



# Technical Data

## 10 Amp Switches

### Brief product description:

IP rated accessories designed to protect against water and dust ingress in the most arduous of conditions

### Features:

- IP55 Rated (with cover closed)
- M20 + M25 knock-outs in supplied mounting box
- Fixing centres with horizontal and vertical adjustment

### Product Images



WPB12



WPB14

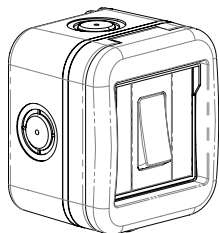


WPB42

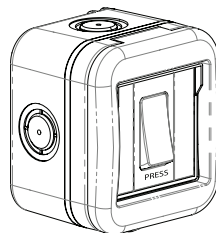
### Technical Specifications

Standard(s)	BS EN 60669-1
Rating	10 Amp 250V~ (10AX - no derating for inductive or fluorescent loads)
Switch Type	Single pole
Contact Gap	3.0mm minimum
Terminal Capacity	4 x 1.0mm <sup>2</sup> 4 x 1.5mm <sup>2</sup> 2 x 2.5mm <sup>2</sup> 1 x 4.0mm <sup>2</sup>
IP Rating	IP55
RoHS Directive	No
WEEE Directive	No
Number of 20mm cable entries	4 x M20 cut-outs(1 each side), 1 x M25 cut-out on rear with sealant ring
	44mm fixing centres with horizontal and vertical adjustment
Size	75mm x 91mm x 67mm

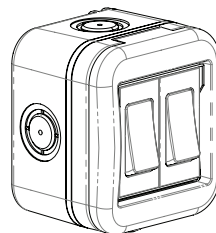
### Line Diagrams



WPB12



WPB14



WPB42

# 10 Amp Switches

## Packaging Information

Cat No.	Description	Packaging Type			Pack Quantity			Barcode		
		Product	Inner Box	Outer Box	Each	Inner Box	Outer Box	Individual	Inner Box	Outer Box
WPB12	10AX 1 gang	Printed Box	Printed Inner Box	Printed Outer Box	1	10	100	5050765037341	5050765037433	5050765037525
WPB42	10AX 2 gang	Printed Box	Printed Inner Box	Printed Outer Box	1	10	100	5050765037358	5050765037440	5050765037532
WPB14	1G Bell push	Printed Box	Printed Inner Box	Printed Outer Box	1	10	100	5050765037396	5050765037488	5050765037570

## Weights & Dimensions

Cat No.	Description	Dimension (W x L x H) cm			Weight (kg)			CMB (m <sup>3</sup> )
		Product	Inner Box	Outer Box	Each	Inner Box	Outer Box	Outer Box
WPB12	10AX 1 gang	7.6 x 6.5 x 9.2	34.5 x 16.2 x 10	36 x 52 x 35	0.15	1.7	17.5	0.066
WPB42	10AX 2 gang	7.6 x 6.5 x 9.2	34.5 x 16.2 x 10	36 x 52 x 35	0.16	1.8	19	0.066
WPB14	1G Bell push	7.6 x 6.5 x 9.2	34.5 x 16.2 x 10	36 x 52 x 35	0.15	1.7	17.5	0.066

## Installation Information

### Safety Warning

Before use please read carefully and use in accordance with these safety wiring instructions.

Before commencing any electrical work ensure the supply **is switched off at the mains**. Either by switching off the consumer unit or by removing the appropriate fuse.

Wiring should be in accordance with the latest edition of the IEE regulations (BS 7671).

### Wire Identification – Twin & Earth Cable

**EARTH** = Green/Yellow Sleaving

**NEUTRAL** = Black (pre Apr 04) / Blue (after Apr 04)

**LIVE** = Red (pre Apr 04) / Brown (after Apr 04)

To prevent fire hazard always use cable of the correct rating, size and type for the application.

Note - As from 1st April 2004 new colour codes for hard wire installations was introduced.



**Technical Helpline: 0845 194 7584**  
If in doubt consult a competent electrician.

### Installation Instructions

Choose position of product and cable entries.

The cable entries should be made using a 20mm diameter cutter and the cable inserted via suitable glands or conduit.

For side top or rear entry the lowermost drain hole position must be drilled out using a 5mm drill. Only 1 drain hole position should be drilled.

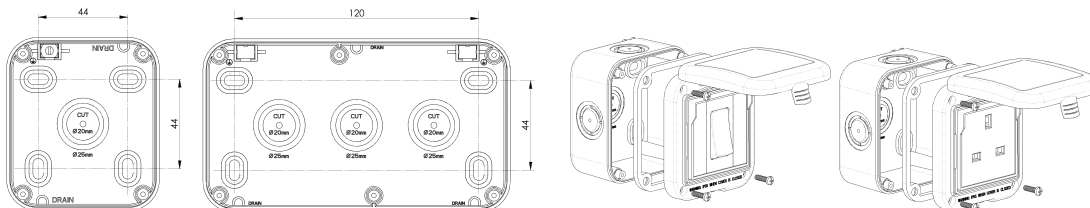
For bottom entry a drain hole must not be drilled in the rear box, but a drain hole should be drilled at the lower most point of the conduit run.

For rear entry a channel around the cable entry is provided to accept a bead of sealant (not supplied) for extra sealing protection.

To ensure the weatherproof rating is maintained, sealant (not supplied) should be used around the screw holes.

### Note

The drilling out of a drain hole will reduce the IP rating of the product. The rear box should be attached to a suitable flat surface using No.8 screws.



Before fitting front assembly check that the gasket seal is fitted correctly to the base.

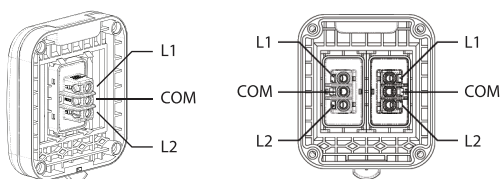
Connect the wiring to the terminals of the accessory, please consult the appropriate wiring diagram below.

After wiring fit front assembly to the rear box using the screws supplied, **DO NOT OVERTIGHTEN**.

Switch power back on and check product is working and that cover closes correctly.

Switches can be operated without opening the cover; sockets require the cover to be opened (Sockets are not IP rated in use).

### 1 & 2 Gang 2 Way Switch Wiring



For 1 way use L1