Masterseal Plus™

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 any product from the Logic Plus range, and enclosures and switches are available in Grey, White and Black.

20 Year Guarantee

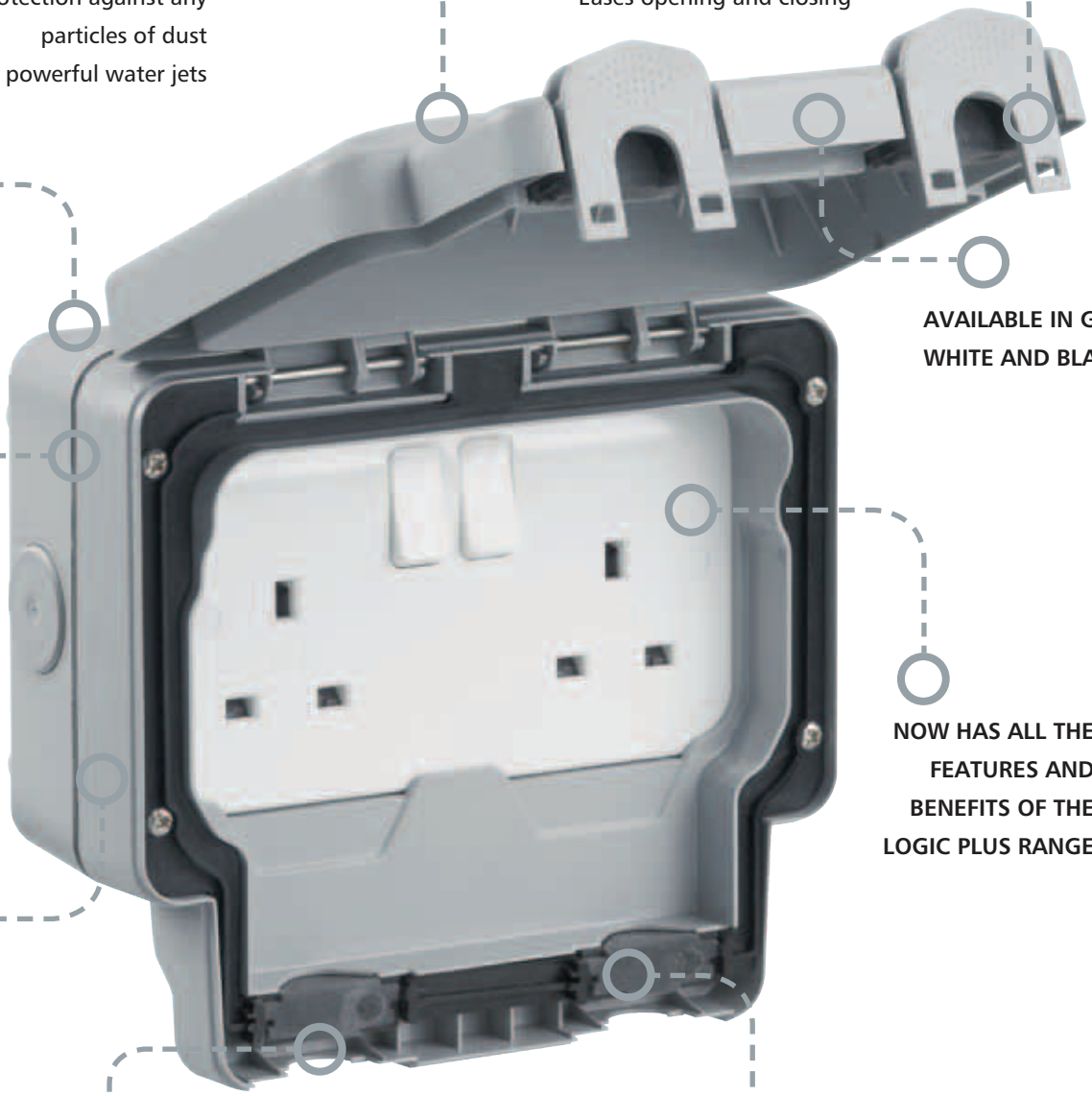
Masterseal Plus™ is guaranteed for an industry-leading 20 years. (10 years for electronic products)

Masterseal Plus™

wiring devices | **ingress protected – IP66** www.mkelectric.co.uk

IP66
Protection against any particles of dust and powerful water jets

IMPROVED CATCH
Eases opening and closing



REAR DRILL HOLES
For easier installation

AVAILABLE IN GREY, WHITE AND BLACK

FIXED GASKET SPEEDS INSTALLATION
and removes risk of error when placing a floating gasket

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

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

PATENTED GEL SEAL
Durable water and dust tight seal for improved protection





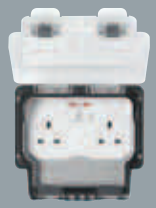


Switch Socket Outlets, Timer Socket Outlets, and Key Operated Socket Outlets

13 AMP
IP66


K56486GRY


K56482BLK


K56488GRY

K56486GRY 1
K56486WHI 1
K56486BLK 1

13 AMP DP
1 GANG
SWITCHED

K56482GRY 1
K56482WHI 1
K56482BLK 1

13 AMP DP
2 GANG
SWITCHED

K56488GRY 1
K56488WHI 1
K56488BLK 1

13 AMP DP SWITCHED
2 GANG
NEON
CLEAR COVER

Fixing holes are for No.8 woodscrews (not supplied).

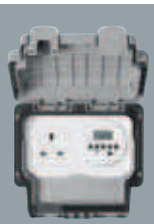
K56486 has 4 x 20mm entries, 1 on top, bottom and each side and is supplied with an earth terminal in the back box.

