



Technical Data

13 Amp Socket Outlets

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



WPB23



WPB24



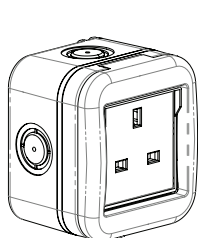
WPB21

Technical Specifications

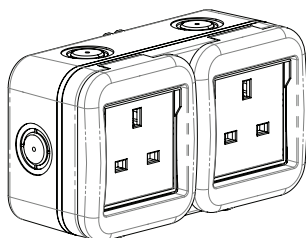
Standard(s)	BS 1363 Part 2
Rating	13 Amp 250V~
Switch Type	Double pole (WPB21 products)
Contact Gap	3.0mm minimum (WPB21 products)
Terminal Capacity	3 x 2.5mm ² 3 x 4mm ² 2 x 6.0mm ²
IP Rating	IP55
RoHS Directive	No
WEEE Directive	No
Number of cable entries	4 x M20 cut-outs (1 each side), 1 x M25 cut-out on rear with sealant ring
	44mm fixing centres with horizontal and vertical adjustment (WPB23 products)
	6 x M20 cut-outs (2 top + bottom, 1 per side),
	1 x M25 cut-out on rear with sealant ring, 120 x 44mm fixing centres with
	horizontal and vertical adjustment (WPB21, WPB24 products)
Size	75mm x 91mm x 67mm (WPB23 products)
	140mm x 91mm x 67mm (WPB21, WPB24 products)

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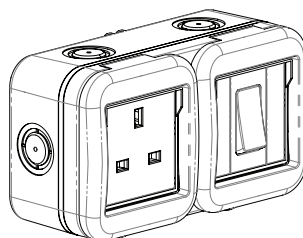
Line Diagrams



WPB23



WPB24



WPB21

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
WPB23	1G 13A UnSw Skt	Printed Box	Printed Inner Box	Printed Outer Box	1	10	100	5050765037310	5050765037402	5050765037495
WPB24	2G 13A UnSw Skt	Printed Box	Printed Inner Box	Printed Outer Box	1	5	50	5050765037327	5050765037419	5050765037501
WPB21	1G 13A Sw Skt	Printed Box	Printed Inner Box	Printed Outer Box	1	5	50	5050765037334	5050765037426	5050765037518

Weights & Dimensions

Cat No.	Description	Dimension (W x L x H) cm			Weight (kg)			CMB (m³)
		Product	Inner Box	Outer Box	Each	Inner Box	Outer Box	Outer Box
WPB23	1G 13A UnSw Skt	7.6 x 6.5 x 9.2	34.5 x 16.2 x 10	36 x 52 x 35	0.16	1.8	19.1	0.066
WPB24	2G 13A UnSw Skt	15 x 6.5 x 9.2	34.5 x 16.2 x 10	36 x 52 x 35	0.32	1.7	17.8	0.066
WPB21	1G 13A Sw Skt	15 x 6.5 x 9.2	34.5 x 16.2 x 10	36 x 52 x 35	0.3	1.6	16.9	0.066

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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.

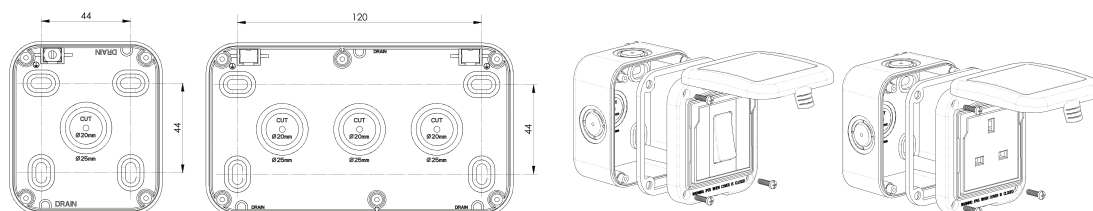
For bottom entry a drain hole must not be drilled in the rear box, but a drain hole should be drilled at the lower most point of the conduit run.

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.

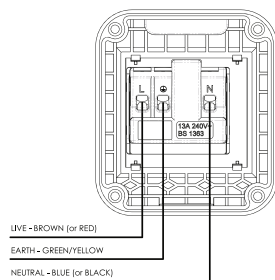
Connect the wiring to the terminals of the accessory, please consult the appropriate wiring diagram below.

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

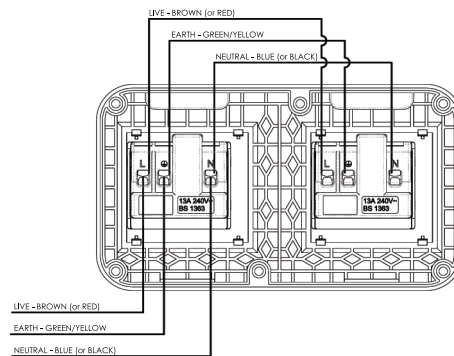
Switch power back on and check product is working and that cover closes correctly.

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

1 Gang Unswitched Socket Wiring

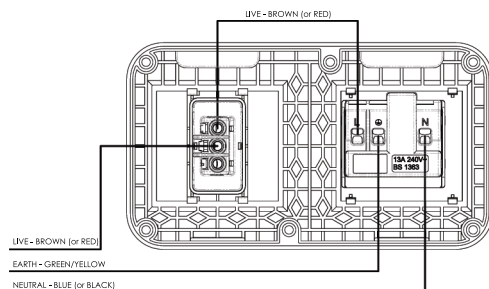


2 Gang Unswitched Socket Wiring



2.5mm² cable should be used to link the 2 sockets (not supplied).

1 Gang Switched Socket Wiring



2.5mm² cable should be used to link the switch to the socket (not supplied).