

technical hotline +44 (0)1268 563720

ingress protected IP66 | wiring devices



## range introduction

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.

## features and benefits

### 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 discolour, 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.

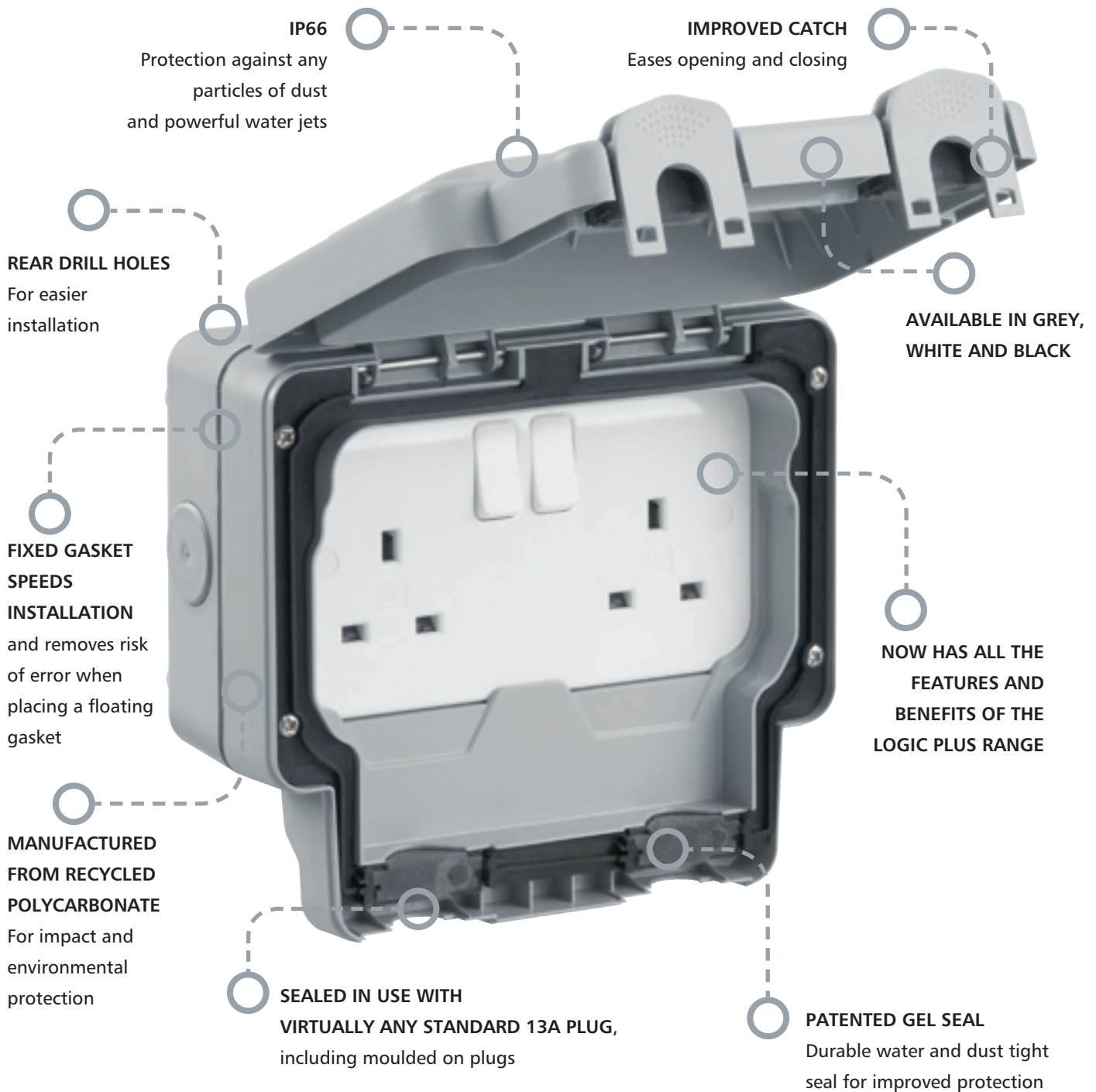
### Widest Range

The Masterseal Plus™ range extends to over 90 product variants. The new enclosures house products from the Logic Plus range, all 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)