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


K56485GRY


K56485WHI


K56487GRY

K56485GRY 1
K56485WHI 1
K56485BLK 1

13 AMP SP
1 GANG
WITH ELECTRONIC TIMER MODULE

K56487GRY 1
K56487WHI 1
K56487BLK 1

13 AMP 1 GANG DP
KEY OPERATED SOCKET

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

RCD PROTECTED
13 AMP
IP66


K56301GRY


K56231BLK


K56233WHI

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

Socket Outlets

13 AMP
IP66


K56480GRY


K56481WHI


K56481BLK

K56480GRY 1
K56480WHI 1
K56480BLK 1

13 AMP 1 GANG
UNSWITCHED

K56481GRY 1
K56481WHI 1
K56481BLK 1

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

16 AMP
IP66


K56483GRY


K56483WHI


K56483BLK

K56483GRY 1
K56483WHI 1
K56483BLK 1

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

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

20 AMP IP66



K56425GRY



K56425WHI



K56425BLK

K56425GRY 1
K56425WHI 1
K56425BLK 1

20 AMP
1 GANG
DP KEY OPERATED SWITCH

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

13 AMP IP66



K56410WHI



K56410BLK



K56410GRY

K56410GRY 1
K56410WHI 1
K56410BLK 1

13 AMP DP
1 GANG
SWITCHED, FUSED

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 backbox.

DIMENSIONS:
157 x 110 x 89mm

BS 1363 Pt.4: 1995

IP66 BS EN 60529: 1992

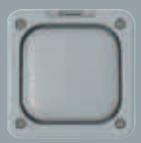
10 AMP IP66



K56400GRY



K56400BLK



K56401GRY



K56401WHI

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

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

10 AMP IP66



K56402BLK



K56402WHI



K56406GRY



K56406WHI

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

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

10 AMP IP66



K56407GRY



K56407BLK



K56408WHI



K56408BLK

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'

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

Grid Plus Enclosures

Switch Enclosures

Switch Modules

20 AMP
IP66


K56409GRY


K56409WHI


K56409BLK

K56409GRY 1
K56409WHI 1
K56409BLK 1

20 AMP 1 GANG
DP ONE-WAY
'PRESS'

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

IP56


K56414GRY


K56414WHI


K56414BLK

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). 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

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

IP66


K56420GRY


K56421WHI


K56422BLK


K56422GRY

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

10 AMP


56881 BLK


56882 BLK


56883 BLK

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

20 AMP


56891 BLK


56892 BLK


56893 BLK


56896 BLK

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

Masterseal Plus™

Neon Modules



56889 RED

56889 RED 10
200-250V NEON
RED

BS 5733: 1995

Data/Telecom Enclosures Euro Format

IP66



K56423GRY



K56423WHI



K56423BLK

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.

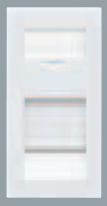
Fixing holes are for No.8 woodscrews (not supplied).
Backbox has 4 x 20mm entries, 1 on each edge. Supplied with an earth terminal and a loop terminal in the backbox.

DIMENSIONS:
157 x 110 x 89mm

IP66 to BS EN 60529: 1992

Euro Data Modules

TELECOM



K5820WHI



K5820BLK



K5821WHI



K5821BLK

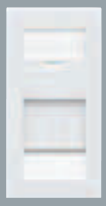
K5820 WHI 5
K5820 BLK 5
BT MASTER
ONE MODULE

K5821 WHI 5
K5821 BLK 5
BT SECONDARY
ONE MODULE

DIMENSIONS:
25 x 50mm

BS 6312 Pt.2

DATA



K5844WHI



K5887WHI



K5887BLK

K5844 WHI 5
RJ45 CAT 5e
ANGLED UNSCREENED
ONE MODULE

K5887 WHI 5
K5887 BLK 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

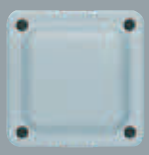
K5887
Suitable for both RJ11 and RJ12 jacks
RJ11: 4 wire
RJ12: 6 wire

FCC68

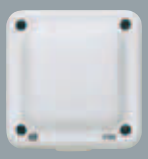
DIMENSIONS:
25 x 50mm

Junction Boxes

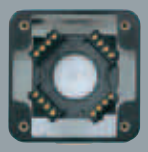
30 AMP
IP66



K56506GRY



K56506WHI
(COVER ON)



K56506WHI
(COVER OFF)

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

Flush Mounting Frames

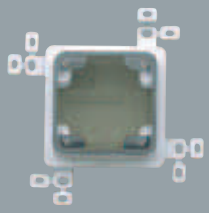
Flush Mounting Bezels

Conduit Entries

Accessories



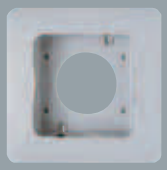
K56500GRY



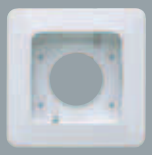
56500 WHI



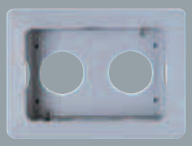
K56501GRY



K56502GRY



56502 WHI



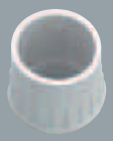
K56503GRY



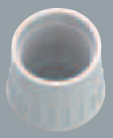
56460 WHI



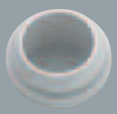
56461WHI



56462 WHI



56463 WHI



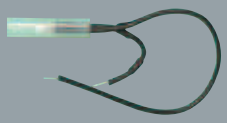
56464 WHI



56837



9933



56890 GRN



K9944

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