



MK Electric Masterseal Plus™



Thrives in the Toughest Conditions.



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.

feature 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

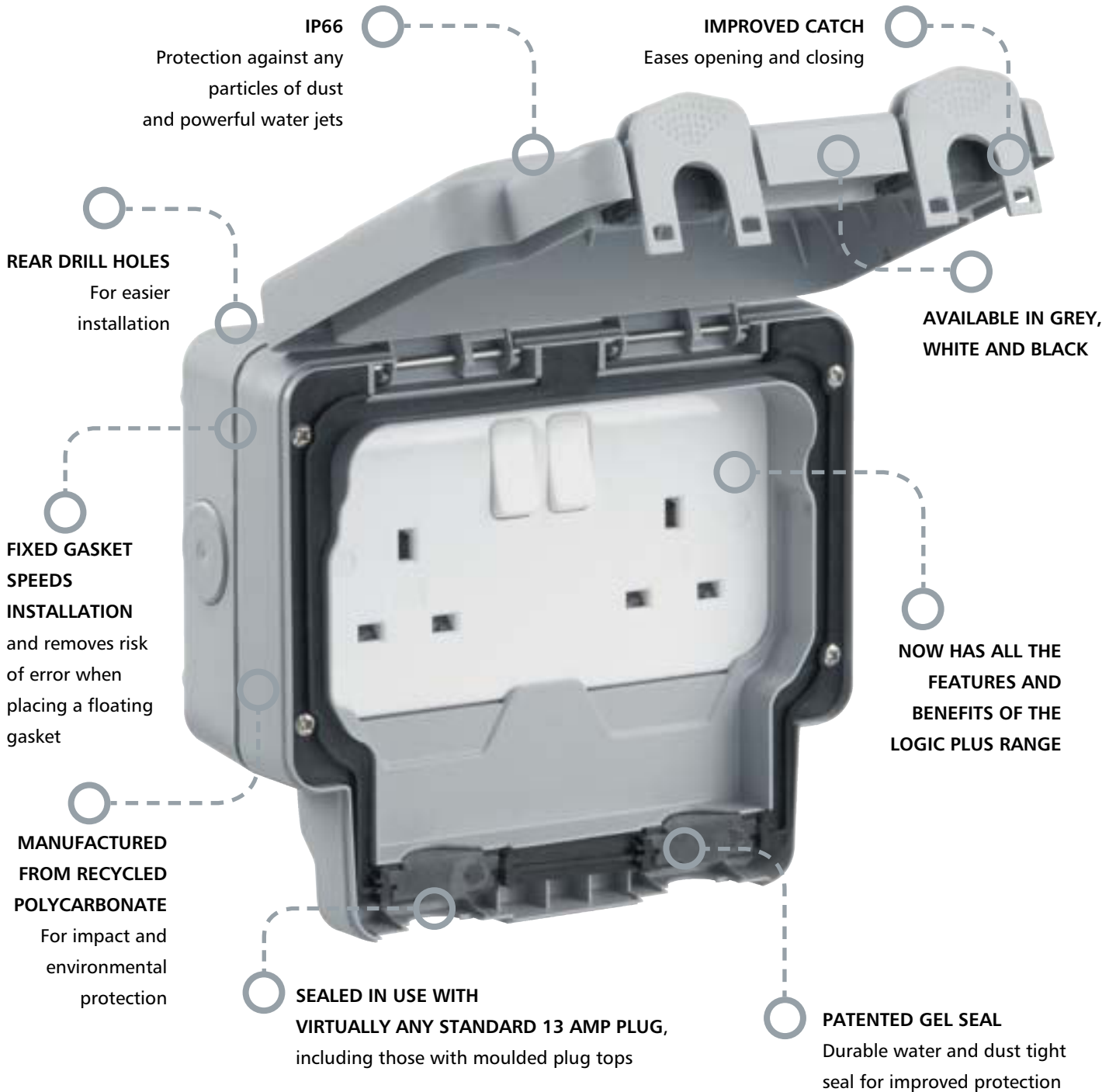
Masterseal Plus™ enclosures are made from recycled polycarbonate, one of the toughest thermoplastics available – incidentally also used in products such as motorcycle helmets. The raw materials are actually waste material collected from other manufacturing plants. This not only diverts material otherwise 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 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)



Switch Socket Outlets, Timer Socket Outlets, and Key Operated Socket Outlets

13 AMP
IP66

RCD PROTECTED
13 AMP
IP66

13 AMP
IP66

16 AMP
IP66

Socket Outlets



K56486GRY



K56482BLK



K56488GRY



K56485GRY



K56485WHI



K56487GRY



K56301GRY



K56231BLK



K56233WHI



K56480GRY



K56481WHI



K56481BLK



K56483GRY



K56483WHI



K56483BLK

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:
1 gang: 157 x 110 x 89mm
2 gang: 157 x 175 x 89mm

