 200mm (7.9")
07	2 Joules	Resistant against an impact from an object of 0.5kg (1.1lbs) thrown from a distance of 400mm (15.7")
08	5 Joules	Resistant against an impact from an object of 1.7kg (3.8lbs) thrown from a distance of 295mm (11.6")
09	10 Joules	Resistant against an impact from an object of 5kg (11lbs) thrown from a distance of 200mm (7.9")
10	20 Joules	Resistant against an impact from an object of 5kg (11lbs) thrown from a distance of 400mm (15.7")



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.

IN THE RANGE	
USB Sockets	98
Switches & Sockets	99
RCD Protection	99
45 Amp Switches	100
20 Amp Switches	100
FCU's	101
Blank & Euro Modules	101
Telephone Outlets	101
Key Controlled Socket	102
Surface Mounting Boxes	102



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



Features & Benefits



13 Amp Switched Socket with USB Charger 2x Outlets 3.1A

- Ideal for charging iPad, iPhone, tablets, mobiles, cameras and more
- 2x Type A USB sockets – 3.1A total output, 5V
- Twin earth fitted as standard
- Terminal capacity 3x 2.5mm², 3x 4.0mm² & 2x 6.0mm²
- 10 year guarantee



MC522U3

Product Code	Description	Inner Carton	Outer Carton
MC522U3	Double + 2x USB (3.1A)	5	50

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PART L

TRAINING AND CPD COURSE

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10 Amp 10AX 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

Product Code	Description	Inner Carton	Outer Carton
MC512	Single, 2 way	10	50
MC513	Intermediate	10	50
MC514	Single, bell push	10	50
MC542	Double, 2 way	10	50
MC543	Triple, 2 way	10	50
MC544	Quadruple, 2 way	5	25



MC544



MC514

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

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



MC522



MC523

13 Amp RCD Protection

- Maximum load 3120 watts 240V AC
- 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



MC522RCD



MC554RCD

Product Code	Description	Inner Carton	Outer Carton
MC552RCD	Double, switched socket outlet with RCD	5	25
MC554RCD	Fused connection unit	10	50

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	35
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

13Amp 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

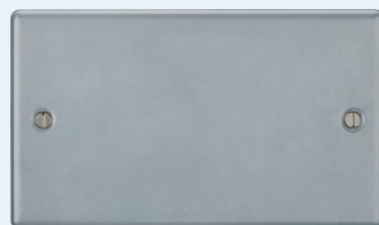


MC552F

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
MC5RJ111	RJ11, single, screw terminals	EM
MC5RJ112	RJ11, double	EM
MC5RJ451	RJ45 data outlet socket, single	EM
MC5RJ452	RJ45 data outlet socket, 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 46 & 49

Front Plate



MC5EMS1

Module(s)



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

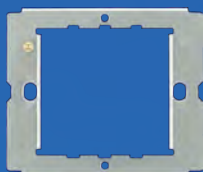
See page 39, 41 & 42

Front Plate



RMC1

Frame



RFR12

Modules



R12





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

Junction Boxes	106
Connector Covers	107
Fuses	107
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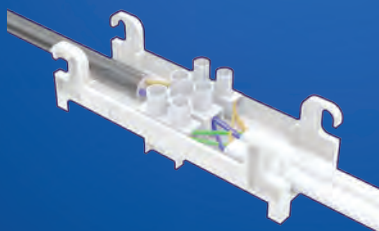
Features & Finishes



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

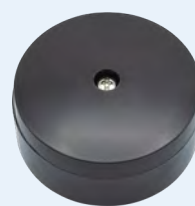
Product Code	Description	Inner Carton	Outer Carton
603	3 way, 30 Amp, 89mm/3.25" diameter – brown	10	100
603W	3 way, 30 Amp, 89mm/3.25" diameter – white	10	100
604	4 way, 20 Amp, 80mm/3.25" diameter – brown	10	100
604W	4 way, 20 Amp, 80mm/3.25" diameter – white	10	100
606	6 way, 20 Amp, 89mm/3.25" diameter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



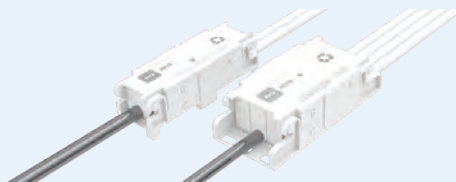
403/405/410

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

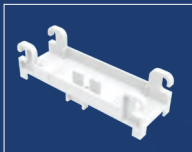
- For use with terminal strips up to 30 Amp
- 3 part, easy assemble connection cover – V2 fire rating
- Auto cable restraint – 75% quicker to install than similar products
- Supplied in a counter display carton
- White colour for ease of location in areas of low light
- Made in the UK from reclaimed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

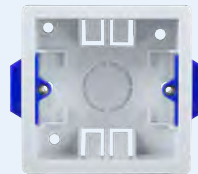


F1013

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
F1010	10 Amp in packs of 10	10	100
F1013	13 Amp in packs of 10	10	100

Dry Lining Boxes

- Chemical resistant
- Manufactured from PVC
- Select products complete with intumescent gasket to meet 17th edition IEE & document B of the UK building regulations
- Circular base knock-out size 25mm



907



919

Product Code	Description	Inner Carton	Outer Carton
907	Single, 35mm	10	100
907/10	Single, 35mm, Pack of 10	10	100
908	Double, 35mm	5	50
908/10	Double, 35mm, Pack of 10	10	100
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
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

Flex Connectors

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



452



458

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
TS5/6/1	5 Amp, 6 way	10	100
TS15/6/1	15 Amp, 6 way	10	100
TS30/6/1	30 Amp, 6 way	10	100
TS60/6/1	60 Amp, 6 way	10	100

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REWIRES AND RENOVATION

TRAINING AND CPD COURSE

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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

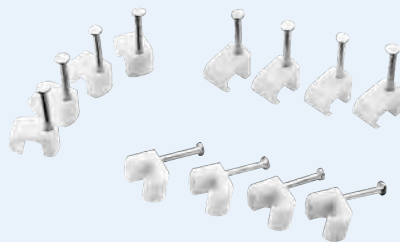


CCR7B/50

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

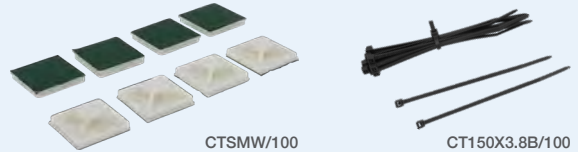
- Terminal size A-D (2.5mm²-10mm²)
- Maximum earth conductor 1x 10mm²
- Comply with BS 951



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

Cable Ties

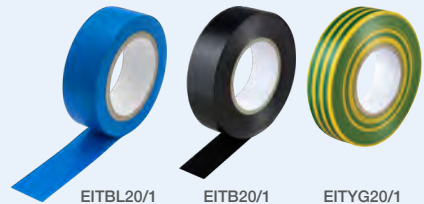
- Nylon (PA66) cable ties
- Quick and easy to install with high locking & tensile strength
- Continuous operating temperature -40°C to +85°C
- Halogen free, LSF (Low Smoke & Fume)



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
CTSMW/100	Small Cable Tie Mount	Natural	100	-	100
CTLMW/100	Large Cable Tie Mount	Natural	100	-	50

Insulation Tape

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



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 126

Insert options:



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

Product Code	Description	Wiring Type	Inner Carton	Outer Carton
MDC1	Mains door chime	Hard Wired	12	24
MDC2	Mains door chime with white bell push	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
MDCPB4	Brass bell push	Hard Wired	50	100
MDCPB5	Black plastic bell push	Hard Wired	50	100
MDC1/NT	Mains door chime (without transformer)	Hard Wired	12	24



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.bg-nexusgrid.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.

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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



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

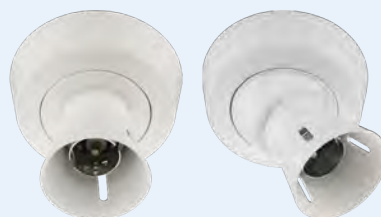
Product Code	Description	Inner Carton	Outer Carton
566	6" flex and 3.5" base	10	100
569	9" flex and 3.5" base	10	100
666	6" flex and 3" base	10	100
666DC	6" pendant set with decorators cover	10	100
669	9" flex and 3" base	10	100
6612	12" flex and 3" base	10	100



666

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

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



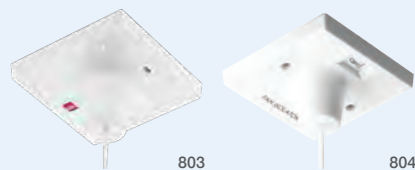
753

748

Ceiling Switches

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

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

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
661BRG	Brass finish cover with polycarbonate 3" diameter base	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

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
728H	10mm threaded entry with short skirt	20	20
252	Pushbar lamp holder switched 1/2" 26 BSB with threaded entry and short skirt	20	20
7368	Short skirt	100	1000
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

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 Range

IP rated designed to protect against water and dust ingress in the most arduous of conditions.

Weatherproof switches and sockets are a great addition to outdoor space allowing outside power whilst being protected.

- IP66 Water and Dust Protection
- Robust Polycarbonate Housing
- LED Power Indicator





Fortress Domestic

Circuit Protection

An extensive range in Circuit Protection, offering flexible solutions to support the latest in 18th Edition Wiring Regulations.

We offer a range of consumer unit and circuit protection products including surface and recessed enclosures and a range of protective and control devices to fit within, which include surge protection, contactors and timers. Quality products, built with the latest technologies ensures we can provide the right circuit protection solution for your needs.

IN THE RANGE

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



Features



Consumer Units



Standards

New all metal consumer units comply with 18th Edition Wiring Regulations BS 7671.

Product	Standard	Product	Standard
Consumer Unit	BS EN 61439-3	RCD	EN/IEC 61008
Main Switch	EN/IEC 60947-3	Enclosure	EN/IEC 61439
MCB	EN/IEC 60898	Contactor	EN/IEC 60947, 61095
RCBO	EN/IEC 61009-1	RCBO	EN/IEC 61558-1
SPD	IEC 61643-11		

Technical

• Terminals

Device	Capacity mm²	Max Torque Nm
Switch	35mm²	2.5Nm
MCB	25mm²	2Nm
RCD	35mm²	2.5Nm
RCBO	25mm² L in 4-10mm² L/N Out	2Nm
SPD	1.5-6mm²	2Nm L in 1.2Nm L/N Out

• Devices – Pole Pitch 18mm

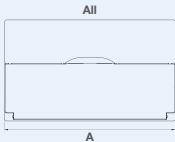
Consumer Unit	Width (A)
4 Modules	172.4mm
6 Modules	208.4mm
9 Modules	262.4mm
12 Modules	316.4mm
16 Modules	388.4mm
19 Modules	442.4mm
22 Modules	494.4mm

• Cut Outs and Knockouts

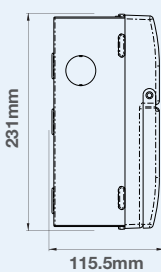
Range	Top & Bottom Face	Sides	Base
4 Modules	2 x ø20mm, 1 x ø32mm	1 x ø32mm	1 x ø37 x 67mm
6 Modules	4 x ø20mm, 1 x ø32mm	1 x ø32mm	1 x ø35 x 90mm
8 Modules	6 x ø20mm, 1 x ø32mm	1 x ø32mm	1 x ø35 x 90mm
9 Modules	6 x ø20mm, 1 x ø32mm	1 x ø32mm	1 x ø35 x 90mm
12 Modules	8 x ø20mm, 2 x ø32mm	1 x ø32mm	1 x ø35 x 90mm
16 Modules	9 x ø20mm, 2 x ø32mm	1 x ø32mm	2 x ø50mm, 1 x ø35 x 90mm
19 Modules	11 x ø20mm, 2 x ø32mm	1 x ø32mm	2 x ø50mm, 1 x ø35 x 90mm
22 Modules	13 x ø20mm, 2 x ø32mm	1 x ø32mm	3 x ø35 x 90mm

• Positive contact status indication on Switch, MCB, RCD & RCBO provided by green indicator to show contacts are open

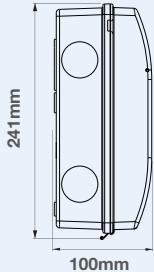
Product	Description
Consumer Units	Max current rating 100A (I _{na}), Operating Voltage 230V 50Hz (U _n /U _e), Short circuit withstand 16kA rms, Metal CU base manufactured from 1.2mm steel
RCD Type AC	Tripping Time – 1 x I _n ≤100mS, 5 x I _n ≤40mS
RCD Type A	Tripping Time – 1 x I _n ≤100mS, 5 x I _n ≤40mS
RCBO Type AC	Poles – 1 (1P + N)
RCBO Type A	Poles – 1 (1P + N)
Enclosures	IP65, 5 Module, W-176mm, H-241mm, D-100mm, Knockouts – Dia ø20mm can be drilled to 32mm, sides – 2 off, top and bottom – 3 off, base – 1 off
MCB	Breaking Capacity 6000A, B Curve operating 3-5 x I _n , C Curve operating 5-10 x I _n
Contractors	Poles – 2 (1 + N), NO (Normally Open)
Bell Transformer	Output voltage 8, 12, 24V AC, Rated output 8VA, Consumption 1, 15W
SPD Type 2	Max Operating Voltage 275V, Voltage Protection Level <1.5kV, Nominal discharge current – L-N 20kA, N-PE 20kA, Max discharge current: 40kA, Response time <25ns



IP20 Enclosures



IP65 Enclosures



Residual Current Devices

Type AC

Ensures tripping for residual AC currents.

Type A

Ensures tripping for residual AC currents and pulsating DC currents. For most applications Type AC devices are the most suitable. Where loads produce DC currents such as electric vehicle charging points then Type A RCD will need to be considered. The decision to fit Type A RCD will depend on the potential level of DC current and manufacturers data for the equipment would need to be consulted.