\*Grid Plus enclosures are IP56



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## Switchsocket Outlets, Timer Socket Outlets, and Key Operated Socket Outlets

## Socket Outlets

13 AMP  
IP66

RCD PROTECTED  
13 AMP  
IP66

13 AMP  
IP66

16 AMP  
IP66



**K56486GRY** 1  
**K56486WHI** 1  
**K56486BLK** 1  
13A DP  
1 GANG  
SWITCHED

**K56482GRY** 1  
**K56482WHI** 1  
**K56482BLK** 1  
13A DP  
2 GANG  
SWITCHED

**K56488GRY** 1  
**K56488WHI** 1  
**K56488BLK** 1  
13A 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:  
1 gang: 157 x 110 x 89mm  
2 gang: 157 x 175 x 89mm  
BS 1363 Pt. 2: 1995  
IP66 BS EN 60529: 1992

**K56485GRY** 1  
**K56485WHI** 1  
**K56485BLK** 1  
13A SP  
1 GANG  
WITH ELECTRONIC TIMER MODULE

**K56487GRY** 1  
**K56487WHI** 1  
**K56487BLK** 1  
13A 1 GANG DP  
KEY OPERATED SOCKET

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

**K56301GRY** 1  
**K56301WHI** 1  
**K56301BLK** 1  
1 GANG DP  
30 mA RATED TRIPPING CURRENT  
ACTIVE CONTROL CIRCUIT

**K56231GRY** 1  
**K56231WHI** 1  
**K56231BLK** 1  
2 GANG SP  
30 mA RATED TRIPPING CURRENT  
ACTIVE CONTROL CIRCUIT

**K56233GRY** 1  
**K56233WHI** 1  
**K56233BLK** 1  
2 GANG SP  
30 mA RATED TRIPPING CURRENT  
PASSIVE CONTROL CIRCUIT

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 Shutters.

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

**K56480GRY** 1  
**K56480WHI** 1  
**K56480BLK** 1  
13A 1 GANG  
UNSWITCHED

**K56481GRY** 1  
**K56481WHI** 1  
**K56481BLK** 1  
13A 2 GANG  
UNSWITCHED

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:  
1 gang: 157 x 110 x 89mm  
2 gang: 157 x 175 x 89mm  
BS 1363 Pt.2: 1995  
IP66 BS EN 60529: 1992

**K56483GRY** 1  
**K56483WHI** 1  
**K56483BLK** 1  
16A  
1 GANG  
2P+E  
UNSWITCHED  
(NON UK)

Fixing holes are for No.8 woodscrews (not supplied).  
**K56483** is for use with plugs having right angled cable exit.  
DIMENSIONS:  
157 x 110 x 89mm  
IEC60884-1: 2006  
IP66 BS EN 60529: 1992

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



Key Operated  
SwitchesConnection  
Units

## Switches

Grid Plus  
Enclosures20 AMP  
IP6613 AMP  
IP6610 AMP  
IP6610 AMP  
IP6620 AMP  
IP66

IP56



K56425GRY



K56425WHI



K56425BLK



K56410WHI



K56410BLK



K56410GRY



K56400GRY



K56401WHI



K56402BLK



K56406GRY



K56407BLK



K56408WHI



K56409GRY



K56409WHI



K56409BLK



K56414GRY



K56414WHI



K56414BLK

**K56425GRY** 1  
**K56425WHI** 1  
**K56425BLK** 1

 20A  
 1 GANG  
 DP KEY OPERATED SWITCH

**K56410GRY** 1  
**K56410WHI** 1  
**K56410BLK** 1

 13A DP  
 1 GANG  
 SWITCHED, FUSED

**K56400GRY** 1  
**K56400WHI** 1  
**K56400BLK** 1

 10A 1 GANG  
 SP ONE-WAY

**K56401GRY** 1  
**K56401WHI** 1  
**K56401BLK** 1

 10A 1 GANG  
 SP TWO-WAY

**K56402GRY** 1  
**K56402WHI** 1  
**K56402BLK** 1

 10A 2 GANG  
 SP ONE-WAY

**K56406GRY** 1  
**K56406WHI** 1  
**K56406BLK** 1

 10A 1 GANG  
 DP ONE-WAY

**K56407GRY** 1  
**K56407WHI** 1  
**K56407BLK** 1

 10A 1 GANG  
 SP TWO-WAY  
 PUSH TO MAKE OR  
 PUSH TO BREAK  
 'BELL'

