

SUPERMOON

Powering modern work and life

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Masterseal™

Ingress Protected



Features

INGRESS PROTECTED

The award winning Masterseal range has been specifically designed for use in either outdoors or indoors and in areas heavily exposed to dust and splashing water.

Waterproof

Protection from strong jets of water from any direction, and protection from dust, sawdust and small particles

Robust construction

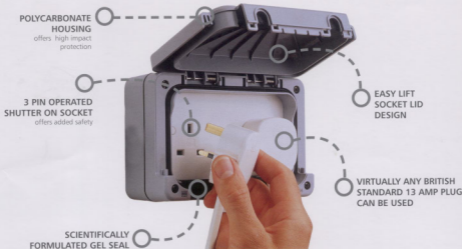
It will not discolour, crack or fade in UV light (unlike many other plastics)

Temperature tolerant

Will maintain operation in extremes of heat and cold

Impact protection

The Masterseal range is made with polycarbonate, one of the toughest thermoplastics available today - so tough and durable that it's used in motorcycle helmets and car bumpers



Why Polycarbonate?

The Masterseal range is made with Polycarbonate, one of the toughest thermoplastics available today - so tough and durable that it's used in motorcycle helmets and car bumpers. It will not discolour, crack or fade in UV light (unlike many other plastics), it has good resistance to most chemicals and will maintain its high resistance to impact in extremes of heat and cold.



Waterproof connection to safeguard home and family



Masterseal's unique design means socket outlets retain their IP56 rating when in use

Switch Socket Outlets and Timer Socket Outlet

13 AMP
IP56

RCD PROTECTED
13 AMP
IP56



56482 GRY



56301 GRY



56485 GRY



56231 GRY

56482 GRY **1**
56482 WHI **1**
13 AMP DP
2 GANG
SWITCHED
56485 GRY **1**
56485 WHI **1**
13 AMP SP
1 GANG
WITH ELECTRONIC TIMER MODULE
AVAILABLE APRIL 2004

Facing holes are for No.8 woodscrews (not supplied). Backbox has 5 cable entries, 2 on top and 1 centrally on other 3 sides. Supplied with earth terminals in backbox.
DIMENSIONS: 175 x 115 x 80mm
BS 1363 Pt. 2: 1995
IP56 BS EN 60529: 1992
Timer Module meets the requirements of IEC 60 730-1 and IEC 60730-2-7 standards

56301 GRY **1**
56301 WHI **1**
1 GANG DP
30mA RATED TRIPPING
CURRENT
ACTIVE CONTROL CIRCUIT
56231 GRY **1**
56231 WHI **1**
2 GANG DP
30mA RATED TRIPPING
CURRENT
ACTIVE CONTROL CIRCUIT
56233 GRY **1**
56233 WHI **1**
2 GANG DP
30mA RATED TRIPPING
CURRENT
ROSSIVE CONTROL CIRCUIT
RCD protected sockets are pulsating d.c. and a.c. fault current sensitive.
Facing holes are for No.8 woodscrews (not supplied). Supplied with an earth terminal in the back box. The Sertysocket has 5 entries. Suitable for supply voltage of 240V a.c. 50Hz.
Rotary operated shutter.
DIMENSIONS: 175 x 115 x 80mm
BS 1363 Pt. 2: 1995, BS 7288: 1990
IP56 BS EN 60529: 1992
IMPORTANT: For explanation of active and passive control (circuit please see page 229 under Sertysocket heading

Socket Outlets

13 AMP
IP56



56480 WHI



56481 WHI

56480 GRY **1**
56480 WHI **1**
13 AMP
1 GANG
UNSWITCHED
56481 GRY **1**
56481 WHI **1**
13 AMP
2 GANG
UNSWITCHED

Facing holes are for No.8 woodscrews (not supplied).
56480 has 4 x 20mm entries, 1 on top, bottom and each side and is supplied with an earth terminal in the back box.
56481 has 5 entries.
DIMENSIONS:
1 gang: 95 x 95 x 80mm
2 gang: 175 x 115 x 80mm
BS 1363 Pt. 2: 1995
IP56 BS EN 60529: 1992