Type AC

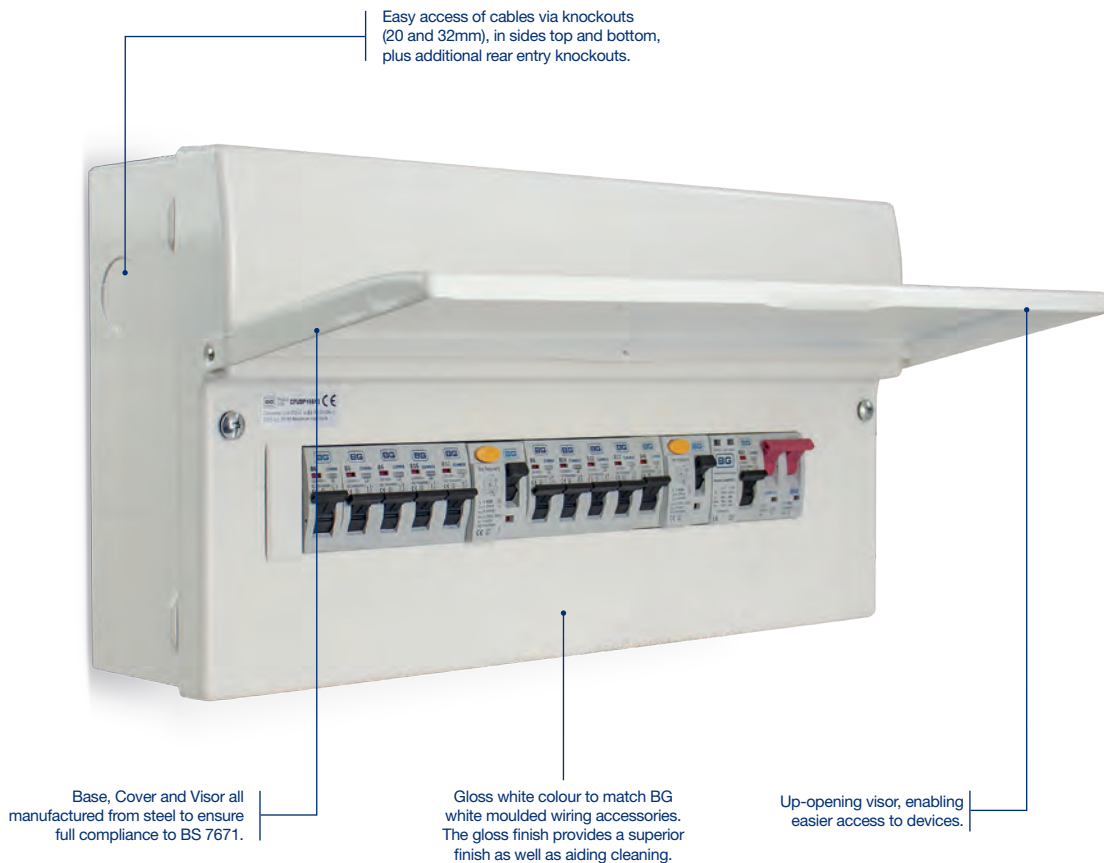


Type A

Consumer Units

Consumer units for use in domestic household premises.

- Modern stylish design with a profile that matches BG wiring accessories
- Flexibility for maximum circuit combinations and easy upgrades
- Fast and simple installation
- Consumer unit and devices tested to all relevant standards
- 10 Year Guarantee



18th Edition Wiring Regulations

BG's Fortress range of metal up-opening consumer units and enclosures comply with BS 7671:2018 18th Edition Wiring Regulations.

Features & Benefits

Stylish design – curved profile.



Side 32mm knockout can be expanded to accept 40mm gland if required.

Lockable cover option available.



Trim supplied to protect cables from sharp edged rear entry knockouts.

Spirit level, to enable quick installation, without need of additional tools.

Backed-out and retained terminal screws, prevents loss of screws and saves on installation time.

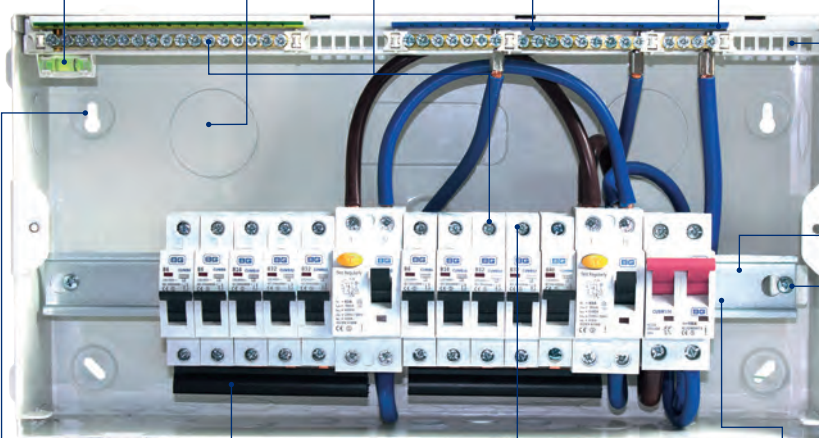
Longer terminal bars, provide more capacity and greater flexibility of number of wiring configurations.

High integrity as standard, allows for no RCD protected circuits to be fitted.
*Excluding Main switch and RCD incomer consumer units.

Better cable retention due to large screws, enabling greater torque and cables fitted with ferrules.

Offset incomer, provides additional space for main incomer cables.

Fast release of DIN rail, to simplify and make first fix faster.



Tripod fixing points allows for fixing to uneven surfaces.

Floating busbar, provides maximum installation flexibility.

All screws within consumer units and enclosures are combi style, enabling need for only one screwdriver when installing fitting.

All metal raised DIN rail, allows space for cables to pass below.

10 Year Guarantee

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

(For terms and conditions see www.bgelectrical.uk)



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	RCD	MCB's	SPD Type 2	IP	Cover Blanks
CUEMS1	2	2	100A	-	-	-	20	-

Weatherproof Enclosure

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.

Product Code	Modules	Ways	Main Switch	RCD	MCB's	SPD Type 2	IP	Cover Blanks
CFE5W	5	5	-	-	-	-	65	1
CFGAR1	5	3	-	40A Type AC	2	-	65	1
CFGAR2	5	3	100A	-	2	-	65	1
CFSHOW1	5	3	-	63A Type AC	1	-	65	2
CFSPDE02	5	3	100A	-	1	Y	65	1

Non-Weatherproof Enclosures

Product Code	Modules	Ways	Main Switch	RCD	MCB's	SPD Type 2	IP	Cover Blanks
CFUE4M	4	4	-	-	-	-	20	2
CFUGAR1	4	2	-	40A Type AC	2	-	20	2
CFUGAR2	4	2	100A	-	2	-	20	2
CFUSHOW1	4	2	-	63A Type AC	2	-	20	2

Weatherproof IP65

- 5 Module enclosures accept SP RCBOs
- IP65 enclosures c/w 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



IP65 Weatherproof

Product Code	Quantity of MCB's	B Curve MCB's Included
CFE5W	0	-
CFGAR1	2	6A x 1, 32A x 1
CFGAR2	2	6A x 1, 16A x 1
CFSHOW1	1	50A x 1
CUSPDE02	1	32A x 1

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 & earth terminals, cover blanks, IP65 and busbar



CFUGAR1

Product Code	Quantity of MCB's	B Curve MCB's Included
CFUE4M	0	-
CFUGAR1	2	6A x 1, 32A x 1
CFUGAR2	2	6A x 1, 16A x 1
CFUSHOW1	1	50A x 1

Main Switch Consumer Units

Double pole isolation ready for MCB & RCBO circuits.

- Metal units supplied with Ø20mm and Ø32mm knockouts
- Each consumer unit supplied with spare cover blanks
- Lockable covers also available, see accessories section

Note: Split load configurations, can be created using Main Switch Consumer Unit, RCD and cable kit CUA05.



CFUSW10

Product Code	Modules	Ways	Main Switch	RCD	MCB's	IP	Cover Blanks
Main Switch Consumer Units – Unpopulated							
CFUSW04	6	4	100A	-	-	2XC	2
CFUSW07	9	7	100A	-	-	2XC	2
CFUSW10	12	10	100A	-	-	2XC	2
CFUSW14	16	14	100A	-	-	2XC	2
CFUSW17	19	17	100A	-	-	2XC	4
CFUSW20	22	20	100A	-	-	2XC	4

RCD Incomer

An RCD Incomer allows the protection of isolating both poles of the incoming supply with the protection of a 30mA RCD, a great way to add additional board in workshops, garages, garden offices and sheds which use small numbers of circuits.

- Metal units supplied with Ø20mm and Ø32mm knockouts
- Each consumer unit supplied with spare cover blanks
- Lockable covers also available, see accessories section



CFURSW814

Product Code	Modules	Ways	Main Switch	RCD	MCB's	IP	Cover Blanks
RCD Incomer Consumer Units – Unpopulated – 1 X 80A type AC							
CFURSW804	6	4	-	80A Type AC	-	2XC	2
CFURSW807	9	7	-	80A Type AC	-	2XC	2
CFURSW810	12	10	-	80A Type AC	-	2XC	2
CFURSW814	16	14	-	80A Type AC	-	2XC	2
CFURSW817	19	17	-	80A Type AC	-	2XC	4
CFURSW820	22	20	-	80A Type AC	-	2XC	4
RCD Incomer Consumer Units – Unpopulated – 1 X 80A Type A							
CFURSW804A	6	4	-	80A Type A	-	2XC	2
CFURSW807A	9	7	-	80A Type A	-	2XC	2
CFURSW810A	12	10	-	80A Type A	-	2XC	2
CFURSW814A	16	14	-	80A Type A	-	2XC	2
CFURSW817A	19	17	-	80A Type A	-	2XC	4
CFURSW820A	22	20	-	80A Type A	-	2XC	4

Dual RCD Consumer Units – Unpopulated

Allows the installer to split the consumers power needs across two 30mA RCD's, for example lighting and sockets circuits.

- Dual RCD units supplied with optional High Integrity as standard
- Each consumer unit supplied with spare cover blanks
- Terminal and busbar design provide maximum flexibility for combination of protected or unprotected circuits
- Lockable covers also available, see accessories section



CFUD8613

Product Code	Modules	Ways	Main Switch	RCD	MCB's	IP	Cover Blanks
Dual RCD Consumer Units – Unpopulated 2 X 63A Type AC							
CFUD6606	12	6	100A	63A/63A Type AC	-	2XC	2
CFUD6610	16	10	100A	63A/63A Type AC	-	2XC	2
CFUD6613	19	13	100A	63A/63A Type AC	-	2XC	4
CFUD6616	22	16	100A	63A/63A Type AC	-	2XC	4
Dual RCD Consumer Units – Unpopulated 1 X 80A 1 X 63A Type AC							
CFUD8606	12	6	100A	80A/63A Type AC	-	2XC	2
CFUD8610	16	10	100A	80A/63A Type AC	-	2XC	2
CFUD8613	19	13	100A	80A/63A Type AC	-	2XC	4
CFUD8616	22	16	100A	80A/63A Type AC	-	2XC	4
Dual RCD Consumer Units – Unpopulated 2 X 63A Type A							
CFUD6606A	12	6	100A	63A/63A Type A	-	2XC	2
CFUD6610A	16	10	100A	63A/63A Type A	-	2XC	2
CFUD6613A	19	13	100A	63A/63A Type A	-	2XC	4
CFUD6616A	22	16	100A	63A/63A Type A	-	2XC	4
Dual RCD Consumer Units – Unpopulated 1 X 80A 1 X 63A Type A							
CFUD8606A	12	6	100A	80A/63A Type A	-	2XC	2
CFUD8610A	16	10	100A	80A/63A Type A	-	2XC	2
CFUD8613A	19	13	100A	80A/63A Type A	-	2XC	4
CFUD8616A	22	16	100A	80A/63A Type A	-	2XC	4
Dual RCD Consumer Units – Unpopulated 1 X 100A 1 X 80A Type A							
CFUD100806A	12	6	100A	100A/80A Type A	-	2XC	2
CFUD100810A	16	10	100A	100A/80A Type A	-	2XC	2
CFUD100813A	19	13	100A	100A/80A Type A	-	2XC	4
CFUD100816A	22	16	100A	100A/80A Type A	-	2XC	4
Dual RCD Consumer Units – Unpopulated 2 X 100A Type A							
CFUD100006A	12	6	100A	100A/100A Type A	-	2XC	2
CFUD1000010A	16	10	100A	100A/100A Type A	-	2XC	2
CFUD1000013A	19	13	100A	100A/100A Type A	-	2XC	4
CFUD1000016A	22	16	100A	100A/100A Type A	-	2XC	4

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Dual RCD Consumer Units – Populated

Allows the installer to split the consumers power needs across two 30mA RCD's, for example lighting and sockets circuits.

- Supplied complete with MCBs fitted, see table
- Dual RCD units supplied with optional High Integrity as standard
- Each consumer unit supplied with spare cover blanks
- Terminal and busbar design provide maximum flexibility for combination of protected or unprotected circuits
- Lockable covers also available, see accessories section

Consumer Unit Size	Quantity of MCB's	B Curve MCB's Included
6 Way	6	6A x 2, 16A, 32A x 2, 40A
10/13 Way	10	6A x 3, 16A x 2, 32A x 4, 40A
16 Way	12	6A x 3, 10A, 16A x 2, 32A x 4, 40A, 50A

Product Code	Modules	Ways	Main Switch	RCD	MCB's	IP	Cover Blanks
Dual RCD Consumer Units – Populated 2 X 63A Type AC							
CFUDP16606	12	6	100A	63A/63A Type AC	6	2XC	2
CFUDP16610	16	10	100A	63A/63A Type AC	10	2XC	2
CFUDP16613	19	13	100A	63A/63A Type AC	10	2XC	4
CFUDP16616	22	16	100A	63A/63A Type AC	12	2XC	4
Dual RCD Consumer Units – Populated 1 X 80A 1 X 63A Type AC							
CFUDP18606	12	6	100A	80A/63A Type AC	6	2XC	2
CFUDP18610	16	10	100A	80A/63A Type AC	10	2XC	2
CFUDP18613	19	13	100A	80A/63A Type AC	10	2XC	4
CFUDP18616	22	16	100A	80A/63A Type AC	12	2XC	4
Dual RCD Consumer Units – Populated 2 X 63A Type A							
CFUDP16606A	12	6	100A	63A/63A Type A	6	2XC	2
CFUDP16610A	16	10	100A	63A/63A Type A	10	2XC	2
CFUDP16613A	19	13	100A	63A/63A Type A	10	2XC	4
CFUDP16616A	22	16	100A	63A/63A Type A	12	2XC	4
Dual RCD Consumer Units – Populated 1 X 80A 1 X 63A Type A							
CFUDP18606A	12	6	100A	80A/63A Type A	6	2XC	2
CFUDP18610A	16	10	100A	80A/63A Type A	10	2XC	2
CFUDP18613A	19	13	100A	80A/63A Type A	10	2XC	4
CFUDP18616A	22	16	100A	80A/63A Type A	12	2XC	4
Dual RCD Consumer Units – Populated 1 X 100A 1 X 80A Type A							
CFUDP100806A	12	6	100A	100A/80A Type A	6	2XC	2
CFUDP100810A	16	10	100A	100A/80A Type A	10	2XC	2
CFUDP100813A	19	13	100A	100A/80A Type A	10	2XC	4
CFUDP100816A	22	16	100A	100A/80A Type A	12	2XC	4
Dual RCD Consumer Units – Populated 2 X 100A Type A							
CFUDP100006A	12	6	100A	100A/100A Type A	6	2XC	2
CFUDP1000010A	16	10	100A	100A/100A Type A	10	2XC	2
CFUDP1000013A	19	13	100A	100A/100A Type A	10	2XC	4
CFUDP1000016A	22	16	100A	100A/100A Type A	12	2XC	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 SP RCBOs fitted
- Each consumer unit supplied with spare cover blanks



CFUSWP610

Product Code	Modules	Ways	Main Switch	RCD	MCB's	RCBO's	IP	Cover Blanks
RCBO Main Switch Consumer Units – Populated AC								
CFUSWP404	12	4	100A Type AC	-	-	4	2XC	2
CFUSWP610	12	10	100A Type AC	-	-	6	2XC	2
CFUSWP810	12	10	100A Type AC	-	-	8	2XC	2
CFUSWP110	12	10	100A Type AC	-	-	10	2XC	2
RCBO Main Switch Consumer Units – Populated Type A								
CFUSWP612A	12	10	100A Type A	-	-	6	2XC	2
CFUSWP812A	12	10	100A Type A	-	-	8	2XC	2
CFUSWP112A	12	10	100A Type A	-	-	10	2XC	2

Product Code	Quantity of RCBO's	B Curve Type AC RCBO's Included	Product Code	Quantity of RCBO's	B Curve Type A RCBO's Included
CFUSWP404	4	6A, 16A, 32A, 40A	CFUSWP612A	6	6A x 2, 16A, 32A x 2, 40A
CFUSWP610	6	6A x 2, 16A, 32A x 2, 40A	CFUSWP812A	8	6A x 3, 16A, 32A x 3, 40A
CFUSWP810	8	6A x 3, 16A, 32A x 3, 40A	CFUSWP112A	10	6A x 3, 16A x 2, 32A x 4, 40A
CFUSWP110	10	6A x 3, 16A x 2, 32A x 4, 40A			

Recessed Consumer Units

A method of installation which allows the installer to carry out a first fix to a property, without the worry of other trades painting or plastering the outer front cover.

