MK Electric Masterseal Plus™

Thrive in the Toughest Conditions.
Masterseal Plus™ has been specifically developed for use in both outdoor and indoor environments, and where wiring devices and accessories would be at risk from penetration by dust or water. With a rating of IP66, Masterseal Plus™ offers total protection against dust, and is protected against high pressure jets of water from any direction.

Masterseal Plus™ sockets can seal around virtually any standard 13A plug – including moulded plugs – allowing safe connection for any appliance.

An improved catch eases the opening and closing of the lid, whilst ensuring the integrity of the seal. The seal is fixed to the mounting frame of the product, enabling rapid installation, and removing the risk of error when placing a floating gasket.

The Masterseal Plus™ range extends to over 90 product variations as the new enclosures house selected products from the Logic Plus portfolio – thus offering all the benefits of the Logic Plus range within the new Masterseal Plus™ enclosures.

Masterseal Plus™ is perfectly suited to a range of indoor and outdoor applications including factories, laboratories, swimming pools, commercial kitchens, industrial units, warehouses, clean rooms and more.

IP66
Masterseal Plus™ offers total dust ingress protection, and is protected against high-pressure water jets from any direction.

Robust Construction and Temperature Tolerant
Masterseal Plus™ will not discolor, crack or fade in UV light (unlike many other plastics), and will maintain operation in extremes of heat and cold.

Impact and Environmental Protection
Masterseal Plus™ enclosures are made from recycled polycarbonate, one of the toughest thermoplastics available – incidentally also used in products such as motorcycle helmets. The raw materials are actually waste material collected from other manufacturing plants. This not only diverts material otherwise destined for landfill, but also prevents an equivalent amount of virgin material being produced along with the associated savings in energy, providing a significant reduction in carbon footprints.

Widest Range
The Masterseal Plus™ range extends to over 90 product variants. The new enclosures house any product from the Logic Plus range, and enclosures and switches are available in Grey, White and Black.

20 Year Guarantee
Masterseal Plus™ is guaranteed for an industry-leading 20 years. (10 years for electronic products)
**Masterseal Plus™**

- **IP66**
  - Protection against any particles of dust and powerful water jets

- **REAR DRILL HOLES**
  - For easier installation

- **FIXED GASKET SPEEDS INSTALLATION**
  - And removes risk of error when placing a floating gasket

- **MANUFACTURED FROM RECYCLED POLYCARBONATE**
  - For impact and environmental protection

- **SEALED IN USE WITH**
  - VIRTUALLY ANY STANDARD 13 AMP PLUG, including those with moulded plug tops

- **IMPROVED CATCH**
  - Eases opening and closing

- **AVAILABLE IN GREY, WHITE AND BLACK**

- **NOW HAS ALL THE FEATURES AND BENEFITS OF THE LOGIC PLUS RANGE**

- **PATENTED GEL SEAL**
  - Durable water and dust tight seal for improved protection
Switch Socket Outlets, Timer Socket Outlets, and Key Operated Socket Outlets

13 AMP
IP66

RCD PROTECTED
13 AMP PROTECTED
IP66

Socket Outlets

13 AMP
IP66

16 AMP
IP66

Masterseal enclosures are manufactured from polycarbonate. This provides an extremely high level of impact resistance. However some chemicals and synthetic oils can harm polycarbonate. Refer to Technical Hotline for assistance +44 (0) 1268 563720

Fixing holes are for No.8 woodscrews (not supplied).
K56483 is for use with plugs having right angled cable exit.

M526885GRY  M52685WHI  M52685BLK
13 AMP SP
1 GANG
WITH ELECTRONIC TIMER MODULE
K52687GRY  K52687WHI  K52687BLK
13 AMP 1 GANG DP
KEY OPERATED SOCKET

K52631GRY  K52631WHI  K52631BLK
13 AMP 1 GANG
1 GANG DP
30 mA RATED TRIPPING CURRENT
ACTIVE CONTROL CIRCUIT
K52633GRY  K52633WHI  K52633BLK
2 GANG
30 mA RATED TRIPPING CURRENT
PASSIVE CONTROL CIRCUIT

K56480GRY  K56480WHI  K56480BLK
13 AMP 1 GANG UNSWITCHED
K56481GRY  K56481WHI  K56481BLK
13 AMP 2 GANG UNSWITCHED

13 AMP 1 GANG
1 GANG SP
30 mA RATED TRIPPING CURRENT
ACTIVE CONTROL CIRCUIT
K56232GRY  K56232WHI  K56232BLK
2 GANG
30 mA RATED TRIPPING CURRENT
PASSIVE CONTROL CIRCUIT

Fixing holes are for No.8 woodscrews (not supplied).
K56483 has 4 x 20mm entries, 1 on top, bottom and each side and is supplied with an earth terminal in the back box.