**K56408GRY** 1  
**K56408WHI** 1  
**K56408BLK** 1

 10A 1 GANG  
 SP TWO-WAY  
 PUSH TO MAKE OR  
 PUSH TO BREAK  
 'PRESS'

**K56409GRY** 1  
**K56409WHI** 1  
**K56409BLK** 1

 20A 1 GANG  
 DP ONE-WAY  
 'PRESS'

**K56414GRY** 1  
**K56414WHI** 1  
**K56414BLK** 1

 MODULAR GRID PLUS  
 ENCLOSURE SUPPLIED WITH  
 1 AND 2 GANG INSERTS\*

 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:  
 160 x 117 x 89mm  
 BS EN 60669-1: 1999  
 IP66 BS EN 60529: 1992

 Fitted with a 13A fuse link to  
 BS 1362.

**K56410** Backbox has 4 x 20mm  
 entries, 1 on top, bottom and  
 each side and is supplied with  
 an earth terminal in the  
 backbox.

 DIMENSIONS:  
 160 x 117 x 89mm  
 BS 1363 Pt.4: 1995  
 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.

 These switches (except push  
 switches) do NOT have to  
 be derated when used with  
 fluorescent or inductive loads.

 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.

 These switches (except push  
 switches) do NOT have to  
 be derated when used with  
 fluorescent or inductive loads.

 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 backbox.

 DIMENSIONS:  
 95 x 95 x 80mm  
 BS EN 60669-1: 1999  
 IP56 to BS EN 60529: 1992

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## Switch Enclosures

## Switch Modules

## Neon Modules

## Data/Telecom Enclosures Euro Format

## Euro Data Modules

IP66

10 AMP

20 AMP

IP66

TELECOM



K56420GRY



K56421WHI



K56422BLK



K56422GRY



56881BLK



56882BLK



56883BLK



56891BLK



56892BLK



56893BLK



56896BLK



56889RED



K56423GRY



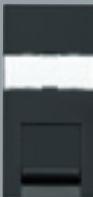
K56423WHI



K56423BLK



K5820WHI



K5820BLK



K5821WHI



K5821BLK

**K56420GRY** 1  
**K56420WHI** 1  
**K56420BLK** 1

1 GANG FOR USE WITH ANY ONE SWITCH MODULE

**K56421GRY** 1  
**K56421WHI** 1  
**K56421BLK** 1

1 GANG WITH NEON FOR USE WITH ANY SWITCH AND ANY NEON MODULE

**K56422GRY** 1  
**K56422WHI** 1  
**K56422BLK** 1

2 GANG FOR USE WITH ANY TWO SWITCH MODULES

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

**56881BLK** 10  
 10A SP ONE-WAY

**56882BLK** 10  
 10A SP TWO-WAY

**56883BLK** 10  
 10A DP ONE-WAY

For use only with Masterseal Plus™ switch enclosures.

These switches do NOT have to be derated when used with fluorescent or inductive loads.

BS EN 60669-1: 1999

**56891BLK** 10  
 20A SP ONE-WAY

**56892BLK** 10  
 20A SP TWO-WAY

**56893BLK** 10  
 20A INTERMEDIATE

**56896BLK** 10  
 20A DP ONE-WAY

For use only with Masterseal Plus™ switch enclosures.

These switches do NOT have to be derated when used with fluorescent or inductive loads.