This range also offers a smaller profile for narrow passages and where height requirements are specified. Available in Main Switch/RCD, Dual RCD, in Populated and Unpopulated versions.

- Fully recessed for low intrusion
- 68mm depth into wall cavity
- Dual RCD units supplied with optional high integrity as standard
- Each consumer unit supplied with spare cover blanks
- Supplied with lockable cover as standard
- Optional barrel lock supplied separately
- Terminals and Busbar design provide maximum flexibility for combination of protected or unprotected circuits



CFFD8616

Consumer Unit Size	Quantity of MCB's	B Curve MCBs Included
10 Way	10	6A x 3, 16A x 2, 32A x 4, 40A
16 Way	12	6A x 3, 10A, 16A x 2, 32A x 4, 40A, 50A

Product Code	Modules	Ways	Main Switch	RCD	MCB's	RCBO's	IP	Cover Blanks
Recessed Consumer Units – Main Switch, Unpopulated								
CFFSW14	16	14	100A	-	-	-	2XC	2
CFFSW20	22	20	100A	-	-	-	2XC	4
Recessed Consumer Units – RCD Incomer, Type AC, Unpopulated								
CFFRSW814	16	14	-	80A Type AC	-	-	2XC	2
CFFRSW820	22	20	-	80A Type AC	-	-	2XC	4
Recessed Consumer Units – RCD Incomer, Type A, Unpopulated								
CFFRSW814A	16	14	-	80A Type A	-	-	2XC	2
CFFRSW820A	22	20	-	80A Type A	-	-	2XC	4
CFFRSW100014A	16	14	-	100A Type A	-	-	2XC	2
CFFRSW100020A	22	20	-	100A Type A	-	-	2XC	4

Recessed Dual RCD Consumer Units – Unpopulated, Type AC

Product Code	Modules	Ways	Main Switch	RCD	MCB's	RCBO's	IP	Cover Blanks
1 X 80A 1 X 63A Type AC								
CFFD8610	16	14	100A	80A/63A Type AC	-	-	2XC	2
CFFD8616	22	20	100A	80A/63A Type AC	-	-	2XC	4

Recessed Dual RCD Consumer Units – Unpopulated, Type A

Product Code	Modules	Ways	Main Switch	RCD	MCB's	RCBO's	IP	Cover Blanks
1 X 80 1 X 63A Type A								
CFFD8610A	16	10	100A	80A/63A Type A	-	-	2XC	2
CFFD8616A	22	16	100A	80A/63A Type A	-	-	2XC	4
1 X 100 1 X 80A Type A								
CFFD100810A	16	10	100A	100A/80A Type A	-	-	2XC	2
CFFD100816A	22	16	100A	100A/80A Type A	-	-	2XC	4
2 X 100A Type A								
CFFD1000010A	16	10	100A	100A/100A Type A	-	-	2XC	2
CFFD1000016A	22	16	100A	100A/100A Type A	-	-	2XC	4

Recessed Dual RCD Consumer Units – Populated, Type AC

Consumer Unit Size	Quantity of MCB's	B Curve MCBs Included
10 Way	10	6A x 3, 16A x 2, 32A x 4, 40A
16 Way	12	6A x 3, 10A, 16A x 2, 32A x 4, 40A, 50A

Product Code	Modules	Ways	Main Switch	RCD	MCB's	RCBO's	IP	Cover Blanks
1 X 80A 1 X 63A Type AC								
CFFDP18610	16	10	100A	80A/63A Type AC	10	-	2XC	2
CFFDP18616	22	16	100A	80A/63A Type AC	12	-	2XC	4

Recessed RCD Populated Consumer Units – Type A

A method of installation which allows the installer to carry out a first fix to a property, without the worry of other trades painting or plastering the outer front cover. This range also offers a smaller profile for narrow passages and where height requirements are specified. Available in Main Switch/RCD and Dual RCD type incoming versions.

Consumer Unit Size	Quantity of MCB's	B Curve MCBs Included
10 Way	10	6A x 3, 16A x 2, 32A x 4, 40A
16 Way	12	6A x 3, 10A, 16A x 2, 32A x 4, 40A, 50A



CFFD8610

Product Code	Modules	Ways	Main Switch	RCD	MCB's	RCBO's	IP	Cover Blanks
1 X 80A 1 X 63A Type A								
CFFDP18610A	16	10	100A	80A/63A Type A	10	-	2XC	2
CFFDP18616A	22	16	100A	80A/63A Type A	12	-	2XC	4
1 X 100A 1 X 80A Type A								
CFFDP100810A	16	10	100A	100A/80A Type A	10	-	2XC	2
CFFDP100816A	22	16	100A	100A/80A Type A	12	-	2XC	4
2 X 100A Type A								
CFFDP1000010A	16	10	100A	100A/100A Type A	10	-	2XC	2
CFFDP1000016A	22	16	100A	100A/100A Type A	12	-	2XC	4

Recessed SPD Consumer Units – Unpopulated

A method of installation which allows the installer to carry out a first fix to a property, without the worry of other trades painting or plastering the outer front cover. This range also offers a smaller profile for narrow passages and where height requirements are specified. Available in Main Switch/RCD, Dual RCD, in Populated and Unpopulated versions, and with the added inclusion of an SPD to be compliant with the 18th Edition Wiring Regulations BS7671.

- These consumer units will suit most applications with the added benefit of having a Surge Protection Device fitted which is now part of the BS7671 18th Edition Regulations

- Supplied with 100A main switch and the Surge Protection Device (pre-wired)
- The terminal and busbar provide maximum flexibility and come as high integrity as standard for a combination of protected and unprotected circuits
- A range of RCBOs, MCBs and additional BG control devices can be fitted into the consumer units
- Lockable covers are available in the range, please contact BG for more information

Product Code	Modules	Ways	Main Switch	RCD	MCB's	RCBO's	SPD Type 2	IP	Cover Blanks
Main Switch Type AC + SPD									
CFFSW12SPD	16	12	100A	-	-	-	Y	2XC	2
CFFSW18SPD	22	18	100A	-	-	-	Y	2XC	4
RCD Incomer Type AC + SPD									
CFFRSW812SPD	16	12	-	80A Type AC	-	-	Y	2XC	2
CFFRSW818SPD	22	18	-	80A Type AC	-	-	Y	2XC	4
RCD Incomer Type A + SPD									
CFFRSW812ASPD	16	12	-	80A Type A	-	-	Y	2XC	2
CFFRSW818ASPD	22	18	-	80A Type A	-	-	Y	2XC	4
CFFRSW100012ASPD	16	12	-	100A Type A	-	-	Y	2XC	2
CFFRSW100018ASPD	22	18	-	100A Type A	-	-	Y	2XC	4
Recessed Dual RCD Consumer Units – Unpopulated – 1 x 80A 1 x 63A Type AC + SPD									
CFFD8608SPD	16	8	100A	80A/63A Type AC	-	-	Y	2XC	2
CFFD8614SPD	22	14	100A	80A/63A Type AC	-	-	Y	2XC	4
Recessed Dual RCD Consumer Units – Unpopulated – 1 X 80A 1 X 63A Type A + SPD									
CFFD8608ASPD	16	8	100A	80A/63A Type A	-	-	Y	2XC	2
CFFD8614ASPD	22	14	100A	80A/63A Type A	-	-	Y	2XC	4
Recessed Dual RCD Consumer Units – Unpopulated – 1 X 100A 1 X 80A Type A + SPD									
CFFD100808ASPD	16	8	100A	100A/80A Type A	-	-	Y	2XC	2
CFFD100814ASPD	22	14	100A	100A/80A Type A	-	-	Y	2XC	4
Recessed Dual RCD Consumer Units – Unpopulated – 2 X 100A Type A + SPD									
CFFD1000008ASPD	16	8	100A	100A/100A Type A	-	-	Y	2XC	2
CFFD1000014ASPD	22	14	100A	100A/100A Type A	-	-	Y	2XC	4

Recessed SPD Consumer Units – Populated

Product Code	Modules	Ways	Main Switch	RCD	MCB's	RCBO's	SPD Type 2	IP	Cover Blanks
Recessed Dual RCD Consumer Units – Populated – 1 X 80A 1 X 63A Type AC + SPD									
CFFDP18608SPD	16	8	100A	80A/63A Type AC	8	-	Y	2XC	2
CFFDP18614SPD	22	14	100A	80A/63A Type AC	10	-	Y	2XC	4
Recessed Dual RCD Consumer Units – Populated – 1 X 80A 1 X 63A Type A + SPD									
CFFDP18608ASPD	16	8	100A	80A/63A Type A	8	-	Y	2XC	2
CFFDP18614ASPD	22	14	100A	80A/63A Type A	10	-	Y	2XC	4
Recessed Dual RCD Consumer Units – Populated – 1 X 100A 1 X 80A Type A + SPD									
CFFDP100808ASPD	16	8	100A	100A/80A Type A	8	-	Y	2XC	2
CFFDP100814ASPD	22	14	100A	100A/80A Type A	10	-	Y	2XC	4
Recessed Dual RCD Consumer Units – Populated – 2 X 100A Type A + SPD									
CFFDP1000008ASPD	16	8	100A	100A/100A Type A	8	-	Y	2XC	2
CFFDP1000014ASPD	22	14	100A	100A/100A Type A	10	-	Y	2XC	4

SPD Consumer Units – Unpopulated

This range of consumer units give the flexibility of choice of incoming arrangement and with the added inclusion of an SPD to be compliant with the 18th Edition Wiring Regulations BS7671.

- These consumer units will suit most applications with the added benefit of having a Surge Protection Device fitted which is now part of the BS7671 18th Edition Regulations
- Supplied with 100A main switch and the Surge Protection Device (pre-wired)
- The terminal and busbar provide maximum flexibility and come as high integrity as standard for a combination of protected and unprotected circuits
- A range of RCBOs, MCBs and additional BG control devices can be fitted into the consumer units
- Lockable covers are available in the range, please contact BG for more information



CFUSW12SPD

Product Code	Modules	Ways	Main Switch	RCD	MCB's	RCBO's	SPD Type 2	IP	Cover Blanks
Main Switch + SPD									
CFUSW05SPD	9	5	100A	-	-	-	Y	2XC	2
CFUSW08SPD	12	8	100A	-	-	-	Y	2XC	2
CFUSW12SPD	16	12	100A	-	-	-	Y	2XC	2
CFUSW15SPD	19	15	100A	-	-	-	Y	2XC	4
CFUSW18SPD	22	18	100A	-	-	-	Y	2XC	4
RCD Incomer Type AC + SPD									
CFURSW805SPD	9	5	-	80A Type AC	-	-	Y	2XC	2
CFURSW808SPD	12	8	-	80A Type AC	-	-	Y	2XC	2
CFURSW812SPD	16	12	-	80A Type AC	-	-	Y	2XC	2
CFURSW815SPD	19	15	-	80A Type AC	-	-	Y	2XC	4
CFURSW818SPD	22	18	-	80A Type AC	-	-	Y	2XC	4
RCD Incomer Type A + SPD									
CFURSW805ASPD	9	5	-	80A Type A	-	-	Y	2XC	2
CFURSW808ASPD	12	8	-	80A Type A	-	-	Y	2XC	2
CFURSW812ASPD	16	12	-	80A Type A	-	-	Y	2XC	2
CFURSW815ASPD	19	15	-	80A Type A	-	-	Y	2XC	4
CFURSW818ASPD	22	18	-	80A Type A	-	-	Y	2XC	4
Dual RCD Consumer Units – Unpopulated – 2 X 63A Type AC + SPD									
CFUD6608SPD	16	8	100A	63/63 Type AC	-	-	Y	2XC	2
CFUD6611SPD	19	11	100A	63/63 Type AC	-	-	Y	2XC	4
CFUD6614SPD	22	14	100A	63/63 Type AC	-	-	Y	2XC	4
Dual RCD Consumer Units – Unpopulated – 1 X 80A 1 X 63A Type AC + SPD									
CFUD8608SPD	16	8	100A	80A/63A Type AC	-	-	Y	2XC	2
CFUD8611SPD	19	11	100A	80A/63A Type AC	-	-	Y	2XC	4
CFUD8614SPD	22	14	100A	80A/63A Type AC	-	-	Y	2XC	4
Dual RCD Consumer Units – Unpopulated – 2 X 63A Type A + SPD									
CFUD6608ASPD	16	8	100A	63A/63A Type A	-	-	Y	2XC	2
CFUD6611ASPD	19	11	100A	63A/63A Type A	-	-	Y	2XC	4
CFUD6614ASPD	22	14	100A	63A/63A Type A	-	-	Y	2XC	4
Dual RCD Consumer Units – Unpopulated – 1 X 80A 1 X 63A Type A + SPD									
CFUD8608ASPD	16	8	100A	80A/63A Type A	-	-	Y	2XC	2
CFUD8611ASPD	19	11	100A	80A/63A Type A	-	-	Y	2XC	4
CFUD8614ASPD	22	14	100A	80A/63A Type A	-	-	Y	2XC	4
Dual RCD Consumer Units – Unpopulated – 1 X 100A 1 X 80A Type A + SPD									
CFUD100808ASPD	16	8	100A	100A/80A Type A	-	-	Y	2XC	2
CFUD100811ASPD	19	11	100A	100A/80A Type A	-	-	Y	2XC	4
CFUD100814ASPD	22	14	100A	100A/80A Type A	-	-	Y	2XC	4
Dual RCD Consumer Units – Unpopulated – 2 X 100A Type A + SPD									
CFUD100008ASPD	16	8	100A	100A/100A Type A	-	-	Y	2XC	2
CFUD1000011ASPD	19	11	100A	100A/100A Type A	-	-	Y	2XC	4
CFUD1000014ASPD	22	14	100A	100A/100A Type A	-	-	Y	2XC	4

SPD – Consumer Units – Populated

This range of consumer units give the flexibility of choice of incoming arrangement and with the added inclusion of an SPD to be compliant with the 18th Edition Wiring Regulations BS7671 and comes complete with outgoing MCB's.