DIMENSIONS: 157 x 110 x 89mm
IEC60884-1: 2006
IP66 BS EN 60529: 1992

Timer Module meets the requirements of IEC 60730-1 and IEC 60730-2-7 standards

RCD protected sockets are pulsating d.c. and a.c. fault current sensitive.
Fixing holes are for No.8 woodscrews (not supplied).
Supplied with an earth terminal in the back box. The Sentrysocket has 5 entries. Suitable for supply voltage of 240V a.c. 50Hz.
Standard Shutter.

DIMENSIONS: 157 x 175 x 89mm
BS 7288: 1990
IP66 BS EN 60529: 1992

Fixing holes are for No.8 woodscrews (not supplied).
K56480 has 4 x 20mm entries, 1 on top, bottom and each side and is supplied with an earth terminal in the back box.

BS 1363: Pt2: 1995
IP66 BS EN 60529: 1992
K56481 Backbox has 5 cable entries, 2 on top and 1 centrally on other 3 sides. Supplied with earth terminals in backbox.

DIMENSIONS: 157 x 110 x 89mm
BS 1363 Pt: 2: 1995
IP66 BS EN 60529: 1992

K56486GRY  K56486WHI  K56486BLK
13 AMP DP
1 GANG
SWITCHED
K56482GRY  K56482WHI  K56482BLK
13 AMP DP
2 GANG
SWITCHED

K56488GRY  K56488WHI  K56488BLK
13 AMP DP SWITCHED
2 GANG
NEON CLEAR COVER

Fixing holes are for No.8 woodscrews (not supplied).
K56486 has 4 x 20mm entries, 1 on top, bottom and each side and is supplied with an earth terminal in the back box.

2 gang backbox has 5 cable entries, 2 on top and 1 centrally on other 3 sides. Supplied with earth terminals in backbox.

DIMENSIONS: 157 x 175 x 89mm
BS 1363 Pt.2: 1995
IP66 BS EN 60529: 1992

K56487GRY  K56487WHI  K56487BLK
13 AMP 2 GANG
RCD PROTECTED
13 AMP
IP66

Fixing holes are for No.8 woodscrews (not supplied).
K56487 has 4 x 20mm entries, 1 on top, bottom and each side and is supplied with an earth terminal in the back box.

2 gang backbox has 5 cable entries, 2 on top and 1 centrally on other 3 sides. Supplied with earth terminals in backbox.

DIMENSIONS: 157 x 175 x 89mm
BS 1363 Pt.2: 1995
IP66 BS EN 60529: 1992

K56485GRY  K56485WHI  K56485BLK
13 AMP DP SWITCHED
2 GANG
NEON CLEAR COVER
Fitted with a 13A fuse link to BS 1362.
Fixing holes are for No.8 woodscrews (not supplied).
K56425 Backbox has 4 x 20mm entries, 1 on top, bottom and each side and is supplied with an earth terminal in the back box.
DIMENSIONS: 157 x 110 x 89mm
BS EN 60669-1: 1999
IP66 BS EN 60529: 1992

Fitted with a 13A fuse link to BS 1362.
Fixing holes are for No.8 woodscrews (not supplied).
K56425 Backbox has 4 x 20mm entries, 1 on top, bottom and each side and is supplied with an earth terminal in the back box.
DIMENSIONS: 157 x 110 x 89mm
BS EN 60669-1: 1999
IP66 BS EN 60529: 1992

Fixing holes are for No.8 woodscrews (not supplied).
Each switch is fitted with a neon which can be wired as a locator.
The enclosure has 4 x 20mm entries, 1 on top, bottom and each side and is supplied with an earth terminal and a loop terminal in the back box.
DIMENSIONS: 95 x 95 x 57mm
BS EN 60669-1: 1999
IP66 to BS EN 60529: 1992

Fixing holes are for No.8 woodscrews (not supplied).
Each switch is fitted with a neon which can be wired as a locator.
The enclosure has 4 x 20mm entries, 1 on top, bottom and each side and is supplied with an earth terminal and a loop terminal in the back box.
DIMENSIONS: 95 x 95 x 57mm
BS EN 60669-1: 1999
IP66 to BS EN 60529: 1992

* NOTE: Installers may select any switch or neon modules, excluding dimmers, from Grid Plus range and configure product to suit installation requirements.

Fixing holes are for No.8 woodscrews (not supplied).
Backbox has 4 x 20mm entries, 1 on top, bottom and each side. Supplied with an earth terminal and a loop terminal in the back box.
DIMENSIONS: 95 x 95 x 80mm
BS EN 60669-1: 1999
IP66 to BS EN 60529: 1992

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### Switch Enclosures
- **Masterseal Plus™ Wiring Devices**
- **Ingress Protected – IP66**
- www.mkelectric.co.uk

#### IP66

<table>
<thead>
<tr>
<th>10 AMP</th>
<th>20 AMP</th>
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<tbody>
<tr>
<td><a href="#">K56420GRY</a></td>
<td><a href="#">K56420WHI</a></td>
</tr>
<tr>
<td><a href="#">K56420BLK</a></td>
<td><a href="#">K56421WHI</a></td>
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#### Data/Telecom Enclosures
- **Euro Format**