BS 1363 Pt. 2: 1995
IP66 BS EN 60529: 1992

1
1
1

1
1
1

1
1
1

K56485GRY
K56485WHI
K56485BLK

13 AMP SP
1 GANG
WITH ELECTRONIC TIMER MODULE

K56487GRY
K56487WHI
K56487BLK

13 AMP 1 GANG DP
KEY OPERATED SOCKET

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

1
1
1

1
1
1

1
1
1

1
1
1

1
1
1

K56301GRY
K56301WHI
K56301BLK

1 GANG DP
30 mA RATED TRIPPING CURRENT
ACTIVE CONTROL CIRCUIT

K56231GRY
K56231WHI
K56231BLK

2 GANG SP
30 mA RATED TRIPPING CURRENT
ACTIVE CONTROL CIRCUIT

K56233GRY
K56233WHI
K56233BLK

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
K56480WHI
K56480BLK

13 AMP 1 GANG
UNSWITCHED

K56481GRY
K56481WHI
K56481BLK

13 AMP 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

1
1
1

1
1
1

K56483GRY
K56483WHI
K56483BLK

16 AMP
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

1
1
1

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 Switches

Connection Units

Switches

Grid Plus Enclosures

20 AMP
IP66

13 AMP
IP66

10 AMP
IP66

10 AMP
IP66

20 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
20 AMP
1 GANG
DP KEY OPERATED SWITCH

K56410GRY 1
K56410WHI 1
K56410BLK 1
13 AMP DP
1 GANG
SWITCHED, FUSED

K56400GRY 1
K56400WHI 1
K56400BLK 1
10 AMP 1 GANG
SP ONE-WAY
K56401GRY 1
K56401WHI 1
K56401BLK 1
10 AMP 1 GANG
SP TWO-WAY
K56402GRY 1
K56402WHI 1
K56402BLK 1
10 AMP 2 GANG
SP ONE-WAY

K56406GRY 1
K56406WHI 1
K56406BLK 1
10 AMP 1 GANG
DP ONE-WAY
K56407GRY 1
K56407WHI 1
K56407BLK 1
10 AMP 1 GANG
SP TWO-WAY
PUSH TO MAKE OR
PUSH TO BREAK
'BELL'
K56408GRY 1
K56408WHI 1
K56408BLK 1
10 AMP 1 GANG
SP TWO-WAY
PUSH TO MAKE OR
PUSH TO BREAK
'PRESS'

K56409GRY 1
K56409WHI 1
K56409BLK 1
20 AMP 1 GANG
DP ONE-WAY
'PRESS'

K56414GRY 1
K56414WHI 1
K56414BLK 1
MODULAR GRID PLUS
ENCLOSURE SUPPLIED WITH
1 AND 2 GANG INSERTS*

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:
1 gang: 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)
Backbox has 4 x 20mm entries, 1 on each edge, and is supplied with an earth terminal in the back box.
DIMENSIONS:
157 x 110 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 back box.
DIMENSIONS:
95 x 95 x 80mm
BS EN 60669-1: 1999
IP56 to BS EN 60529: 1992

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



56881 BLK



56882 BLK



56883 BLK



56891 BLK



56892 BLK



56893 BLK



56896 BLK



56889 RED



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

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

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

56883 BLK **10**
 10 AMP 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

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

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

56893 BLK **10**
 20 AMP INTERMEDIATE

56896 BLK **10**
 20 AMP 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

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

BS 5733: 1995

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: 157 x 110 x 89mm

IP66 to BS EN 60529: 1992

K5820 WHI **5**
K5820 BLK **5**
 BT MASTER ONE MODULE

K5821 WHI **5**
K5821 BLK **5**
 BT SECONDARY ONE MODULE

DIMENSIONS: 25 x 50mm

BS 6312 Pt.2



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



56500 WHI



K56501GRY



K56502GRY



56502 WHI



K56503GRY



56460 WHI



56461 WHI



56462 WHI



56463 WHI



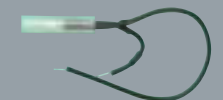
56464 WHI



56837



9933



56890 GRN



K9944

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

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

K5844
Enhanced 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

K5887
Suitable for both RJ11 and
RJ12 jacks
RJ11: 4 wire
RJ12: 6 wire
FCC68
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
2.5mm² 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 157 X
110MM PRODUCTS

56500 GRY **1**
56500 WHI **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 157 X
110MM PRODUCTS

56502 GRY **1**
56502 WHI **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

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

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

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

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

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

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

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

56890 GRN **5**
REPLACEMENT
NEON LOCATOR

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

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

1G/2G Switch Transmitter For Echo

Enclosure For Small Load Receiver For Echo

Switch Receivers For Echo

Accessories For Echo



WIRELESS



BATTERYLESS



SELF-POWERED



K55400GRY



K55000GRY



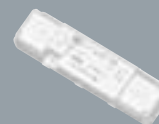
K55406WHI



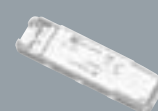
K55406BLK



K5418R



K5420R



K5414R



K5417R



K5419R

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.

K55400GRY

K55400WHI

K55400BLK

1G SWITCH TRANSMITTER FOR ECHO

K55406GRY

K55406WHI

K55406BLK

2G SWITCH TRANSMITTER FOR ECHO

K55000GRY

K55000WHI

K55000BLK

K5418R

SMALL LOAD SWITCH RECEIVER 400 WATT

K5402R

10AX SWITCH RECEIVER/ REPEATER

K5414R

REPEATER

K5417R

REMOTE CONTROL

K5419R

FIELD STRENGTH INDICATOR

KPAD

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**

MK ELECTRIC

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CHOO CHIANG

SINGAPORE QUALITY CLASS



ISO9001 CERTIFIED

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