- These consumer units will suit most applications with the added benefit of having a Surge Protection Device fitted which is now part of the BS7671 18th Edition Regulations

- Supplied with 100A main switch and the Surge Protection Device (pre-wired)
- The terminal and busbar provide maximum flexibility and come as high integrity as standard for a combination of protected and unprotected circuits
- A range of RCBO's, MCBs and additional BG control devices can be fitted into the consumer units
- Lockable covers are available in the range, please contact BG for more information

Product Code	Modules	Ways	Main Switch	RCD	MCB's	RCBO's	SPD Type 2	IP	Cover Blanks
Dual RCD Consumer Units – Populated – 2 X 63A Type AC + SPD									
CFUDP16608SPD	16	8	100A	63A/63A Type AC	8	-	Y	2XC	2
CFUDP16611SPD	19	11	100A	63A/63A Type AC	10	-	Y	2XC	4
CFUDP16614SPD	22	14	100A	63A/63A Type AC	12	-	Y	2XC	4
Dual RCD Consumer Units – Populated – 1 X 80A 1 X 63A Type AC + SPD									
CFUDP18608SPD	16	8	100A	80A/63A Type AC	8	-	Y	2XC	2
CFUDP18611SPD	19	11	100A	80A/63A Type AC	10	-	Y	2XC	4
CFUDP18614SPD	22	14	100A	80A/63A Type AC	12	-	Y	2XC	4
Dual RCD Consumer Units – Populated – 2 X 63A Type A + SPD									
CFUDP16608ASPD	16	8	100A	63A/63A Type A	8	-	Y	2XC	2
CFUDP16611ASPD	19	11	100A	63A/63A Type A	10	-	Y	2XC	4
CFUDP16614ASPD	22	14	100A	63A/63A Type A	12	-	Y	2XC	4
Dual RCD Consumer Units – Populated – 1 X 80A 1 X 63A Type A + SPD									
CFUDP18608ASPD	16	8	100A	80A/63A Type A	8	-	Y	2XC	2
CFUDP18611ASPD	19	11	100A	80A/63A Type A	10	-	Y	2XC	4
CFUDP18614ASPD	22	14	100A	80A/63A Type A	12	-	Y	2XC	4
Dual RCD Consumer Units – Populated – 2 X 80A Type A + SPD									
CFUDP18808ASPD	16	8	100A	80A 30mA Type A	8	-	Y	2XC	2
CFUDP18811ASPD	19	11	-	80A 30mA Type A	10	-	Y	2XC	4
Dual RCD Consumer Units – Populated – 1 X 100A 1 X 80A Type A + SPD									
CFUDP100808ASPD	16	8	100A	100A/80A Type A	8	-	Y	2XC	2
CFUDP100811ASPD	19	11	100A	100A/80A Type A	10	-	Y	2XC	4
CFUDP100814ASPD	22	14	100A	100A/80A Type A	12	-	Y	2XC	4
Dual RCD Consumer Units – Populated – 2 X 100A Type A + SPD									
CFUDP100008ASPD	16	8	100A	100A/100A Type A	8	-	Y	2XC	2
CFUDP100011ASPD	19	11	100A	100A/100A Type A	10	-	Y	2XC	4
CFUDP100014ASPD	22	14	100A	100A/100A Type A	12	-	Y	2XC	4
Consumer Unit Size	Quantity of MCB's		B Curve MCBs Included						
8 Way	8		6A x 3, 16A, 32A x 3, 40A						
11 Way	10		6A x 3, 16A x 2, 32A x 4, 40A						
14 Way	12		6A x 3, 10A, 16A x 2, 32A x 4, 40A, 50A						

RCBO Main Switch Consumer Units – Populated + SPD

Allows 30mA RCD protection of individual circuits with the added safety features of short circuit & over current protection incorporated in each device and with the added inclusion of a SPD to be compliant with the 18th Edition Wiring Regulations BS7671.

Product Code	Modules	Ways	Main Switch	RCD	MCB's	RCBO's	SPD Type 2	IP	Cover Blanks
RCBO Type AC + SPD									
CFUSWP612SPD	16	12	100A	-	-	6	Y	2XC	4
CFUSWP812SPD	16	12	100A	-	-	8	Y	2XC	4
CFUSWP112SPD	16	12	100A	-	-	10	Y	2XC	4
RCBO Type A + SPD									
CFUSWP612ASPD	16	12	100A	-	-	6	Y	2XC	4
CFUSWP812ASPD	16	12	100A	-	-	8	Y	2XC	4
CFUSWP112ASPD	16	12	100A	-	-	10	Y	2XC	4
Product Code	Quantity of RCBO's		B Curve Type A RCBOs Included			Product Code	Quantity of RCBO's		B Curve Type AC RCBOs Included
CFUSWP612ASPD	6		6A x 2, 16A, 32A x 3, 40A			CFUSWP612SPD	6		6A x 2, 16A, 32A x 3, 40A
CFUSWP812ASPD	8		6A x 3, 16A, 32A x 3, 40A			CFUSWP812SPD	8		6A x 3, 16A, 32A x 3, 40A
CFUSWP112ASPD	10		6A x 3, 16A x 2, 32A x 4, 40A			CFUSWP112SPD	10		6A x 3, 16A x 2, 32A x 4, 40A

Main Switch – Isolator

- Positive contact status indication
- Device capable of being locked in 'ON' or 'OFF' position using a device lock

Product Code	Description	Rating	Modules	Inner Carton
CUSW100	Double Pole 100A Main Switch	100A	2	5



CUSW100

MCB's

- Positive contact status indication
- Available in B or C Curve
- Device capable of being locked in 'ON' or 'OFF' position using a device lock

Type	Tripping Current	Operating Time
B Curve	3-5 times the full load current	0.04-13sec
C Curve	5-10 times the full load current	0.04-5sec

B Curve	C Curve	Description	Rating	Modules	Inner Carton
CUMB6	CUMC6	Single Pole, 6kA	6A	1	12
CUMB10	CUMC10	Single Pole, 6kA	10A	1	12
CUMB16	CUMC16	Single Pole, 6kA	16A	1	12
CUMB20	CUMC20	Single Pole, 6kA	20A	1	12
CUMB32	CUMC32	Single Pole, 6kA	32A	1	12
CUMB40	CUMC40	Single Pole, 6kA	40A	1	12
CUMB45	-	Single Pole 6kA	45A	1	12
CUMB50	CUMC50	Single Pole, 6kA	50A	1	12
CUMB55	-	Single Pole 6kA	55A	1	12



CUMB55 CUMB32

RCBO's Type AC

B Curve	C Curve	Description	Rating	Modules	Inner Carton
CUCRB6	CUCRC6	Compact RCBO, Type AC, Single Pole 6kA	6A 30mA	1	5
CUCRB10	CUCRC10	Compact RCBO, Type AC, Single Pole 6kA	10A 30mA	1	5
CUCRB16	CUCRC16	Compact RCBO, Type AC, Single Pole 6kA	16A 30mA	1	5
CUCRB20	CUCRC20	Compact RCBO, Type AC, Single Pole 6kA	20A 30mA	1	5
CUCRB32	CUCRC32	Compact RCBO, Type AC, Single Pole 6kA	32A 30mA	1	5
CUCRB40	CUCRC40	Compact RCBO, Type AC, Single Pole 6kA	40A 30mA	1	5
CURB45	-	Tall Body RCBO Type AC, Single Pole, 6kA	45A 30mA	1	5
CURB50	-	Tall Body RCBO Type AC, Single Pole, 6kA	50A 30mA	1	5
CURB55	-	Tall Body RCBO Type AC, Single Pole, 6kA	55A 30mA	1	5



CUCRB32 CURB55

RCBO's Type A

B Curve	C Curve	Description	Rating	Modules	Inner Carton
CUCRB6A	CUCRC6A	Compact RCBO, Type A, Single Pole 6kA	6A 30mA	1	5
CUCRB10A	CUCRC10A	Compact RCBO, Type A, Single Pole 6kA	10A 30mA	1	5
CUCRB16A	CUCRC16A	Compact RCBO, Type A, Single Pole 6kA	16A 30mA	1	5
CUCRB20A	CUCRC20A	Compact RCBO, Type A, Single Pole 6kA	20A 30mA	1	5
CUCRB32A	CUCRC32A	Compact RCBO, Type A, Single Pole 6kA	32A 30mA	1	5
CUCRB40A	CUCRC40A	Compact RCBO, Type A, Single Pole 6kA	40A 30mA	1	5
CURB45A	-	Tall Body RCBO Type A, Single Pole, 6kA	45A 30mA	1	5
CURB50A	-	Tall Body RCBO Type A, Single Pole, 6kA	50A 30mA	1	5
CURB55A	-	Tall Body RCBO Type A, Single Pole, 6kA	55A 30mA	1	5



CUCRB32A CURB55A

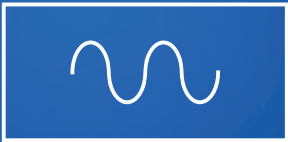
Residual Current Devices

Type AC

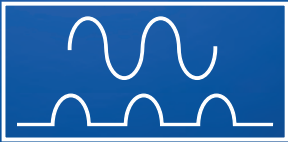
Ensures tripping for residual AC currents.

Type A

Ensures tripping for residual AC currents and pulsating DC currents. For most applications Type AC devices are the most suitable. Where loads produce DC currents such as electric vehicle charging points then Type A RCD will need to be considered. The decision to fit Type A RCD will depend on the potential level of DC current and manufacturers data for the equipment would need to be consulted.



Type AC



Type A

RCD Type AC

- Positive contact status indication
- Device capable of being locked in 'ON' or 'OFF' position using a device lock

Product Code	Description	Rating	Modules	Inner Carton
RCBO Type AC				
CUR4030	Double Pole, Type AC	40A 30mA	2	5
CUR6330	Double Pole, Type AC	63A 30mA	2	5
CUR8030	Double Pole, Type AC	80A 30mA	2	5
CUR80100	Double Pole, Type AC	80A 100mA	2	5
CUR80100TD	Double Pole, Type AC, Time Delayed	80A 100mA	2	5
RCD Type A				
CUR4030A	Double Pole, Type A RCD	40A 30mA	2	5
CUR6330A	Double Pole, Type A RCD	63A 30mA	2	5
CUR8030A	Double Pole, Type A RCD	80A 30mA	2	5
CUR10030A	Double Pole, Type A RCD	100A 30mA	2	5



Control Devices

- Wide range of additional control devices for installation inside the consumer unit
- Contactors are ideal for controlling large lighting loads, heating or ventilation systems
- The bell transformer is for use with mains powered door chimes which do not have integrated transformers
- Step down transformer to 8V-24V
- The timers control circuits to activate or deactivate at certain times the user sets
- The number of channels indicates the number of separate circuits which can be controlled

Product Code	Description	Modules	Inner Carton
CUC20	Contactor 20A double pole	1	5
CUC40	Contactor 40A double pole	2	5
CUB1	Bell Transformer	2	5
CUTS1	Time Delay Switch, 1 – 20 mins	2	5
CUTS5	Timer Analogue 24 Hr	2	5
CUTS10	Timer Digital 1 Channel	2	5
CUTS11	Timer Digital 2 Channels	2	5



CUB1



CUC20



CUTS5



CUTS10



CUTS11

Accessories

Recess Kit

- Enables 16, 19 or 22 module consumer unit to be recessed into wall
- Supplied with adjustable brackets and trim
- Adjustable brackets enable the consumer unit to be recessed between 42mm and 62mm from the outer surface of the wall
- Consumer unit not included with kit
- Suitable for surface mount consumer units



CFA34

Product Code	Description	Inner Carton
CFA32	Recessing kit for 16 module Consumer Unit	1
CFA33	Recessing kit for 19 module Consumer Unit	1
CFA34	Recessing kit for 22 module Consumer Unit	1

Lockable Cover

- Lockable covers are pre-assembled
- Ideal during first installation to ensure power isolation, and protect installer



CFUA22

Product Code	Description	Inner Carton
CFUA19	6 Module lockable cover complete with up opening visor and barrel lock fitted	1
CFUA20	9 Module lockable cover complete with up opening visor and barrel lock fitted	1
CFUA21	12 Module lockable cover complete with up opening visor and barrel lock fitted	1
CFUA22	16 Module lockable cover complete with up opening visor and barrel lock fitted	1
CFUA23	19 Module lockable cover complete with up opening visor and barrel lock fitted	1
CFUA24	22 Module lockable cover complete with up opening visor and barrel lock fitted	1

Accessories



CUA01

CUA02

CUA03

CUA04

CUA05

CUA11

Product Code	Description	Inner Carton
CUA01	Consumer Unit Cover Blanks (pack of 10, 5 x pairs)	10
CUA02	Busbar 21 Way (cut to fit all consumer units)	10
CUA03	Busbar Shield 21 way (cut to fit all consumer units)	10
CUA04	MCB Blank, 1 Module, DIN rail mounted	10
CUA05	Cable Kit includes neutral and live cables, terminal bar, fixing clip and spare labels (may be used to convert mains switch to split load consumer unit)	5
CUA11	Spare label sheets (Pack of 5)	10
CUA15	Replacement cover lock	1
CFA16	Metal cover lock blank for use with the metal lockable covers after the barrel lock is removed	1

*Cable kit enables consumer unit upgrade from main switch to split load or split load to dual RCD, or dual RCD to triple RCD (22 module only)

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



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



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SURGE PROTECTION
TRAINING AND CPD COURSE

www.luceco-academy.com

18th Edition

"The 18th edition wiring regulations (BS7671) sets out requirements for electrical installations in the UK, including requirements for protection of persons, livestock & property."

