



Technical Data

20 Amp Switches - Standard Rocker

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:

- Captive terminal screws
- Minimum mounting box depth 25mm
- Concealed fixing screws
- 20 Amp Switches Manufactured to BS EN 60669-1
- Terminal capacity 3×2.5mm² , 2×4.0mm² & 1×6.0mm²

Product Images

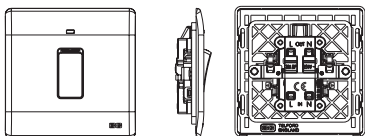


PCWH31

Technical Specifications

Standard(s)	BS EN 60699-01
Rating	20 Amp, 250V-
Switch Type	Double Pole
Contact Gap	3.0mm minimum
Terminal Capacity – L & N	3×2.5mm ² , 2×4.0mm ² & 1×6.0mm ²
RoHS Directive	No
WEEE Directive	No
Mounting Box Depth(Min)	25mm
Fixing Centres	60.3mm
Size	86mm×86mm×29mm

Line Diagrams



PCWH31

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Packaging Information

Cat No.	Description	Packaging Type			Pack Quantity		
		Product	Inner Box	Outer Box	Each	Inner Box	Outer Box
PCxx31	20A Double Pole + Power Indicator	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
PCxx31	20A DP	2.35x11.5x22	9.5x15x18.5	21.5x32.5x51	74	815	8770	0.036

Barcodes

Cat No.	Description	White (WH)			Champagne (CH)		
		Product	Inner Box	Outer Box	Product	Inner Box	Outer Box
PCxx31	20A DP	5050765039536	5050765039857	5050765040174	5050765041393	5050765041669	5050765041393

Barcodes

Cat No.	Description	Silver (SL)			Pearl White (PW)		
		Product	Inner Box	Outer Box	Product	Inner Box	Outer Box
PCxx31	20A DP	5050765102629	5050765102674	5050765102728	5050765103695	5050765103749	5050765103794

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.

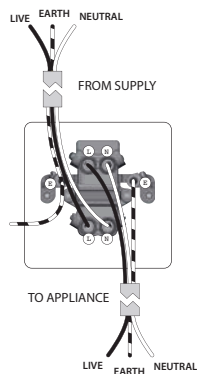
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Installation Information

20 Amp Switch Without Flex Outlet

This product has no cable entry, and should only be used for "hard" wired installations.

Connect the cables as shown in the diagram.



All earth wires must be sleeved and terminated to the back box