16 AMP
IP56



56483 GRY



56483 WHI

56483 GRY **1**
56483 WHI **1**
16 AMP
1 GANG
2P+E
UNSWITCHED
(NON UK)

Facing holes are for No.8 woodscrews (not supplied).
56483 is for use with plugs having right angled cable exit. It cannot be used with our entry box (54504).
DIMENSIONS:
95 x 95 x 80mm
IEC 60884-1: 2002
EDN VDE 0624-1:1999-09

Connection Unit

13 AMP
IP56



56410 GRY

56410 GRY **1**
56410 WHI **1**
13 AMP DP
1 GANG
SWITCHED, RUSED

Fitted with a 13A fuse link to BS 1362.
Facing 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: 95 x 95 x 80mm
BS 1363 Pt.4: 1995
IP56 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 local Technical Hotline for assistance.

Switches

10 AMP
IP56



56400 GRY



56400 WHI



56401 GRY



56401 WHI

56400 GRY
56400 WHI
10 AMP 1 GANG
SP ONE-WAY

56401 GRY
56401 WHI
10 AMP 1 GANG
SP TWO-WAY

Fixing holes are for No.8 wood screws (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 switched) do NOT have to be de-rated when used with fluorescent or inductive loads.

DIMENSIONS:
95 x 95 x 57mm
BS EN 60669: 2000
IP56 to BS EN 60529: 1992
VDE 0632-1A

10 AMP
IP56



56402 GRY



56402 WHI



56406 GRY



56406 WHI

56402 GRY
56402 WHI
10 AMP 2 GANG
SP ONE-WAY

56406 GRY
56406 WHI
10 AMP 1 GANG
DP ONE-WAY

Fixing holes are for No.8 wood screws (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 switched) do NOT have to be de-rated when used with fluorescent or inductive loads.

DIMENSIONS:
95 x 95 x 57mm
BS EN 60669: 2000
IP56 to BS EN 60529: 1992
VDE 0632-1A

10 AMP
IP56



56407 GRY



56408 GRY



56408 WHI

56407 GRY
56407 WHI
10 AMP 1 GANG
SP TWO-WAY
PUSH TO MAKE OR
PUSH TO BREAK
BELL

56408 GRY
56408 WHI
10 AMP 1 GANG
SP TWO-WAY
PUSH TO MAKE OR
PUSH TO BREAK
PRESS

BS EN 60669-1:2000
IP56 to BS EN 60529: 1992
VDE 0632-1A

20 AMP
IP56



56409 GRY

56409 GRY
20 AMP 1 GANG
DP ONE-WAY
PRESS

BS EN 60669-1:2000
IP56 to BS EN 60529: 1992
VDE 0632-1A

SECRET KEY
20 AMP
IP56



56411 GRY



56412 GRY



56413 GRY



56414 GRY

56411 GRY
56411 WHI
20 AMP 1 GANG
SP TWO-WAY
SECRET KEY SWITCH
MARKED: TMG LIG TEST

56412 GRY
56412 WHI
20 AMP 1 GANG
DP ONE-WAY
SECRET KEY SWITCH

56413 GRY
56413 WHI
20 AMP
SP TWO-WAY SWITCH +
20 AMP 2 WAY
SECRET KEY SWITCH

56414 GRY
56414 WHI
2 GANG MODULAR GRID PLUS
ENCLOSURE* AVAILABLE JUNE 2004

Fixing holes are for No.8 wood screws (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 88mm
BS EN 60669: 2000
IP56 to BS EN 60529: 1992

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

Switch Enclosures

Switch Modules

Neon Modules

Photo Electric (Dusk/Dawn)