Key Changes – Transient Overvoltage Protection

Overvoltage Control

Limiting the damage caused by an increase of lightning strikes
Protection against transient overvoltages is now required in specified situations when such overvoltages could result in:

- **Serious injury or loss of human life and/or damage to cultural heritage**
- **A large number of individuals in same location being affected**
- **Interruption of commercial or industrial activity**

SPD have now been introduced as a mandatory requirement into the 18th edition wiring regulations for domestic installations.

To determine if protection against transient overvoltage is required, a risk assessment can be carried out. If the risk assessment is not performed, the electrical installation shall be provided with protection against transient overvoltage. This excludes single dwelling units, where the total value of the installation and equipment therein does not justify such protection.



RCD – Residual Current Device

Additional requirements for circuits with luminaires within domestic (household) premises, additional protection by an RCD with a rated residual operating current not exceeding 30mA shall be provided for AC final circuits supplying luminaires. These changes do not affect us as we currently have items in place which cover these requirements.

Also for unwanted tripping and types of RCD please see clause numbers:

- 531.3.2

- 531.3.3

AFDD – Arc Fault Detection Device

A new Regulation 421.1.7 has been introduced recommending the installation of arc fault detection devices (AFDDs complying to BS EN 62606) to mitigate the risk of fire in AC final circuits of a fixed installation due to the effects of arc fault currents.

These are only recommended and are not to be considered for all areas.



Protection Against Thermal Effects

Electrical installations should minimise the risk of ignition of flammable materials from electric arc or high temperature.

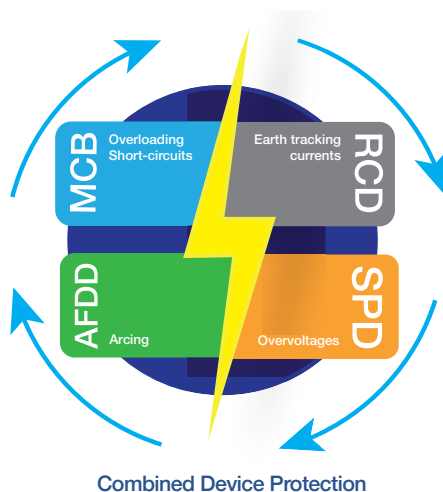
AFDDs recommended install areas cover:

- Premises with sleeping accommodation
- Locations with risk of fire due the nature processed or stored materials

(barns, wood-working shops, stores of combustible materials)

- Fire propagating structures
- Locations with endangering of irreplaceable goods

Most of the areas listed excluding sleeping accommodations and some propitiating buildings will be mostly three phase locations due to the type of machinery or the use of the building. If used should be installed at the origin of the final circuit in AC single phase circuits not exceeding 230v. Area's that have been exempt for the use of this type of device are hospitals.



An AFDD utilises electronic technology to analyse the signature (waveform) of an arc to differentiate between normal arcing and arcing faults between L-L, L-N & L-E. Upon detection of an arcing fault, the AFDD disconnects the final circuit from the supply.

In electrical circuits there are numerous cases of normal arcs appearing that correspond to a typical operation

such as switches, contactors, portable tools and vacuum cleaner motors.

AFDDs are designed and tested to not respond to arcing under normal operation of equipment, but to respond to arc faults while the equipment is in operation.

Surge Protection Devices



Type 2 SPD

Recommended for all low voltage electrical installations.

Installed in each electrical switchboard, it prevents the spread of overvoltages in the electrical installations and protects the loads.

Type 2 SPD is characterized by an 8/20 μ s current wave.

Benefits of Using a Surge Protection Device (SPD)

Reduces the risk of loss of human life, from the effects of electrical voltage surges

- Reduces the risk of damage from atmospheric surges (lighting strikes) to connected electrical equipment
- Reduces the risk of electric shock hazards due to overvoltage (industrial capacitor banks, contactor coils or other industrial switching)
- Reduces the risk of fire, caused by lightning current effects including sparking and flashovers
- Protect sensitive electronic equipment (TV's Computers etc.)
- Protects the internal/external wiring infrastructure of the building
- Prevents unnecessary disruption

What's the worst that can happen?

Examples of damage due to LEMP on unprotected installations.



Basic SPD Operating Diagram

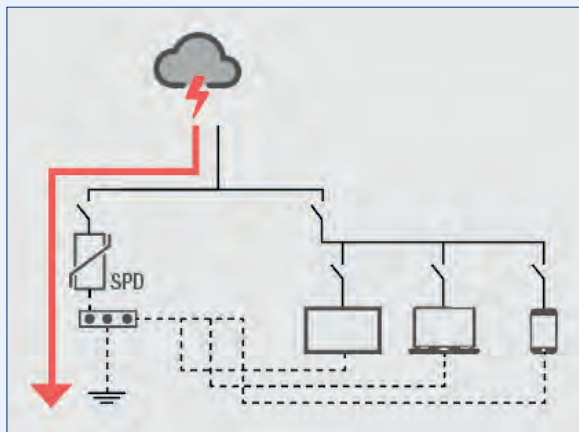
What do you need to know...

Principle of Surge Protection Operation

SPDs are designed to limit transient over voltage's due to lightning or switching and divert the associated surge currents to earth, so as to limit these over voltage's to a level that is unlikely to damage the electrical installation or equipment.

A Surge Protection Device (SPDs)

A component of the electrical installation protection system. This device is connected to the power supply in parallel with the loads (circuits) that it is intended to protect. It can also be used at all levels of the power supply network. This is most commonly used and most practical type of over voltage protection.



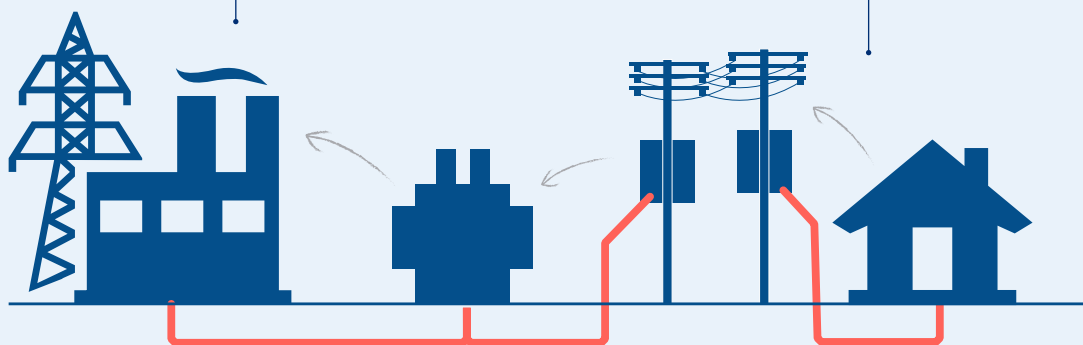
18th Edition Clause Number 443.4 Overvoltage Control

Protection against transient over voltage's shall be provided where the consequence caused by over voltage

- (a) results in serious injury to, or loss of, human life, or;
- (b) results in interruption of public services/or damage to and cultural heritage, or
- (c) results in interruption of commercial or industrial activity, or;
- (d) affects a large number of co-located individuals.

If the risk assessment is not performed, the electrical installation shall be provided with protection against transient over voltage.

Except for single dwelling units where the total value of the installation and equipment therein, does not justify such protection.



So in basic terms an SPD device will need to be fitted if the installation falls under clause 443.4 or if not sure, the risk assessment (clause 443.5) should be undertaken to determine the requirement for the installation.

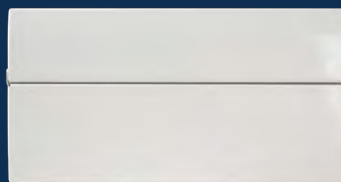
18th Edition

IET Wiring Regulations

18th Edition

Decision Tree

clause number 443.4



Scenario 1

Surge Protection must be provided

Surge protection must be provided where overvoltage could:

- Cause serious injury/loss of life
- Cause interruption of public services
- Cause damage to cultural heritage
- Cause interruption to commercial/ industrial activity
- Affect a large number of co-located individuals

Mandatory to fit protection devices against transient voltages

Scenario 2

All other cases

A risk assessment must be performed to determine if surge protection is needed

If no risk assessment is carried out surge protection must be provided

If a risk assessment is carried out:

A. Risk assessment valuation more than 1000, **no need for surge protection**

B. Risk level evaluation less than 1000, **surge protection must be fitted**

Scenario 3

With the exception of single dwelling (domestic) units

Surge Protection may be required in single dwelling (domestic) units:

- Designer/installer establishes what the customer requires.
- They look at the perceived value of the installation and equipment within the dwelling

Installed value does not warrant surge protection - no need to fit

Installed value warrants surge protection

See Section 534 of BS 7671 to establish the selection of SPD's for protection against transient overvoltages where required by section 443.

Surge Protection Devices

Type 2 – Surge Protected Device

- Type 2 Single Phase Surge Arrester
- Nominal Discharge current L-N 20kA, N-E 20kA
- Max Discharge L-N 40kA N-PE 40k
- Fully compliant to BSEN61643-11 , BSEN62305 & BS7671
- Space saving 1 module design
- Min. back up MCB 16-32A B curve
- Can be fitted on DIN rail directly into the consumer unit
- Grey colour to match existing circuit protection devices
- IP20 protection degree
- Response time < 25ns

Product Code	Description
CUSPDT21	Type 2, 1 Module, TNCS, PME & TT SYSTEMS



Wiring Kit

This wiring kit can be used for the installation of a Surge protection Device into a Consumer unit which has the requirement for Overvoltage protection. Wiring Kit includes Live, Neutral & Earth Wires, Busbar & Shroud 1 x SPD, 1 x 32A MCB.

Product Code	Description
CUA08	Wiring Kit c/w Live, Neutral & Earth Wires, Busbar & Shroud 1 x SPD, 1 x 32A MCB



Metal Enclosure

This stand alone enclosure is to be fitted next to existing consumer units/enclosures, to provide Surge Protection against overvoltages. Supplied with 100A Main Switch 1 x Surge Protection Device (pre-wired) 1 x 32A MCB (SPD Protective device) IP65 (weatherproof).

Product Code	Description
CFSPDE02	Metal Enclosure 5 Way Populated with 1x SPD, 1x 32A MCB 100A Main Switch



Type 3 – Surge Protection Extension Leads

Note: Information on this range can be found on page 172 of the BG electrical catalogue.

Rotary Isolators

Rotary Isolators

- Insulated
- IP65
- Red/Yellow padlock-able handle
- Earth terminals included
- Easy cable access via M20 knock-outs (top and bottom)
- Captive retained cover screws
- Switch interlocked with lid to prevent opening in ON position
- Manufactured and tested BS EN 60947-3

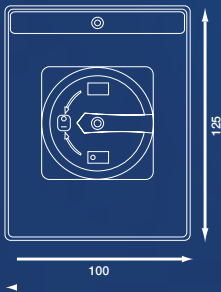
2 Pole	4 Pole	Description	Inner Carton
-	CPRSD416	16A Rotary Isolator IP65	1
CPRSD220	CPRSD420	20A Rotary Isolator IP65	1
-	CPRSD425	25A Rotary Isolator IP65	1
CPRSD232	CPRSD432	32A Rotary Isolator IP65	1
CPRSD240	CPRSD440	40A Rotary Isolator IP65	1
CPRSD263	CPRSD463	63A Rotary Isolator IP65	1
-	CPRSD4100	100A Rotary Isolator IP65	1



CPRSD463

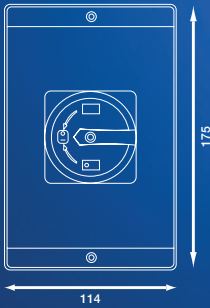


16A/20A/25A



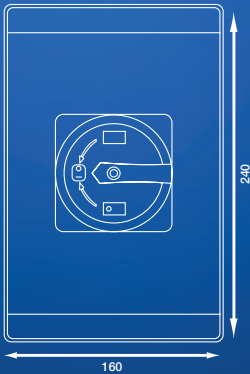
D: 85

32A/40A/63A



D: 100

100A



D: 120



LIGHT & POWER

LED Worklight Extension Reel

Light up your workspace with our PRO-XT LED Extension Reel; providing both light and power for heavy duty applications with a 5W 500lm LED light. The 4 power sockets with switch give you power control where you are working. The LED reel is fitted with 5m of cable with a handy store.

You will never have insufficient light or power again.



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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 the UK. It continues to innovate and regenerate its product offer to provide the most efficient and comprehensive range of lighting solutions.



www.luceco.co.uk

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.



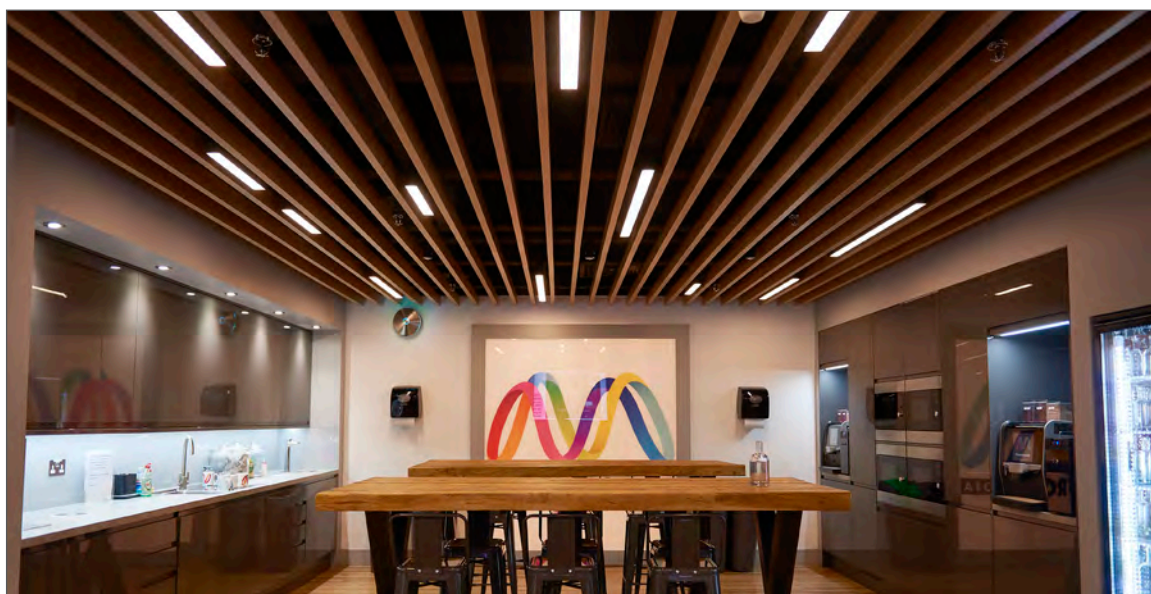
DURABILITY

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.