BS EN 60669-1: 1999

**56889RED** 10  
 200-250V NEON RED

BS 5733: 2010

**K56423GRY** 1  
**K56423WHI** 1  
**K56423BLK** 1

1 GANG DATA ENCLOSURE FOR 2 MODULE EURO OUTLET HALF MODULE BLANKS SOLD SEPARATELY

2 data modules can be accommodated providing care is used to ensure that the cables are correctly routed through the outlet.

Fixing holes are for No.8 woodscrews (not supplied). Backbox has 4 x 20mm entries, 1 on each edge. Supplied with an earth terminal and a loop terminal in the backbox.

DIMENSIONS:  
160 x 117 x 89mm

IP66 to BS EN 60529: 1992

**K5820WHI** 5  
**K5820BLK** 5

TELEPHONE MASTER ONE MODULE

**K5821WHI** 5  
**K5821BLK** 5

TELEPHONE SECONDARY ONE MODULE

DIMENSIONS:  
25 x 50mm

BS 6312 Pt.2

See Logic Plus page 54 for a full range of Euro modules

## Euro Data Modules

## Junction Boxes

## Flush Mounting Frames

## Flush Mounting Bezels

## Conduit Entries

## Accessories

## DATA

30 AMP  
IP66

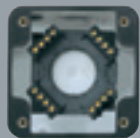
K5844WHI



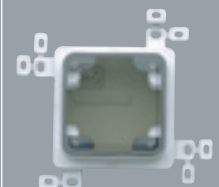
K5887WHI K5887BLK



K56506GRY

K56506WHI  
(COVER ON)K56506WHI  
(COVER OFF)

K56500GRY



56500WHI



K56501GRY



K56502GRY



56502WHI



K56503GRY



56460WHI



56461WHI



56462WHI



56463WHI



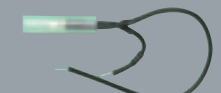
56464WHI



56837BLK



9933



56890GRN



K9944

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

**K5887WHI** **5**  
**K5887BLK** **5**  
RJ11/12  
ONE MODULE

See Logic Plus pages 54  
for a full range of Euro  
modules

**K5844**  
Enhanced Cat 5e performance.  
Suitable for both 568A and  
568B wiring schemes.

ISO/IEC 11801  
EN 50173  
TIA 568  
EN 41003

**K5887**  
Suitable for both RJ11 and  
RJ12 jacks  
RJ11: 4 wire  
RJ12: 6 wire

FCC68  
EN 41003  
DIMENSIONS:  
25 x 50mm

**K56506GRY** **1**  
**K56506WHI** **1**  
**K56506BLK** **1**  
JUNCTION BOX  
WITH FOUR  
4-WAY TERMINALS

Fixing holes are for No. 8  
woodscrews (not supplied).  
The enclosure has 4 entries, 1  
on top, bottom and both sides.  
TERMINAL CAPACITY:  
Each terminal block accepts four  
2.5mm<sup>2</sup> cables.  
DIMENSIONS:  
95 x 95 x 65mm  
BS 6220: 1983  
IP66 to BS EN 60529

**K56500GRY** **1**  
**K56500WHI** **1**  
1 GANG  
PLASTER/TILE  
FLUSH MOUNTING FRAME  
WITH PROTECTIVE COVER  
FOR USE WITH 160 X  
117MM PRODUCTS

**56500GRY** **1**  
**56500WHI** **1**  
1 GANG  
PLASTER/TILE  
FLUSH MOUNTING FRAME  
WITH PROTECTIVE COVER  
FOR USE WITH 95 X 95MM  
PRODUCTS

**K56501GRY** **1**  
**K56501WHI** **1**  
2 GANG  
PLASTER/TILE  
FLUSH MOUNTING FRAME  
WITH PROTECTIVE COVER

The Flush adaptors for plaster and  
tile can be used with finish depths  
up to 20mm, by using the spacers  
provided. Allows flush mounted  
Masterseal Plus™ products to  
maintain their IP rating.  
Can be used with side entry or  
back entry enclosures.  
DIMENSIONS:  
56500: 115 x 115 x 34mm  
K56500: 135 x 135 x 34mm  
K56501: 135 x 195 x 34mm