IP56

10 AMP

20 AMP

IP56



56420 GRY



56421 WHI



56422 GRY



56422 WHI



56881 BLK



56882 BLK



56883 BLK



56891 BLK



56892 BLK



56893 BLK



56896 BLK



56889 RED



56748 GRY

56420 GRY
56420 WHI

1 GANG FOR USE WITH ANY ONE SWITCH MODULE

56421 GRY
56421 WHI

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

56422 GRY
56422 WHI

2 GANG FOR USE WITH ANY TWO SWITCH MODULES

1
1
1
1
1
1
56881 BLK

 10 AMP SP
ONE-WAY

56882 BLK

 10 AMP SP
TWO-WAY

56883 BLK

 10 AMP DP
ONE-WAY

10
10
10
56891 BLK

 20 AMP SP
ONE-WAY

56892 BLK

 20 AMP SP
TWO-WAY

56893 BLK

 20 AMP
INTERMEDIATE

56896 BLK

 20 AMP DP
ONE-WAY

10
10
10
10
56889 RED

 200-250V NEON
RED

10

BS.5733: 1995

56748 GRY

AUTOMATIC SWITCH WITH FIXED AMBIENT LIGHT THRESHOLDS AND OPTIONAL ADJUSTABLE TIMER

1

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 Masterneel switch and neon modules.

 DIMENSIONS:
95 x 95 x 57mm

IP56 to BS EN 60529: 1992

For use only with Masterneel switch enclosures.

These switches do NOT have to be de-rated when used with fluorescent or inductive loads.

BS EN 60669-1: 2000

For use only with Masterneel switch enclosures.

These switches do NOT have to be de-rated when used with fluorescent or inductive loads.

BS EN 60669-1: 2000

Masterneel photo electric switch will automatically switch on at dusk and off at dawn. Alternatively an optional user adjustable time period can be used to switch the load OFF before dawn, if required. Suitable for supply voltage of 230V a.c. 50Hz

DIMENSIONS: 95 x 95 x 65mm

NOMINAL LIGHT LEVEL

THRESHOLDS:

25 lux ON, 40 lux OFF

Optional timer adjustable from 1-15 hours (nominal)

RATING: single pole 6 amp resistive

1000W Tungsten GLS

1000W Tungsten Halogen

1200W Fluorescent

(without PF correction)

100 µF max. load capacitance.

IEC 60669-2-1

IP56 to BS EN 60529: 1992

BS EN 50081-1 BS EN 50082-1

This product is not suitable for use with low energy compact fluorescent lamps.

Data/Telecom
Enclosure
Euro Format

Euro Data
Modules

Junction
Box

IP56

TELECOM

DATA

ISDN

IP56



56423 GRY



KS820 WHI KS820 BLK



KS821 WHI KS821 BLK



KS844 WHI



KS887 WHI KS887 BLK



KS840 WHI KS840 BLK



56506 GRY



56506 WHI

56423 GRY
56423 WHI

1 GANG
DATA ENCLOSURE
FOR ONE MODULE EURO OUTLET
SUPPLIED WITH
2 X HALF MODULE BLANKS

1
1

KS820 WHI
KS820 BLK

BT MASTER
ONE MODULE

KS821 WHI
KS821 BLK

BT SECONDARY
ONE MODULE

2
2

KS844 WHI

RMS CAT 5E
ANGLED UNSCREENED
ONE MODULE

KS887 WHI
KS887 BLK

RJ11/12
ONE MODULE

2
2

KS840 WHI
KS840 BLK

ISDN
ONE MODULE

KS887 WHI
KS887 BLK

RJ11/12
ONE MODULE

2
2

56506 GRY
56506 WHI

JUNCTION BOX
WITH FOUR
4-WAY TERMINALS

1
1

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

Fitting holes are for No. 3 wood screws (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: 95 x 95 x 80mm
IP56 to BS EN 60529: 1992

DIMENSIONS:
25 x 50mm
BS 6312 PJ2

KS844
Enhanced Cat 5 performance. Suitable for both 5684 and 5688 wiring schemes. Supplied with cable tie and cable anchors to secure wires in the connectors.
TIA/EIA T5684A: Cat 5e
TIA/EIA 568-A: Cat 5e
ISO/IEC 11801: Cat 5e

KS887
Suitable for both RJ11 and RJ12 jacks
RJ11: 4 wire
RJ12: 6 wire
FCCBR

DIMENSIONS:
25 x 50mm

Incorporates line terminating resistor.