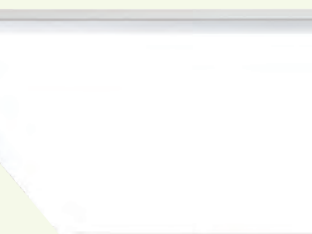
LED Panels

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:

- Luxpanel Backlit Extra
- Eco Extra Luxpanel
- Epsilon
- Eco Luxpanel



Surface / Suspended

Comfort without compromise 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
- Callisto



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 environments.

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 family
- Element
- F-Eco
- GU10 Downlights



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FTYPE[™]
COMPACT



Welcome to the family

An upgrade to our market-leading FTYPE range of LED downlights:

- More compact 47mm height, for shallow ceiling voids
- New Regressed, Dim2Warm and Colour Changing versions
 - Easy installation features that save you time
 - Latest Samsung chips, with up to 100Lm/W output

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SPEEDFIT INSTALLATION

CLIMATE NON-CORROSIVE

- Quick fit installation with plug and play connected driver – no need to remove gear tray
- Polycarbonate constructed body and diffuser and low glare opal appearance and supplied with stainless steel clips
- High power LED chips providing increased efficacy up to 121lm/cW
- Designed for surface mount applications in industrial environments

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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



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
- Eris 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 Batten
- Climate Extra
- Climate
- Storm Linear



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



CASTRA Floodlights

Utilising the latest high efficiency LED technology, Luceco Castra 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



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:

- Stainless Steel Wall Lights
- Coach Lanterns
- Flame Effect Torches & Speaker
- Extensive range of decorative wall lights

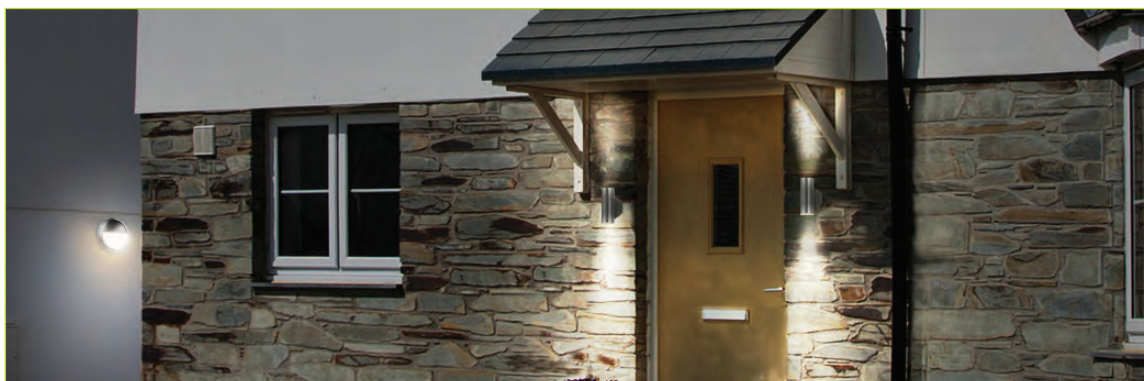


Inspection, Work Lights & Site 110V Lighting

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 Clamp Work Light
- USB charge Compact Magnetic Work Light
- USB Rechargeable Tilting Torch
- Eco Slimline Tripod Work Lights
- Complete 110V Lighting range





LUCECO

**SITE
110V**

LIGHT IT UP

Luceco's Site Lighting range offers contractors and tradespeople a comprehensive collection of high performance efficient lighting products and accessories.

Designed and produced for the construction and manufacturing industry, the range utilises the latest LED technology for ultimate reliability. Built for the professional, Luceco has focused on delivering a tough, robust product offering. The materials used have been selected to meet the rugged nature of a typical construction site, with the main aim of keeping your working environment well lit.

The Luceco site lighting range includes lighting transformers, cable reels and extension leads.

For more information on the range, please visit www.luceco.com

LED

For more information contact Sales on:

Tel: 01952 238 100 Email: sales@bgelectrical.co.uk Web: www.bgelectrical.co.uk
BG Electrical Ltd, Stafford Park 1, Telford, Shropshire TF3 3BD.

LUCECO
LUCECO plc group of companies

**BRITISH
BG
GENERAL**

ROSS

MASTERS

**Kingfisher
Lighting**

The Future of Lighting Control

Features

The system consists only of luminaires, each with a controller and sensor. There are no remote sensors

Unlimited Grouping, as defined on an interactive drawing via the tablet

One Daylight sensor controls Daylight Groups

Occupied / Unoccupied mode

Online or Offline Status Monitoring

Interface with Other Services

Automatic Recommissioning

Open System

Benefits

- Zero on-cost for the installation of controls
- A sensor in every luminaire ensures full presence coverage, allowing short sensor time-outs before dimming to a standby level, giving optimum energy savings
- Any component failure only affects the individual luminaire, not the whole zone
- Logical groups can be defined so that lighting switches and dims in logical groups. Luminaires can be in more than one group. Daylight zones are defined independently of Presence groups;
- Semi-automated linking allows lighting to operate in sequential over-lapping groups. This effectively extends the sensor range to an unlimited distance, either in a linear format along walkways and corridors or in square overlapping groups in open plan areas.
- Having one daylight sensor in a zone rather than one per luminaire ensures that lights dim in logical groups rather than randomly. They can be grouped into zones so that rows, zones or individual luminaires have different reaction to daylight based on their surroundings
- When the building is occupied the lighting can be set for maximum comfort: Lights might dim but not switch off. Light levels may be higher. PIR timeouts may be longer.
- When the building is unoccupied the lighting will still operate in security mode. Lighting might come on at a lower level and switch off after a short time-out.
- There is no need for any time switch. Occupation of the building is detected automatically.
- Each fitting reports its energy usage, emergency lighting status and (optionally) lamp and gear status. This can be viewed on the tablet and, if required, automatically uploaded to the cloud to be monitored via the web portal.
- The lighting sensors can be used to control other devices; Drinks machines, water heaters, heating and air extraction systems can be switched off when the building is unoccupied. BMS triggers such as Fire Alarm conditions can override lighting to 100%
- Any component, including sensors, DALI drivers and wireless nodes can be replaced without recommissioning. The new device will inherit the settings of the device replaced.
- The system is compatible with all types and manufacturers of sensors, drivers, lamps and emergency lighting systems. In one room there might be 9 LED luminaires with Tridonic DSI Drivers, 3 Low Voltage spotlights with Osram DALI transformers, a Highbay with a 1-10V driver a free standing table lamp with GLS lamp and a Heater.
- These could use any combination of PIRs, mains sensors, Microwave detectors and wall switches from any manufacturer such as CP, Exor, Hytronik etc...The self-test emergency lighting could be from Tridonic, Mackwell, LitePlan etc...
- The user will see all of these on the same drawing and be able to configure, link and monitor them without needing to know that they are different.



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.



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.

theLIA

Our skilled team of lighting designers are fully qualified through the Lighting Industrial Association.

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



www.luceco.com

DESIGNED TO HELP YOU

Calculate how many luminaires you need to light your space ...

ENTER APPLICATION



ENTER DIMENSIONS



HIT CALCULATE



GET RESULTS



LIGHTING OPTIONS





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 75 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.

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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.

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.

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.

Compliance Testing

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.



New from Masterplug

ELECTRIC VEHICLE CHARGING

DOMESTIC ELECTRIC VEHICLE CHARGING SOLUTION

MODE 2 CHARGER

EVH132S1SP

- 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
- Suitable for use as an outdoor power socket



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 50 kW.

Plug Types

Type 1

Mainly Japanese and US vehicles

5 Pins with a latching connector



Type 2

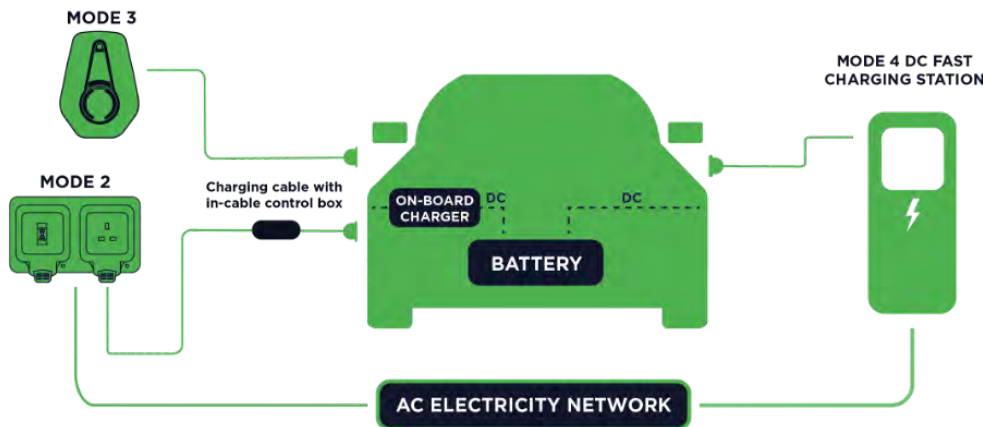
Mainly European Vehicles

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 2 – Domestic EV Charger

- 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
- Compatible with all mode 2 EV charging cables
- Meets housebuilder EV specification
- Suitable for use as a regular outdoor power socket
- EVH132S1SP offers space for a Surge Protection Device as required in the 18th edition



Cat No	Description	Carton Qty
EVH132S1SP	13A socket with 16A B-Type RCBO	2
EVH132S1SPA	13A socket with 16A DP A-Type RCBO	2



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
- IP54 rated
- Charges upto 16A, 3.7kW (14 miles range per charging hour)
- Angled 2 pin EV connector
- Inline power controller with built-in protection and LED charging status Indicator



Cat No	Description	Carton Qty
EVCP1135SL	3 pin plug to type 1 – 5 metre	3
EVCP2135SL	3 pin plug to type 2 – 5 metre	3
EVCP11310SL	3 pin plug to type 1 – 10 metre	3
EVCP21310SL	3 pin plug to type 2 – 10 metre	3



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
- IP54 rated
- Charges up to 32A
- Single phase cables rated to 7kW, ideal for home charging use
- Three phase cables are ideal for public chargers offering twice as fast charging, up to 22kW



Cat No	Description	Carton Qty
EVC21325SL	Type 1 to type 2, single phase – 5 metre	3
EVC22325SL	Type 2 to type 2, single phase – 5 metre	3
EVC22325TL	Type 2 to type 2, three phase – 5 metre	3



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 POWER



Giving you 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



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



BTN10N-MP
with an indicator

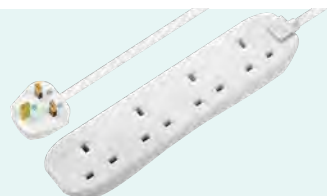


Four Socket Extension Lead

- 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



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 rewirable 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	300



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/NK-MS	13A	2	20
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



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 seven 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

Satellite Reel

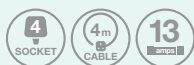
- Four sockets – allows you to connect four items safely into one outlet
- Socket safety shutters – prevents the insertion of foreign objects
- Four metres of cable – to extend the reach of the socket
- Safety thermal cut-out – prevents overheating if reel is overloaded when not fully unreeled
- Premium white finish – ideal for domestic and office use
- Sleek modern design – with integrated cable tidy
- Trusted quality – manufactured and certified to BS EN 61242
- 13A rated – maximum load 3120W, 240V AC



Cat No	Cable Length	Rating	Sockets	Colour	Pack Qty
SATT0413/4W-MS	4m	13A	4	White	4

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 POWER



Control the power to each individual socket with our switched range



EXTENSION LEADS



TRAILING SOCKETS



ADAPTORS

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



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

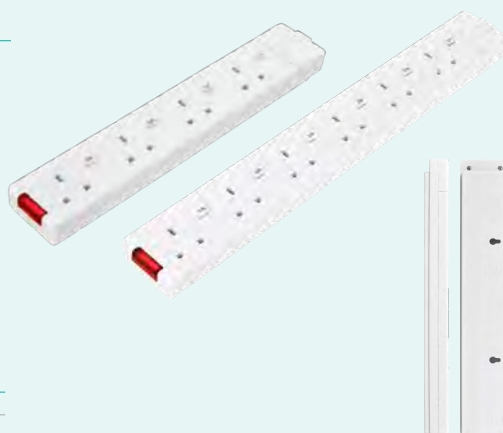
- Three sockets – allows you to connect three items safely into one outlet
- Socket safety shutters – prevents the insertion of foreign objects
- Individually switched – control the power to each socket
- Individual power indicators – shows which device is connected to the mains
- Vertically orientated 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



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



Cat No	Rating	Sockets	Colour	Carton Qty
SWG4-MP	13A	4	White	10
SWG6-MP	13A	6	White	10

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



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



Cat No	Rating	Sockets	Pack Qty
MSWG3-MP	13A	3	5





SURGE POWER



Protects 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

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

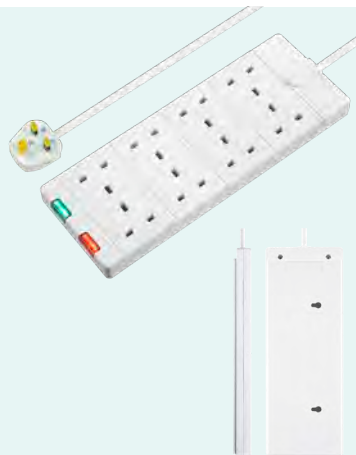


Eight Socket Surge Extension Lead

- 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
SRG8210-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



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



Power and charge your portable USB devices,
without losing socket space



CABLE REELS



ADAPTOR



SURGE USB



TOWER



HIGH GLOSS

Satellite Reel with USB

- Two sockets – allows you to connect two items safely into one outlet
- Socket safety shutters – prevents the insertion of foreign objects
- Four metres of cable – to extend the reach of the socket
- Two USB ports – (2.1A shared) to power and charge your devices
- Safety thermal cut-out – prevents overheating if reel is overloaded when not fully unreeled
- Premium white finish – ideal for domestic and office use
- Sleek modern design – with integrated cable tidy
- Trusted quality – manufactured and certified to BS EN 61242
- 13A Rated – maximum load 3120W, 240V AC



Cat No	Cable Length	USB Output	Rating	Sockets	Colour	Carton Qty
SATU04132USLW-MP	4m	2.1A	13A	2	White	5

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 – (2.1A 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
BFNU110N-MP	1m	2.1A	13A	4	White	10
BSNU110N-MP	1m	2.1A	13A	6	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 – (2.1A 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
SRGU4210N-MP	2m	2.1A	13A	4	White	10
SRGU44N-MP	4m	2.1A	13A	4	White	10
SRGU6210N-MP	2m	2.1A	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 – (2.1A 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
B3U210-MP	2m	2.1A	13A	3	White	10