**K56502GRY** **1**  
**K56502WHI** **1**  
1 GANG  
FLUSH MOUNTING BEZEL  
FOR USE WITH 160 X  
117MM PRODUCTS

**56502GRY** **1**  
**56502WHI** **1**  
1 GANG  
FLUSH MOUNTING BEZEL  
FOR USE WITH 95 X 95MM  
PRODUCTS

**K56503GRY** **1**  
**K56503WHI** **1**  
2 GANG  
FLUSH MOUNTING BEZEL  
The Flush adaptors for brick  
and cavity walls should be used  
on vertical surfaces where no  
additional finishing, such as  
plastering is required.

Allows flush mounted  
Masterseal Plus™ products to  
maintain their IP rating.  
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  
K56502: 165 x 165 x 41mm  
K56503: 165 x 245 x 41mm

**56460GRY** **5**  
**56460WHI** **5**  
ENTRY BLANK

**56461BLK** **5**  
**56461WHI** **5**  
PVC CABLE ENTRY  
TO PROVIDE DIRECT  
ENTRY OF POWER CABLE  
TO THE UNIT VIA THE  
BOTTOM BOX ENTRY

**56462BLK** **5**  
**56462WHI** **5**  
20MM PLAIN CONDUIT  
ENTRY PUSH FIT ADAPTOR  
BETWEEN BACK BOX AND  
20MM PLAIN CONDUIT

**56463BLK** **5**  
**56463WHI** **5**  
20MM THREADED  
CONDUIT ENTRY PUSH FIT  
ADAPTOR BETWEEN  
BACK BOX AND 20MM  
THREADED CONDUIT

**56464GRY** **5**  
**56464WHI** **5**  
BOX COUPLER  
FOR GANGING ONE  
MASTERSEAL OR  
MASTERSEAL PLUS™  
BOX NEXT TO ANOTHER

**56837BLK** **5**  
REPLACEMENT GEL SEAL  
FOR SOCKETS

**9933** **1**  
M20 EARTH LEAD  
ADAPTOR FOR EARTHING  
METAL CONDUIT

**56890GRN** **5**  
REPLACEMENT  
NEON LOCATOR

**K9944** **5**  
FLANGE FOR  
PANEL MOUNTING  
1 GANG 95 X 95MM  
MODULES

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

1 and 2 Channel Transmitter For Echo™

Enclosure For Small Load Receiver For Echo™

Switch Receivers For Echo™

Accessories For Echo™

IP66

IP66



K55400GRY



K55000GRY



K5418R



K5417R



K55406WHI



K5420R



K5419R



K55406BLK

**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 channelling 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.

For the complete Echo™ range, please refer to page 31.

**K55400GRY** 1  
**K55400WHI** 1  
**K55400BLK** 1

1 CHANNEL TRANSMITTER FOR ECHO™

**K55406GRY** 1  
**K55406WHI** 1  
**K55406BLK** 1

2 CHANNEL TRANSMITTER FOR ECHO™

**K55000GRY** 1  
**K55000WHI** 1  
**K55000BLK** 1

ENCLOSURE FOR USE WITH K5418R

**K5418R** 1  
SMALL LOAD SWITCH RECEIVER 400 WATT

**K5420R** 1  
10AX SWITCH RECEIVER/REPEATER

**K5417R** 1  
REMOTE CONTROL

**K5419R** 1  
FIELD STRENGTH INDICATOR

**KPAD** 1  
ADHESIVE PAD (ASPECT AND LOGIC PLUS)

- **No wires**
  - Instant switch installation
  - Location/relocation flexibility
  - Simplifies office 'churn' – less disruption
- **No batteries**
  - Low maintenance
  - Low running costs
  - Less waste, a more sustainable option
  - No nuisance factor
- **Flexibility**
  - No wires, no constraints
  - Suitable for all wall types, including where channelling isn't feasible
  - Ideal for commercial, residential and historic buildings
- **Quality reliability and safety come as standard**
- **10 year guarantee**