<table>
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<tr>
<th>1 GANG</th>
<th>2 Gang</th>
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<tbody>
<tr>
<td><a href="#">K56423GRY</a></td>
<td><a href="#">K56423WHI</a></td>
</tr>
<tr>
<td><a href="#">K56423BLK</a></td>
<td><a href="#">K56423BLK</a></td>
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#### Neon Modules

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<tr>
<th>10 AMP RED</th>
<th>20 AMP RED</th>
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<td><a href="#">56889 RED</a></td>
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#### Euro Data Modules

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<tr>
<th>BT Master</th>
<th>BT Secondary</th>
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<tr>
<td><a href="#">K5820 WHI</a></td>
<td><a href="#">K5821 WHI</a></td>
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</tbody>
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**Fixing holes are for No.8 woodscrews (not supplied).**

- Each enclosure is fitted with a neon which should be wired as a locator.
- The enclosure has 4 x 20mm entries, 1 on top, bottom and each side and is supplied with an earth terminal and a loop terminal in the back box.

**NOTE:** These enclosures are for use with the Masterseal Plus™ switch and neon modules.

**DIMENSIONS:**
- 95 x 95 x 57mm
- IP66 to BS EN 60529: 1992
**Euro Data Modules**

- **K56506WHI**
  - 1 GANG PLASTERTILE FLUSH MOUNTING FRAME WITH PROTECTIVE COVER FOR USE WITH 157 X 110MM PRODUCTS
  - 56500 GRY 56500 WHI
  - 1 GANG PLASTERTILE FLUSH MOUNTING FRAME WITH PROTECTIVE COVER FOR USE WITH 95 X 95MM PRODUCTS

- **K56501WHI**
  - 2 GANG PLASTERTILE FLUSH MOUNTING FRAME WITH PROTECTIVE COVER
  - The Flush adaptors for brick and cavity walls should be used on vertical surfaces where no additional finishing, such as plastering is required.
  - Can only be used with back entry enclosures.
  - Supplied with 4 self tapping screws to fix enclosure to mounting bezel.
  - Clip-on surround hides mounting screws.
  - DIMENSIONS: 56502: 145 x 145 x 41mm
  - K56503: 165 x 245 x 41mm

**Junction Boxes**

- **K5844WHI**
  - RJ45 CAT 5e ANGLED UNSCREENED ONE MODULE

- **K5887WHI**
  - R11/12 ONE MODULE

**Flush Mounting Frames**

- **K56500WHI**
  - JUNCTION BOX WITH FOUR 4-WAY TERMINALS

- **K56506WHI**
  - (COVER OFF)

**Flush Mounting Bezels**

- **K56501GRY**
  - 2 GANG FLUSH MOUNTING BEZEL

- **K56502GRY**
  - 1 GANG FLUSH MOUNTING BEZEL FOR USE WITH 157 X 110MM PRODUCTS
  - S6502 GRY S6502 WHI
  - 1 GANG FLUSH MOUNTING BEZEL FOR USE WITH 95 X 95MM PRODUCTS

**Conduit Entries**

- **56461 BLK**
  - PVC CABLE ENTRY TO PROVIDE DIRECT ENTRY OF POWER CABLE TO THE UNIT VIA THE BOTTOM BOX ENTRY

- **56462 BLK**
  - 20MM PLAIN CONDUIT ENTRY PUSH FIT ADAPTOR BETWEEN BACK BOX AND 20MM PLAIN CONDUIT

**Accessories**

- **56463 BLK**
  - 20MM THREADED CONDUIT ENTRY PUSH FIT ADAPTOR BETWEEN BACK BOX AND 20MM THREADED CONDUIT

- **56464 GRY**
  - BOX COUPLER FOR GANING ONE MASTERSEAL OR MASTERSEAL PLUS BOX NEXT TO ANOTHER

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**Euro Data**

- RJ45 CAT 5e performance.
- Suitable for both 568A and 568B wiring schemes.
- TIA/EIA TSB40A: Cat 5e
- TIA/EIA 568-A: Cat 5e
- ISO/IEC11801: Cat 5e

**Junction Boxes**

- 30 AMP IP66

**Flush Mounting Frames**

- DATA

**Flush Mounting Bezels**

- DATA
Echo™ is an innovative range of entirely wireless, batteryless and self-powered switches, only available from MK Electric.

Wireless
No wires offers the benefits of almost instant switch installation and total location flexibility, resulting in reduced costs and disruption as well as improved speed and ease of installation – invaluable for areas needing to rearrange space periodically, e.g. commercial offices, or those where the channeling of walls isn’t permissible or feasible, such as historic buildings or glass partition walls.

Batteryless
No batteries means low maintenance and low running costs. No need to buy, fit, replace or dispose of batteries, eliminating nuisance and waste for a more sustainable option.

Self-powered
The new echo range works by harvesting tiny amounts of ambient energy which power a switch (Transmitter) to send an RF signal to the Switch Receiver which is connected to the lighting circuit – operating lighting at ranges of up to 30 metres within typical buildings.

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