



Metal Clad

WIRING ACCESSORIES



www.bgelectrical.uk

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, Luceco plc carries a valid registration with a notified service provider for compliance with the Directive 2002/96/EC – WEEE (Waste Electrical and Electronic Equipment).

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

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



Quality and Reliability

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

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

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

All products are manufactured to the latest British Standards, and all the company's sites (both UK distribution and manufacturing) operate a BSI approved ISO 9001:2015 accredited quality management system.

Our range of wiring accessories have been tested and approved by ASTA and proudly wear the diamond mark – a sign of quality.

To ensure production quality and performance reliability all products are full type tested regularly in our on-site laboratory housing the latest test equipment. All products are subject to pre-shipment quality control inspections.



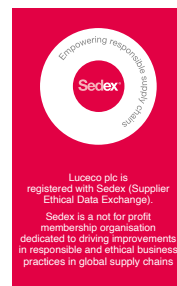
Ethical Policy

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

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

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.



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.

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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



Durable, powder coated finish

No visible plastic around switches

Angled in-line colour coded captive terminals

Twin Earth

Supplied with multiple knock-out metal box

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

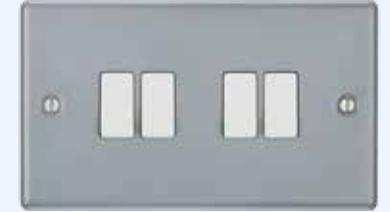


MC522U3

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

20 Amp 16AX Plate Switches

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



MC544



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

LUCECO ACADEMY



In association with
FIXX

EV CHARGE POINT PREPARATION

TRAINING AND CPD COURSE



18TH EDITION - AMD 2

13 Amp Socket Outlets

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



MC522



MC523

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

13 Amp RCD Protection

- Maximum load 3120 watts 240V 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 |

13 Amp Fused Connection Units

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



MC550F

MC551F



MC552F

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

Blank and Euro Module Plates

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



MC505



MC5EMS2

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

Telephone and Data Outlets

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



MC5RJ11

MC5BTM2



MC5RJ451

| Product Code | Description | Inner Carton |
|--------------|--|--------------|
| MC5BTM1 | Telephone master, single, screw terminals | EM |
| MC5BTM2 | Telephone master, double, screw terminals | EM |
| MC5BTS1 | Telephone secondary, single, screw terminals | EM |
| MC5BTS2 | Telephone secondary, double, screw terminals | EM |
| MC5RJ451 | RJ45 data 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 53 & 56

Front Plate



MC5EMS1

Module(s)



EMNSTVW



Nexus Grid Range Extension

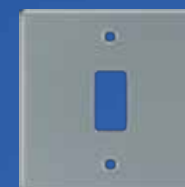
Quick & Easy Installation

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

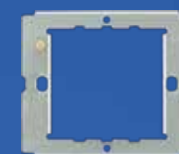
See page 44, 48 & 49

Front Plate



RMC1

Frame



RFR12

Modules



R12



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