

INGRESS PROTECTED

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

3 pin operated shutter on socket offers added safety

Colour matching conduit accessories

Scientifically formulated gel seal



Polycarbonate housing offers high impact protection

Easy lift socket lid design

Virtually any British standard 13 amp plug can be used



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

SWITCHSOCKET OUTLETS

SOCKET OUTLETS

CONNECTION UNIT

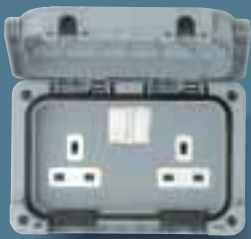
13 AMP
IP56

RCD PROTECTED
13 AMP
IP56

13 AMP
IP56

16 AMP
IP56

13 AMP
IP56



56482 GRY



56301 GRY



56480 WHI



56483 GRY



56410 GRY



56231 GRY



56481 WHI



56483 WHI

56482 GRY
56482 WHI
13 AMP DP
2 GANG
SWITCHED

1
1

56301 GRY
56301 WHI
1 GANG DP
30mA RATED TRIPPING
CURRENT
ACTIVE CONTROL CIRCUIT

1
1

56231 GRY
56231 WHI
2 GANG DP
30mA RATED TRIPPING
CURRENT
ACTIVE CONTROL CIRCUIT

1
1

56233 GRY
56233 WHI
2 GANG DP
30mA RATED TRIPPING
CURRENT
PASSIVE CONTROL CIRCUIT

1
1

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 230-240V a.c. 50Hz

DIMENSIONS: 175 x 115 x 80mm
BS.1363 Pt.2: 1995. BS.7288: 1990

IMPORTANT: For explanation of active and passive control circuit please see page 348 under Sentrysocket heading

56480 GRY
56480 WHI
13 AMP
1 GANG
UNSWITCHED

1
1

56481 GRY
56481 WHI
13 AMP
2 GANG
UNSWITCHED

1
1

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

56480 has 4 x 20mm entries, 1 on each edge 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

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

1
1

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

56483 is for use with plugs having right angled cable exit. It cannot be used with rear entry box (56504).

DIMENSIONS:
95 x 95 x 80mm

IEC 884-1: 1994

56410 GRY
56410 WHI
13 AMP DP
1 GANG
SWITCHED, FUSED

1
1

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: 95 x 95 x 80mm

BS.1363 Pt.4:1995

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

INGRESS PROTECTED

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

1
1
1
1

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 each edge 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.3676 Pt.1: 1989
IP56 to BS EN 60529

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

1
1
1
1

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 each edge 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.3676 Pt.1: 1989
IP56 to BS EN 60529

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'

1
1
1
1

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 each edge 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.3676 Pt.1: 1989
IP56 to BS EN 60529

20 AMP
IP56



56409 GRY

56409 GRY
20 AMP 1 GANG
DP ONE-WAY
'PRESS'

1
1
1

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 each edge 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.3676 Pt.1: 1989
IP56 to BS EN 60529

SECRET KEY
20 AMP
IP56



56411 GRY



56412 GRY



56413 GRY

56411 GRY
56411 WHI
20 AMP 1 GANG
SP TWO-WAY
SECRET KEY SWITCH
MARKED 'EMG LTG TEST'

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

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

1
1
1
1
1

Other switch modules from the Grid Plus range can be fitted to special order. please consult the Technical Services Department.
+44 (0) 1268 563720
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: 95 x 95 x 80mm
BS.3676 Pt.1:1989



TECHNICAL HOTLINE +44 (0)1268 563720

INGRESS PROTECTED

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

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 each edge and is supplied with an earth terminal and a loop terminal in the back box.

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

DIMENSIONS: 95 x 95 x 57mm

BS EN.60947-1

IP56 to BS EN 60529

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

For use only with Masterseal switch enclosures.

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

BS.3676 Pt.1: 1989

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

For use only with Masterseal switch enclosures.

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

BS.3676 Pt.1: 1989

10

10

10

10

56889 RED

200-250V NEON RED

BS.5733: 1995

10

56748 GRY

AUTOMATIC SWITCH WITH FIXED AMBIENT LIGHT THRESHOLDS AND OPTIONAL ADJUSTABLE TIMER

Masterseal photo electric switches 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

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 669 Part 2-1
IP56 to BS EN.60529
BS EN.50081-1 BS EN.50082-1

1

INGRESS PROTECTED

DATA/TELECOM ENCLOSURE EURO FORMAT

EURO DATA MODULES

JUNCTION BOX

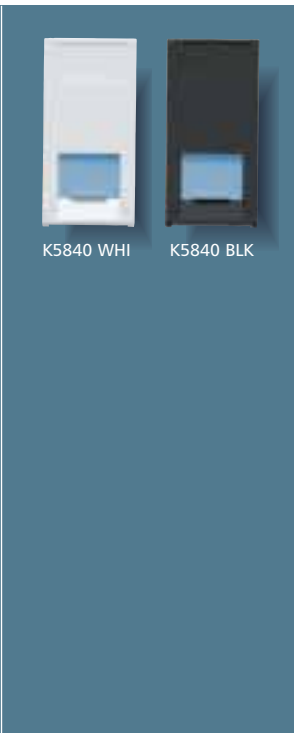
IP56

TELECOM

DATA

ISDN

IP56



56423 GRY **1**
56423 WHI **1**
 1 GANG
 DATA ENCLOSURE
 FOR ONE MODULE EURO OUTLET
 SUPPLIED WITH
 2 X HALF MODULE BLANKS