DIMENSIONS:
25 x 50mm

TIA/EIA T5684A
TIA/EIA 568-A
ISO/IEC 11801

Fitting holes are for No. 8 wood screws (not supplied). The enclosure has 4 entries, 1 at top, bottom and both sides.

TERMINAL CAPACITY:
Each terminal block accepts four 2.5mm² cables.

DIMENSIONS:
95 x 95 x 65mm
BS 6320 1983
IP56 to BS EN 60529

Modular TV/Satellite outlets are also available to fit Euro frontplates. See Logic Plus Catalogue for details.

Rear Entry Back Boxes

Flush Mounting Frames

Flush Mounting Bezels

Conduit Entries

Accessories



- 56504 GRY**
56504 WHI
1 GANG BOX
REAR CONDUIT ENTRY
- 56505 GRY**
56505 WHI
2 GANG BOX
REAR CONDUIT ENTRY



- 56500 GRY**
56500 WHI
1 GANG
PLASTERFILL
FLUSH MOUNTING FRAME
WITH PROTECTIVE COVER
- 56501 GRY**
56501 WHI
2 GANG
PLASTERFILL
FLUSH MOUNTING FRAME
WITH PROTECTIVE COVER



- 56502 GRY**
56502 WHI
1 GANG
FLUSH MOUNTING BEZEL
FOR USE WITH 56504
- 56503 GRY**
56503 WHI
2 GANG
FLUSH MOUNTING BEZEL
FOR USE WITH 56505



- 56460 GRY**
56460 WHI
ENTRY BLANK
- 56461 BLK**
56461 WHI
PVC CABLE ENTRY
TO PROVIDE DIRECT
ENTRY OF POWER CABLE
TO THE UNIT VIA THE
BOTTOM BOX ENTRY



- 56837 BLK**
REPLACEMENT GEL SEAL
FOR SOCKETS
- 9933**
MGO EARTH LEAD
ADAPTOR FOR EARTHING
METAL CONDUIT
- 56890 GRN**
REPLACEMENT
NEON LOCATOR



For use in rear entry surface mounted situations or for use in conjunction with Flush Mounting Bezels (56502 and 56503).

These products must be used if the cable or conduit enters the Masterseal enclosure from the rear. See pages T0233-234 for installation options.

Fixing holes are for No. 8 wood screws (not supplied).

NOTE:

1 gang has no side entries.
2 gang has side entries fixed permanently in position.

Earths and loop terminals are provided but not fitted. Supplied with one PVC cable entry. List No. 56462.

DIMENSIONS:

1 gang: 95 x 95 x 40mm
2 gang: 175 x 115 x 40mm

The Flush adaptor for plaster and tile can be used with flush depth up to 20mm, by using the spacers provided. Allows flush mounted Masterseal products to maintain their IP rating.

Can be used with side entry or back entry enclosures. See pages T0233-234 for installation options.

DIMENSIONS:

1 gang: 115 x 115 x 34mm
2 gang: 135 x 195 x 34mm

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 products to maintain their IP rating.

Can only be used with back entry enclosures. See pages T0233-20234 for installation options.

Supplied with 4 self tapping screws to fix enclosure to mounting bezel.
Clip on surround holes mounting screws.

DIMENSIONS:

1 gang: 145 x 145 x 41mm
2 gang: 165 x 225 x 41mm

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



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



- 56464 GRY**
56464 WHI
BOX COUPLER
FOR GANGING ONE
MASTERSEAL BOX
NEXT TO ANOTHER



- K9944**
FLANGE FOR
PANEL MOUNTING
1 GANG
MASTERSEAL PRODUCTS





MK ELECTRIC

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