



Technical Data

45 Amp Double Pole Switches - Standard Rockers

Brief product description:

BG's Neo Slimline range of wiring accessories, sleek polycarbonate with screwless clip-on front plate, available in gloss white and decoarative finishes.

Features:

- Manufactured to BS EN 60669-1
- L &N Terminal capacity $4 \times 4.0\text{mm}^2$, $3 \times 6.0\text{mm}^2$ & $1 \times 16.0\text{mm}^2$
- E Terminal capacity $3 \times 4.0\text{mm}^2$, $2 \times 6.0\text{mm}^2$, $1 \times 16.0\text{mm}^2$
- Minimum mounting box depth 47mm
- Concealed fixing screws

Product Images



PCWH72

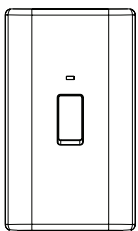


PCWH74

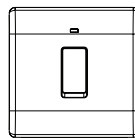
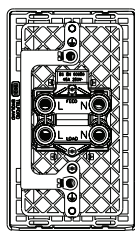
Technical Specifications

Standard(s)	BS 4177
Rating	45 Amp, 250V~
Switch Type	Double Pole
Contact Gap	3.0mm minimum
Terminal Capacity – L & N	$4 \times 4.0\text{mm}^2$, $3 \times 6.0\text{mm}^2$ & $1 \times 16.0\text{mm}^2$
Terminal Capacity – Earth	$3 \times 4.0\text{mm}^2$, $2 \times 6.0\text{mm}^2$ & $1 \times 16.0\text{mm}^2$
RoHS Directive	No
WEEE Directive	No
Mounting Box Depth(Min)	47mm
Fixing Centres	60.3mm (PCxx74) 120.6mm vertical (PCxx72)
Size	$86\text{mm} \times 86\text{mm} \times 29.8\text{mm}$ (PCxx74) $147.9\text{mm} \times 86\text{mm} \times 29.8\text{mm}$ (PCxx72)

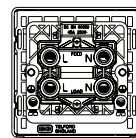
Line Diagrams



PCWH72



PCWH74



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Packaging Information

Cat No.	Description	Packaging Type			Pack Quantity		
		Product	Inner Box	Outer Box	Each	Inner Box	Outer Box
PCxx72	45A DP (Rectangular) + LED	BG Printed Bag	BG Printed Box	BG Brown Carton	1	5	50
PCxx74	45A DP (Square) + LED	BG Printed Bag	BG Printed Box	BG Brown Carton	1	10	100

Weights & Dimensions

Cat No.	Description	Dimension (W x L x H) cm			Weight (g)			CMB (m ³)
		Product	Inner Box	Outer Box	Each	Inner Box	Outer Box	Outer Box
PCxx72	45A DP (Rect) + LED	2.98x16.1x24.2	9.5x16x17.5	20.5x30.8x50.5	160	805	8550	0.0319
PCxx74	45A DP (Sq) + LED	2.98x11.6x22.1	9.5x18.5x17.5	21.5x36.5x50.5	118	1250	13000	0.0447

Barcodes

Cat No.	Description	White (WH)			Champagne (CH)		
		Product	Inner Box	Outer Box	Product	Inner Box	Outer Box
PCxx72	45A DP (Rect) + LED	5050765039567	5050765039888	5050765040204	5050765041423	5050765041690	5050765041423
PCxx74	45A DP (Sq) + LED	5050765039574	5050765039895	5050765040211	5050765041430	5050765041706	5050765041430

Barcodes

Cat No.	Description	Silver (SL)			Pearl White (PW)		
		Product	Inner Box	Outer Box	Product	Inner Box	Outer Box
PCxx72	45A DP (Rect) + LED	5050765102773	5050765102797	5050765102711	5050765103848	5050765103862	5050765103886
PCxx74	45A DP (Sq) + LED	5050765102780	5050765102704	5050765102728	5050765103855	5050765103879	5050765103893

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 Sleeving

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

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



Technical Helpline: 03300 249 279

If in doubt consult a competent electrician.

The ends of the individual conductors should have the insulation removed by approx. 12mm. Any bare earth conductors should be sleeved to within 12mm of the ends. (These details are for general information only and conductor lengths may need to be trimmed in certain installations).

General Installation Instructions

- 1) If using the new product to replace an old one, note the cable connections and wire up new product in the same way as the old one, with Earthing as stated in these instructions.
- 2) Ensure the mounting box (metal or patress) for either flush or surface mounting is the appropriate size for the product.
- 3) Route the cable through the most suitable entry point of the mounting box. If a metal box is used, a protective cable grommet should be used.
- 4) Cables should be prepared so a sufficient conductor length reaches the terminals. Strip the ends of the individual conductors so that an adequate length enters the terminals.
- 5) Carefully arrange the wiring to lie along the edges of the product or box, keeping the central area clear.
- 6) To assist with the correct installation please consult the appropriate wiring diagram on this leaflet.
- 7) When connecting the new accessory ensure that only the bare end of the wire enters the terminal, and no bare wires are visible.

Always tighten the terminal screws securely, but do not overtighten.

An earth connection should always be made between the mounting box earth terminal, and the accessory earth terminal, where fitted. If this earth wire is bare, it is essential that it is sheathed with a length of green/yellow sleeving.

- 8) Carefully position the accessory into the wall box, ensuring that no wires are trapped between the plate and the wall. Do not overtighten the screws. (Fit screw covers + clip-on)

- 9) Once work has been completed correctly, replace the fuse for the circuit, switch the power back on, and test.

The product is now ready for use.

* Note - If your installation uses a four lug metal mounting box, remove the top and bottom lugs or bend fully back.

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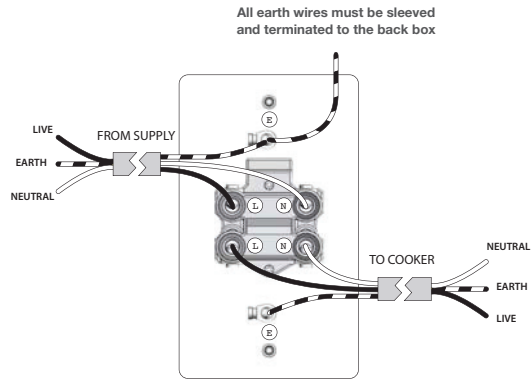
Installation Information

45 Amp Double Pole Switch - Double Plate

This product has no cable entry, and should only be used for "hard" wired installations. Connect the cables as shown in the diagram.

NOTE

This product must be connected to a separate 45 Amp protected radial circuit.



45 Amp Double Pole Switch - Single Plate

This product has no cable entry, and should only be used for "hard" wired installations. Connect the cables as shown in the diagram.

NOTE

This product must be connected to a separate 45 Amp protected radial circuit.