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 – (2.1A 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
A3USB-MP	2.1A	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
USBPLGB2-MP	2.1A	Black	10



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



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

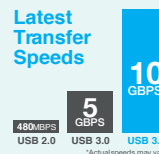


Cat No	USB Output	Rating	Sockets	Colour	Carton Qty
SRGAUSBP3-MP	3.1A	13A	1	Black	6
SRGAUSBPW3-MP	3.1A	13A	1	White	6

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 reversible 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



Cat No	USB Output	Rating	Sockets	Colour	Carton Qty
USBC510G1-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 reversible 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

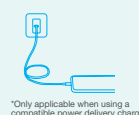


Supports Fast Charge
Power Delivery

30 Minutes
iPhone X

50%
18W Fast Charger*

20%
Regular 5W charger



Cat No	USB Output	Rating	Sockets	Colour	Carton Qty
USBC135G1-MP	3.1A	2A	1	White	20



OUTDOOR POWER



Designed with outdoor activities in mind, this range provides safe power solutions for garden and light DIY use



**EXTENSION LEADS
& ACCESSORIES**



WEATHERPROOF



RCD PROTECTION

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



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



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



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



Cat No.	Cable Length	Rating	IP Rating	Colour	Sockets	Carton Qty
WBXBF10B-MP	10m	13A	54	4	Black	2



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
BOG100-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 (1.25mm²) or 20m of 10 amp (1.00mm²) 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
SPT0-MP	Orange	10



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	Carton 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	Carton Qty
PRCDKB-MP	Non-latching RCD Safety Plug	Black	10

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	Carton Qty
ILRCDNG-MP	Non-latching Inline RCD	Black	10





WORK POWER



A range of heavy duty leads, reels and accessories,
ideal for DIY and light industrial use



HEAVY DUTY PLUGS



TRAILING SOCKETS



INLINE CONNECTORS



HEAVY DUTY LEADS



CASSETTE REELS



CASE REELS



CABLE REELS

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



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

13
Amps



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
- 15A rated – suitable up to 3600W

15
Amps



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

10
Amps



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
NC103PB	Plug	3	10A	Black	-	250
NC103SB	Socket	3	10A	Black	-	250
NC103SW	Socket	3	10A	White	-	250
NC103B	Connector	3	10A	Black	10	100
NC103W	Connector	3	10A	White	10	100

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



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

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



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 POWER



A range of home power solutions to complement day-to-day activities



ACCESSORIES



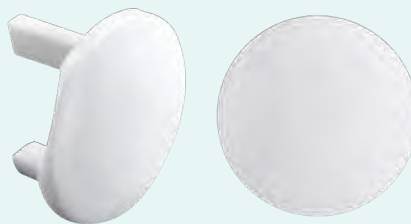
DOOR CHIMES



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

Motion Detector LED 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
- Selectable PIR sensor – night light turns on when movement is detected, dusk-till-dawn or permanently on
- Trusted quality – manufactured to BS1363 and BS EN 60598
- Pack of 2



Cat No.	Description	Pack	Pack Qty
NLPIR/2-MP	Motion Detector Night Light	2	10

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



Stand/In Car Wireless Charger

- Wireless technology – charge your Qi-enabled mobile device without the hassle of wires
- Wire-free charging – charger supports standing or in-car positions with 360° rotation
- USB cable supplied – 10cm USB A to Micro USB



Cat No.	Description	Technology	Pack Qty
USBWC10WCRB-MP	Wireless Charger	Wireless Technology Qi	10

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 POWER



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	10
TAEUR-MP	UK to Europe	1	10



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	10



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	Carton Qty
TAVUK-MP	Visitor to UK	10



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	10



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	10





TIMER POWER



Time control for your appliances. Easy operation, with daily and weekly programs



MECHANICAL



ELECTRONIC



IMMERSION HEATER

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

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

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

Cat No.	Description	Pack Qty
TMHMEC-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

Cat No.	Description	Pack Qty
TMHDIG-MP	Digital Weekly Immersion Heater Timer	5





POWER AT WORK



ERGONOMIC HANDLE GRIP

A two-tone superior handle grip, for comfort and longevity.

PULL-OUT, DRUM WIND 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

Cable guide reduces tangle and speeds up winding in.



The PRO XT range has been designed with the following features:



THERMAL CUT-OUT
Prevents cable overheating when fully reeled, and allows you to reset if cut-out occurs.



HIGH VISIBILITY CABLE
High visibility ensures against stripping hazard and cable cut through.



LED POWER INDICATOR
LED indicator shows that power is live.



ROBUST BUILD
Designed and engineered for LED durability and longevity.



FIVE YEAR GUARANTEE
Masterplug offers a five year guarantee on its Pro-XT cable reels.

The professional's choice for Portable Power



**EXTENSION REEL
WORK LIGHT**



**CASSETTE &
CASE REEL**



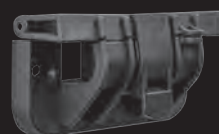
OPEN REEL



REVERSE REEL



ANTI-TWIST



ACCESSORIES

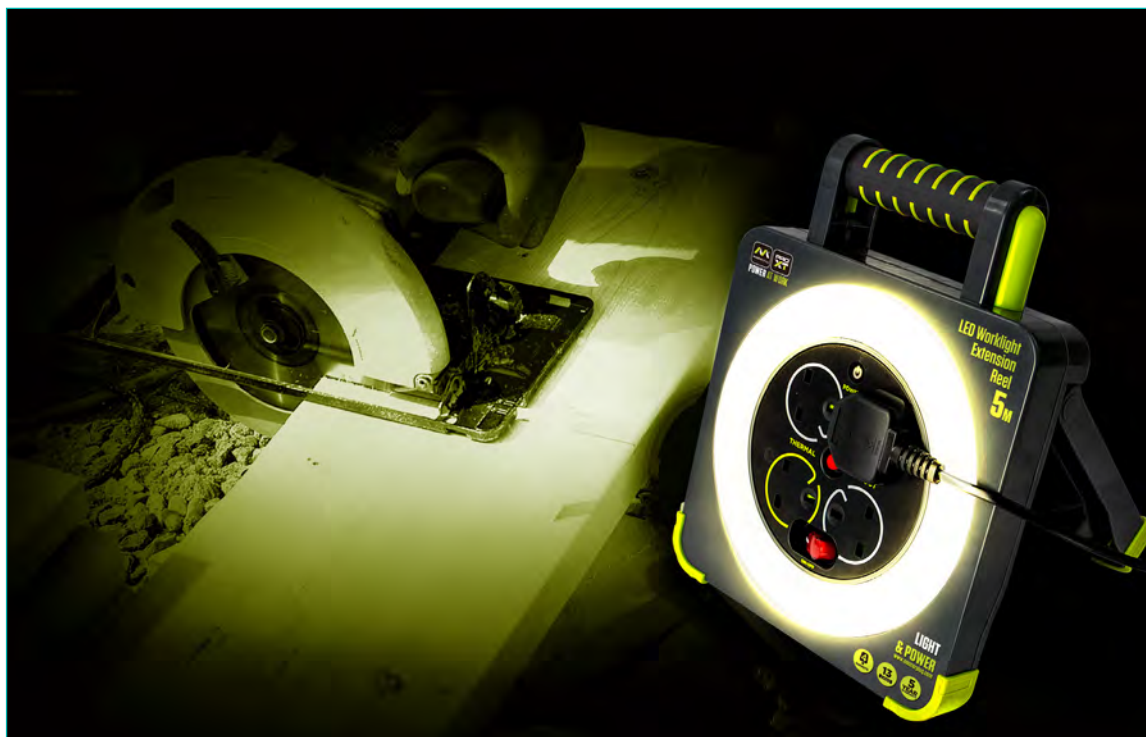
Extension Reel Work Light

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



Cat No.	Cable Length	Lumens	Sockets	Carton Qty
WLU05134SL-PX	5m	500lm	4	5



Cassette Reel

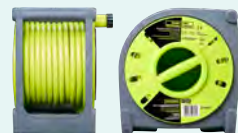
- Four Sockets – allows you to connect four items safely into one outlet
- Socket Safety Shutters – prevents the insertion of foreign objects
- Ten Metres of Cable – to extend the reach of the socket
- Ergonomic Handle and Rear Grip – for comfort and ease of use
- Pull-Out Drum Handle – quickly wind in the cable at the end of each use
- Localised Power Switch – control the power where you are working



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



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



Cat No.	Description	Rating	Cable Length	Socket	Carton Qty
OMU25134SL-PX	Medium Open Reel	13A	25m	4	2
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



Cat No.	Description	Rating	Cable Length	USB Output	Socket	Carton Qty
OMU25132USL-PX	Medium Open Reel with USB	13A	25m	2.1A	2	2

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



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



Cat No.	Description	Rating	Cable Length	Socket	Carton Qty
OMU2513FL3IP-PX	Reverse Medium Open Reel	13A	25+3m	1	1

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



Cat No.	Description	Rating	Cable Length	Socket	Carton Qty
OATRU3013FL3IP-PX	Reverse Anti-Twist Reel	13A	30+3m	1	1

Anti-Twist Fixed Socket

- Four Sockets – allows you to connect four items safely into one outlet
- Socket Safety Shutters – prevents the insertion of foreign objects
- 30 Metres of Cable – to extend the reach of the socket
- 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
- 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



Cat No.	Description	Rating	Cable Length	Socket	Carton Qty
OATFU30134SL-PX	Fixed Socket Anti-Twist Reel	13A	30m	4	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

SITE 110V

A comprehensive collection of high performance efficient products



CABLE REELS



INLINE EXTENSION LEADS



TRANSFORMERS



PLASTERERS LIGHTS



TRIPOD LIGHTS



PORTABLE LIGHTS



SITE 110V

The professional's choice for Portable Power

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





SITE 110V

The professional's choice for Portable Power

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	15m	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



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



PRE-WIRED WITH PLUG



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

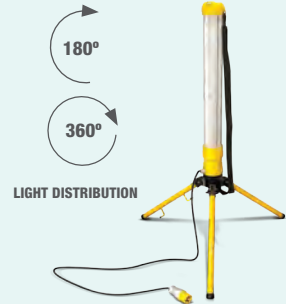
The professional's choice for Portable Power

Open Area Work Light

- 3000mm H07RN-F 1.0mm² 3 core rubber cable
- 110V 16A plug to EN 60309
- ABS+PC+Aluminium

LUCECO

Cat No.	Lumens	Wattage	Input Wattage	Carton Qty
LSLOW361V-01	3600	40W	110V	4
LSLOW362V-01	3600	40W	220-240V	4



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

Cat No.	Lumens	Wattage	Carton Qty
LSLPW181V-01	1800	22W	8

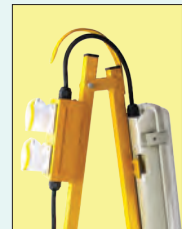


Plasterers Work Light

- 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

LUCECO

Cat No.	Lumens	Wattage	Carton Qty
LSLPL261V-01	2600	30W	2



OUTLET SOCKET

22 Metre LED Festoon Light

- 22 metre festoon cable with lamp holders every 2 metres
- 110V 16A plug to EN 60309
- Complete with E27 LED lamps and protective guards
- 110V input voltage

LUCECO

Cat No.	Lumens	Wattage	Cable Length
LSLFS22ES1V-01	10x850	10x9W	22m



Everything your garden needs.



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BG Electrical Ltd, Stafford Park 1, Telford, Shropshire TF3 3BD.

LUCECO
Luceco plc group of companies





ROSS

TV Mounts, Stands & Accessories

Ross is a leading manufacturer of premium TV wall mounts and AV accessories. We service all product areas from entry level through to premium with a full range of products to suit every requirement and usage case scenario.

All models are produced in-house at our industry leading manufacturing facility and are sold worldwide through a growing network of trade and retail partners.

www.ross.co.uk

TV Mount Ranges

The Ross range of TV Mounts and Stands offers articulation and adjustment options in a range of sizes, to suit each mounting situation; flat to wall, tilt and turn or the ultimate flexibility of full motion. The Ross TV stands range helps deliver great audio visual performance to heighten the TV home cinema experience.

Neo

Neo is an innovative range of TV mounts offering userpleasing features that add value and raise the product above the ordinary. Features include integrated spirit levels, quick-release adjustment features and unique 'Neo' soft pad TV protectors.

NEO

Essentials

The Essentials Series is a range of simple, no-fuss TV mounts that offer fully-featured, easy to use functionality at price points that represent excellent value for money. include integrated spirit levels, quick-release adjustment features and unique 'Neo' soft pad TV protectors.

essentials

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 flat screen 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



Accessories

The Ross Home Entertainment Accessories range offers a comprehensive selection of cables and accessories to meet your every need and suit any budget.

HDMI		USB		F/Sat	
SCART		COAX		Care	
Audio		Distribution		Computer	

Understanding VESA Mount Standards

VESA (Video Electronics Standards Association) is a professional organisation made up of a group of video electronics professionals and companies that review new technology proposals and develop sets of standards to promote uniformity in the consumer electronics industry.

VESA has developed a set of standards for the manufacturing of flat screen televisions and monitors. Most manufacturers comply with this standard by adhering to an industry wide hole pattern on the back of the TV or monitor for mounting purposes. The VESA hole pattern for flat panel displays can be one of the following sizes:

75 X 75mm	400 X 200mm
100 X 100mm	400 X 400mm
200 X 100mm	600 X 400mm
200 X 100mm	800 X 400mm

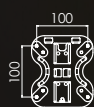
All Ross brackets conform to one if not multiple versions of the VESA standards listed above. Simply take a look in your TV's instruction manual, web support page or even have a look at the spacing of the holes on the back of the TV itself to select the correct size for you.



VESA Size & Colour Coding System

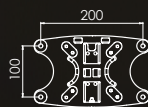
VESA is an industry standard mounting system for flat-screen televisions. Ross TV wall mounts are available in a range of VESA sizes to suit almost any mounting situation. Each mount's VESA compatibility is shown on the product packaging with simple universal icons and range compatibility tables, as well as colour-coded pack artwork.

Small



100

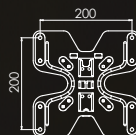
13-23"
33-58cm



120

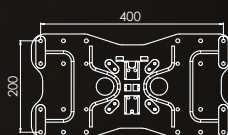
13-32"
33-81cm

Medium



200

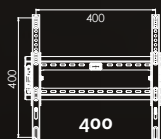
23-50"
58-127cm



240

23-55"
58-140cm

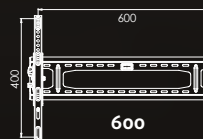
Large



400

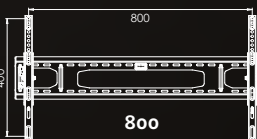
32-70"
81-178cm

Extra Large



600

50-85"
127-216cm



800

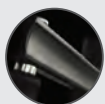
75-110"
190-279cm

Neo TV Mounts

Neo is an innovative range of TV mounts offering user-pleasing features that add value and raise the product above the ordinary. Features include integrated spirit levels, quick-release adjustment features and unique 'Neo' soft pad TV protectors.