K5820 WHI **5**
K5820 BLK **5**
 BT MASTER
 ONE MODULE
K5821 WHI **5**
K5821 BLK **5**
 BT SECONDARY
 ONE MODULE

K5844 WHI **5**
 RJ45 CAT 5E
 ANGLED UNSCREENED
 ONE MODULE
K5887 WHI **5**
K5887 BLK **5**
 RJ11/12
 ONE MODULE

K5840 WHI **5**
K5840 BLK **5**
 ISDN
 ONE MODULE

56506 GRY **1**
56506 WHI **1**
 JUNCTION BOX
 WITH FOUR
 4-WAY TERMINALS

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: 95 x 95 x 80mm

DIMENSIONS:
 25 x 50mm
 BS.6312 Pt2

K5844
 Enhanced Cat 5 performance. Suitable for both 568A and 568B wiring schemes. Supplied with cable tie and cable anchors to secure wires in the connectors.
 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

Incorporates line terminating resistor.

DIMENSIONS:
 25 x 50mm
 TIA/EIA TSB40A
 TIA/EIA 568-A
 ISO/IEC11801

Fixing holes are for No. 8 woodscrews (not supplied). The enclosure has 4 side entries.
 TERMINAL CAPACITY:
 Each terminal block accepts four 2.5mm² cables.
 DIMENSIONS:
 95 x 95 x 65mm
 BS.6220:1983
 IP56 to BS EN.60529

Modular TV/Satellite outlets are also available to fit Euro frontplates. See Page 157 for details

**REAR ENTRY
BACK BOXES**
**FLUSH
MOUNTING
FRAMES**
**FLUSH
MOUNTING
BEZELS**
**CONDUIT
ENTRIES**
ACCESSORIES


56504 GRY



56505 GRY



56500 GRY



56500 WHI



56501 GRY



56502 GRY



56502 WHI



56503 GRY



56460 WHI



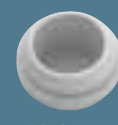
56461 WHI



56462 WHI



56463 WHI



56464 WHI



56837



9933



56890 GRN



K9944

56504 GRY
56504 WHI
1 GANG BOX
REAR CONDUIT ENTRY

1
1

56505 GRY
56505 WHI
2 GANG BOX
REAR CONDUIT ENTRY

1
1

56500 GRY
56500 WHI
1 GANG
PLASTER/TILE
FLUSH MOUNTING FRAME
WITH PROTECTIVE COVER

1
1

56501 GRY
56501 WHI
2 GANG
PLASTER/TILE
FLUSH MOUNTING FRAME
WITH PROTECTIVE COVER

1
1

56502 GRY
56502 WHI
1 GANG
FLUSH MOUNTING BEZEL
FOR USE WITH 56504

1
1

56503 GRY
56503 WHI
2 GANG
FLUSH MOUNTING BEZEL
FOR USE WITH 56505

1
1

56460 GRY
56460 WHI
ENTRY BLANK

5
5

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

5
5

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

5
5

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

5
5

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

5
5

56837 BLK
REPLACEMENT GEL SEAL
FOR SOCKETS

5

9933
M20 EARTH LEAD
ADAPTOR FOR EARTHING
METAL CONDUIT

1

56890 GRN
REPLACEMENT
NEON LOCATOR

5

K9944
FLANGE FOR
PANEL MOUNTING
1 GANG
MASTERSEAL PRODUCTS

5

For use in tamperproof 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 278-279 for installation options.

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

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

Earth 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 adaptors for plaster and tile can be used with finish depths 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 278-279 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 278-279 for installation options.

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

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

INGRESS PROTECTED

INSTALLATION OPTIONS

FLUSH MOUNTING FOR PLASTER/TILED WALLS



Ideal for environments where hygiene is paramount, for example, hospitals and kitchens.

The Flush Mounting Frame is provided with spacers which are used to adjust the height of the box depending upon the depth of plaster, tiling or rendering to be applied to the mounting surface.



SURFACE MOUNTING FOR REAR ENTRY



This option is for use in 'tamperproof' environments e.g. schools and public areas.

For this application the cable or conduit enters the Masterseal enclosure from the rear only (there are no side entries).



FLUSH MOUNTING FOR ANY FINISHED SURFACE

SURFACE MOUNTING FOR SIDE ENTRY CONDUIT



The Bezel provides an alternative method of flush mounting in areas where hygiene is important e.g. food preparation areas.

This bezel can be used on any finished surface e.g. brick or cavity walls. The bezel should be used in conjunction with the rear entry back box.



The basic Masterseal unit comes complete with a standard surface mounting back box. This enables top, bottom or side entry for the cable or conduit.