Spirit level for accurate installation



Shaped arm for superior strength



Quick release handle for easy adjustment



Cushioned pads for TV protection & improved audio performance



Essentials TV Mounts

Neo is an innovative range of TV mounts offering user-pleasing features that add value and raise the product above the ordinary. Features include integrated spirit levels, quick-release adjustment features and unique 'Neo' soft pad TV protectors.



Spirit level for accurate installation



Easy friction adjustment for tilt/turn action



Pull cords for easy release of TV



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



SCART Cables

- Connect your audio visual equipment such as DVD players and digital boxes to TV displays
- Supports composite, S-video and RGB picture quality, stereo audio sound and automatic signal switching
- Nickel plated connectors
- Superior flexible outer jacket avoids cable twisting and fracturing



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 Cables, Chargers & Power Packs

USB Cables

- Mini – compatible with any device with a mini USB port eg. digital camera
- Micro – compatible with any device with a micro USB port eg. smart phones
- 5 in 1 – contains the most popular USB connection types ensuring all USB devices
- All Ross USB cables support data transfer rates up to 480Mbps/s

USB Car Chargers

- Allows you to charge portable devices whilst in the car
- Compatible with Apple, Blackberry, Nokia, HTC and any other device powered by USB
- Compact design
- Plug into car cigarette lighter jack to become a USB port

Power Packs

- Instant portable power, simply connect your portable device via the USB socket and press the button for instant charging
- Advanced intelligent protection chip – overcharge, discharge, short circuit and leakage protection
- LED power indicator to show charge status
- Supplied with charge



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 coupler to allow you to extend or convert the cable from Male to Female



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
- Signal booster - one input and four outputs allows signal to be distributed to up to four devices
- Flat – Ultra flat design, offers superior performance with a stylish, discreet appearance



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



Care

- LCD Cleaner – Features an advanced formula that cleans without streaking, staining or dripping
- From tablets and laptops to TV monitors, you can expect a perfect clean every time due to the alcohol-free formula
- Quick and easy to use and includes a reusable microfibre cloth
- CD/DVD Cleaner – Improves playback and prevents distortion and skipping



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405	107	822CON	11	883P	16	926DP	11
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458	108	822U3	24	892	20	932	15
460	106	822U33	24	893	20	933	15
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		826	11	8BTM/2	19	951	13
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603	106	828	17	8BTMI/2	19	953	13
603W	106	829	17	8BTS/1	19	954	14
604	106	829S	17	8BTS/2	19	960	18
604W	106	830	15	8BTSI/1	19	961	18
606	106	831	15	8BTSI/2	19	962	18
606W	106	83112	15	8CGS	20	963	18
661	116	832	15	8EM8	18	964	18
6612	116	832WH	15	8EMR4	18	965	18
661BRG	117	833	15	8EMS1	18	966	18
661CH	117	833WH	15	8EMS2	18	970	14
661ST	117	834	15	8KYCSW	17	971	14
666	116	836	20	8RJ11/1	19	972	14
666DC	116	837	20	8RJ11/2	19	973	14
666ES14	117	838	20	8RJ45/1	19	974	14
666ES27	117	842	10	8RJ45/2	19	975	14
669	116	843	10	8SC10/10	20	977	20
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7369	117	852	13	905	20	983P	16
747	116	853	13	906	20	984	16
748	116	854	13	907	108	984P	16
752	116	855	13	908	108	987	17
753	116	855RCD	12	909	20	994	17
763	116	856	13	910	20	995	17
767	116	857	13	911	10	997	17
		858	14	912	10	999	17
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801	117	861	18	914	10	9BTM/2	19
801PC	117	862	18	915	10	9BTMI/1	19
802	117	863	18	916	108	9BTMI/2	19
802CH	117	864	18	917	108	9BTS/1	19
802ST	117	865	18	918	108	9BTS/2	19
803	117	866	18	919	108	9BTSI/1	19
804	117	867	18	920	108	9RJ11/1	19
811	10	868	18	921	11	9RJ11/2	19
812	10	869	18	921DP	11	9RJ45/1	19
813	10	870	14	921U2	24	9RJ45/2	19
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815	10	872	14	922/HC	27	A-	
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BDCPL100	195	CFFDP18610A	130	CFUD8616	127	CFUSHOW1	125
BDCPL30	195	CFFDP18614ASPD	131	CFUD8616A	127	CFUSW04	126
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BDCPO30	195	CFFDP18616	130	CFUDP1000010A	128	CFUSW07	126
BDCPT100	195	CFFDP18616A	130	CFUDP1000011ASPD	133	CFUSW08SPD	132
BEN210-MP	164	CFFRSW100012ASPD	131	CFUDP1000013A	128	CFUSW10	126
BFG110N-MP	163	CFFRSW100014A	129	CFUDP1000014ASPD	133	CFUSW12SPD	132
BFG210N-MP	163	CFFRSW100018ASPD	131	CFUDP1000016A	128	CFUSW14	126
BFG210NB-MP	163	CFFRSW100020A	129	CFUDP100006A	128	CFUSW15SPD	132
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BFG5N-MP	163	CFFRSW812SPD	131	CFUDP100808ASPD	133	CFUSW18SPD	132
BFG5NB-MP	163	CFFRSW814	129	CFUDP100810A	128	CFUSW20	126
BFNU110N-MP	175	CFFRSW814A	129	CFUDP100811ASPD	133	CFUSWP110	129
BOG10-MP	163	CFFRSW818ASPD	131	CFUDP100813A	128	CFUSWP112A	129
BOG100-MP	182	CFFRSW818SPD	131	CFUDP100814ASPD	133	CFUSWP112ASPD	133
BOG5-MP	163	CFFRSW820	129	CFUDP100816A	128	CFUSWP112SPD	133
BSG110N-MP	164	CFFRSW820A	129	CFUDP16606	128	CFUSWP404	129
BSG210N-MP	164	CFFSW12SPD	131	CFUDP16606A	128	CFUSWP610	129
BSG210NB-MP	164	CFFSW14	129	CFUDP16608ASPD	133	CFUSWP612A	129
BSG3N-MP	164	CFFSW18SPD	131	CFUDP16608SPD	133	CFUSWP612ASPD	133
BSNU110N-MP	175	CFFSW20	129	CFUDP16610	128	CFUSWP612SPD	133
BTG5N-MP	163	CFGAR1	125	CFUDP16610A	128	CFUSWP810	129
BTN10N-MP*	163	CFGAR2	125	CFUDP16611ASPD	133	CFUSWP812A	129
		CFSHOW1	125	CFUDP16611SPD	133	CFUSWP812ASPD	133
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CCBELL/50	110	CFUA19	136	CFUDP16613A	128	CMP8132	20
CCF1.5/50	110	CFUA20	136	CFUDP16614ASPD	133	CMP8232	20
CCF1/50	110	CFUA21	136	CFUDP16614SPD	133	CMP9132	20
CCF10/50	110	CFUA22	136	CFUDP16616	128	CMP9232	20
CCF2.5/50	110	CFUA23	136	CFUDP16616A	128	CMU10134SL-PX	204
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CCF6/50	110	CFUD1000006A	127	CFUDP18606A	128	CPRGBF20	137
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CCR5/50	110	CFUD1000010A	127	CFUDP18608SPD	133	CPRGBF20S	137
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CCR7/50	110	CFUD1000013A	127	CFUDP18610A	128	CPRGBF25	137
CCR7B/50	110	CFUD1000014ASPD	132	CFUDP18611ASPD	133	CPRGBF252	112
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CCR8/50	110	CFUD100806A	127	CFUDP18613	128	CPRGBF32	112
CFA16	136	CFUD100808ASPD	132	CFUDP18613A	128	CPRGBF32	137
CFA32	136	CFUD100810A	127	CFUDP18614ASPD	133	CPRGBT32	112
CFA33	136	CFUD100811ASPD	132	CFUDP18614SPD	133	CPRGBT32	137
CFA34	136	CFUD100813A	127	CFUDP18616	128	CPRGBT40	112
CFE5W	125	CFUD100814ASPD	132	CFUDP18616A	128	CPRGBT40	137
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CFFD1000010A	130	CFUD6606	127	CFUDP18811ASPD	133	CPRGBT40A	137
CFFD1000014ASPD	131	CFUD6606A	127	CFUE4M	125	CPRGMGR	112
CFFD1000016A	130	CFUD6608ASPD	132	CFUGAR1	125	CPRGMGR	137
CFFD100808ASPD	131	CFUD6608SPD	132	CFUGAR2	125	CPRGPF20	112
CFFD100810A	130	CFUD6610	127	CFURSW804	126	CPRGPF20	137
CFFD100814ASPD	131	CFUD6610A	127	CFURSW804A	126	CPRGPF20S	112
CFFD100816A	130	CFUD6611ASPD	132	CFURSW805ASPD	132	CPRGPF20S	137
CFFD8608ASPD	131	CFUD6611SPD	132	CFURSW805SPD	132	CPRGPF25	112
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CFFDP1000014ASPD	131	CFUD8608SPD	132	CFURSW814A	126	CPRGPT40A	112
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CT200X4.8R/100	111	CURB45A	134	EMFUSEW	51	EMTVMG	48
CT300X4.8N/100	111	CURB50	134	EMHDMIB	52	EMTVMW	48
CT300X4.8R/100	111	CURB50A	134	EMHDMIG	52	EMTVSATB	48
CT370X4.8B/100	111	CURB55	134	EMHDMIW	52	EMTVSATG	48
CT370X4.8N/100	111	CURB55A	134	EMHTLINDB	50	EMTVSATW	48
CT370X7.6B/100	111	CUSPDE02	125	EMHTLINDG	50	EMUKSB	49
CT450X8B/100	111	CUSPDT21	143	EMHTLINDW	50	EMUKSG	49
CTLMW/100	111	CUSW100	134	EMKYCSB	50	EMUKSW	49
CTSMW/100	111	CUTS1	135	EMKYCSG	50	EMUNVB	49
CUA01	136	CUTS10	135	EMKYCSW	50	EMUNVG	49
CUA02	136	CUTS11	135	EMKYSWSB	50	EMUNVW	49
CUA03	136	CUTS5	135	EMKYSWSG	50	EMUSB3B	50
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CUCRB10A	134	EITB20/1	111	EMNSTVW	49	EVCP2135SL	160
CUCRB16	134	EITW20/1	111	EMRCA2B	52	EVH132S1SP	160
CUCRB16A	134	EITR20/1	111	EMRCA2G	52	EVH132S1SPA	160
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CUCRB32	134	EITBR20/1	111	EMRJ11G	49	EXS1315B-01	186
CUCRB32A	134	ELS132B-01	188	EMRJ11W	49	EXS1315O-01	186
CUCRB40	134	ELS132O-01	188	EMRJ45C5EB	49	EXS1324B-01	186
CUCRB40A	134	ELS132W-01	188	EMRJ45C5EG	49	EXS1324W-01	186
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CUCRB6A	134	ELS134O-01	188	EMRJ45C6B	49	EXS1342O-01	186
CUCRC10	134	ELS134W-01	188	EMRJ45C6G	49	EXS1342W-01	186
CUCRC10A	134	ELS13B-01	188	EMRJ45C6W	49	EXS1344O-01	186
CUCRC16	134	ELS13O-01	188	EMSATB	48		
CUCRC16A	134	ELS13W-01	188	EMSATG	48	F-	
CUCRC20	134	ELS15B-01	189	EMSATW	48	F1010	107
CUCRC20A	134	EM2ASB	49	EMSCHSB	49	F1013	107
CUCRC32	134	EM2ASG	49	EMSCHSG	49	F103	107
CUCRC32A	134	EM2ASW	49	EMSCHSW	49	F105	107
CUCRC40	134	EM3SW42B	50	EMSW12B	51	FBN12	57
CUCRC40A	134	EM3SW42G	50	EMSW12ELB	51	FBN13	57
CUCRC6	134	EM3SW42W	50	EMSW12ELG	51	FBN14	57
CUCRC6A	134	EM45AFO	52	EMSW12ELW	51	FBN20B	61
CUEMS1	125	EM5ASB	49	EMSW12G	51	FBN21B	57
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Notes

BG Index and Terms & Conditions

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 and 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



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Bespoke decorative wiring accessory finishes

Attractive finishes to suit all your project needs

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Tel: 01952 238 100 Email: sales@bgelectrical.co.uk Web: www.bgelectrical.co.uk
BG Electrical Ltd, Stafford Park 1, Telford, Shropshire TF3 3BD.

LUCECO
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**BRITISH
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**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

GERMANY:

Tel: +49 40 89066 878 - 0
Email: eu_sales@luceco.com

Nexus Industries GmbH
Holstenplatz 20b
22765 Hamburg, Germany

FRANCE:

Tel: +33 (0)1 61 10 10 35
Email: fr_sales@luceco.com

Luceco SAS France & Belux
3 Rue de Courtalin
Magny Le Hongre 77700
Paris, France

ITALY:

Tel: +39 0434 1696795
Email: it_sales@luceco.com

Luceco Southern Europe,
S.L. Via Amman 10
33170 Pordenone, Italy

SPAIN:

Tel: +34 93 829 55 75
Email: es_sales@luceco.com

Nexus Industries LTD
C/ Bobinadora 1-5
08302 Mataró
Barcelona (SPAIN)

MIDDLE EAST:

Tel: +971 4 609 1867
Email: mea_sales@luceco.com

Luceco Middle East FZCO
Bldg. 5EB, Office 342
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

UNITED STATES:

Tel: +1 281 978 2509
Email: us_sales@luceco.com

Luceco Inc, 11050 W Little York
Road, Building C-2, Houston,
TX 77041, USA

MEXICO & LATIN AMERICA:

Tel: +52 (81) 5000 9437
Email: ventas@luceco.com

Luceco México S. de R.L. de C.V.
Batallón de San Patricio #109 Sur,
Col. Valle Oriente, San Pedro Garza
García N.L. México CP 66260 (Torre
Avalanz, Piso #20, Oficina 2009)

AFRICA:

Tel: +27 11 432 6779
Email: africa_sales@luceco.com

Unit 2, Cedarwood Office Park
Cnr. Western Service and
Mount Lebanon Road, Woodmead,
South Africa, 2144

TECHNICAL SUPPORT:

Tel: 03300 249 279
Email:
technical.support@masterplug.com

Lines open Monday to Friday
8.30am to 5pm, with answer phone
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