



Technical Data

45 Amp Double Pole Switches

Brief product description:

The screwless slim line design in a range of finishes will blend with any décor - suitable for domestic or commercial installations.

Features:

- Fixed integrated plastic gasket to protect metal edges from moisture
- Under 5mm thick
- Flat profile with rounded edges
- Available in 4 metal finishes
- Secure easy "Clip on, Clip off frontplate design
- Chrome range has choice of 2 insert colours
- Colour coded terminals with backed out captive screws for easy installation
- 2 Earth terminals
- Flush Neon Indicator

Product Images

Black Nickel



Brushed Steel



Polished Brass



Polished Chrome

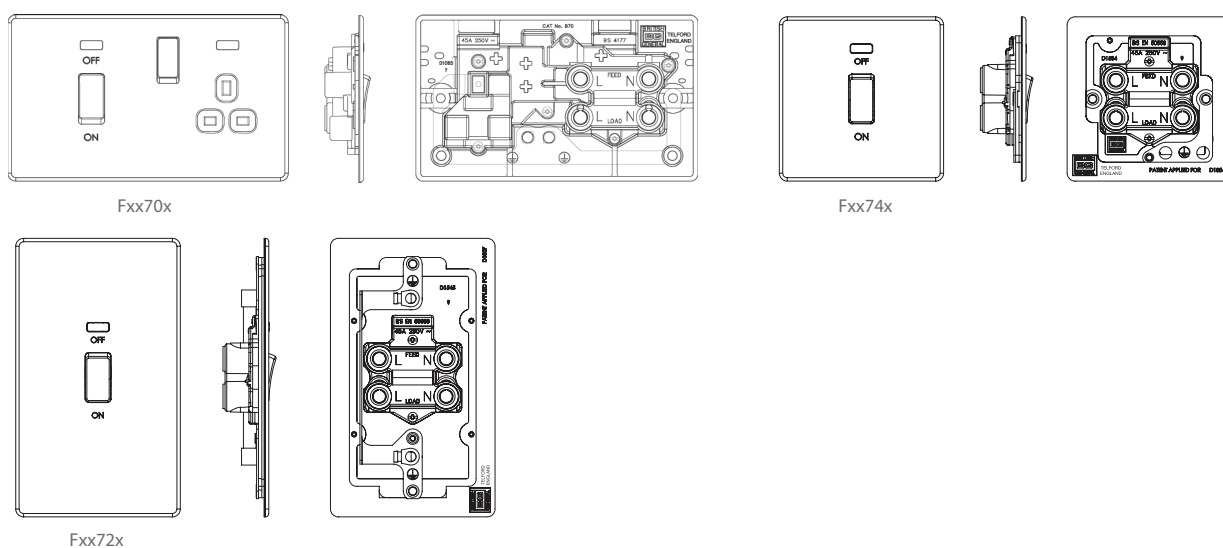


45 Amp Double Pole Switches

Technical Specifications

Standard(s)	BS 4177
Rating	45 Amp 250V~
Switch type	Double pole
Contact Gap	3.0mm minimum
Terminal Capacity - L & N	4 x 4.0mm ² 3 x 6.0mm ² 1 x 16.0mm ²
Terminal Capacity - Earth	3 x 4.0mm ² 2 x 6.0mm ² 1 x 16.0mm ²
RoHS Directive	No
WEEE Directive	No
Mounting Box Depth(Min)	47mm
Fixing Centres	60.3mm (Fxx74x product) 120.6mm (Fxx70x product) 120.6mm vertical (Fxx72x product)
Size	87.4mm x 87.4mm x 29.3mm (Fxx74x product) 147.9mm x 87.4mm x 31.8mm (Fxx70x product) 147.9mm x 87.4mm x 29.3mm (Fxx72x product)

Line Diagrams



Weights & Dimensions

Cat No.	Description	Pack Quantity			Dimension (W x L x H) cm			Weight (g)			CMB (m ³)
		Each	Inner Box	Outer Box	Product	Inner Box	Outer Box	Each	Inner Box	Outer Box	Outer Box
Fxx70x	45A DP C.C.U	1	5	50	3.3 x 9 x 15.2	16 x 18 x 9.8	33.5 x 52.5 x 19				
Fxx72x	45A DP SWT & NEON	1	5	50	3.3 x 9 x 15.2	16 x 18 x 9.8	33.5 x 52.5 x 19				
Fxx74x	45A DP SWT & NEON	1	10	100	3.3 x 9 x 9.2	20 x 18 x 9.8	41.5 x 52.5 x 19				

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Packaging Information

Cat No.	Description	Barcode			Cat No.	Description	Barcode		
		Individual	Inner Box	Outer Box			Individual	Inner Box	Outer Box
FBS70G	45A DP C.C.U	5050765006361	/	/	FBS72	45A DP SWT	5050765006385	/	/
FPC70G	45A DP C.C.U	5050765005432	/	/	FPC72	45A DP SWT	5050765005456	/	/
FPC70W	45A DP C.C.U	5050765005449	/	/	FPB72	45A DP SWT	5050765018623	/	/
FPB70B	45A DP C.C.U	5050765008563	/	/	FBN72	45A DP SWT	5050765006873	/	/
FBN70B	45A DP C.C.U	5050765006866	/	/	FBS74	45A DP SWT	5050765006392	/	/
FPB74	45A DP SWT	5050765018630	/	/	FPC74	45A DP SWT	5050765005463	/	/
FBN74	45A DP SWT	5050765006880	/	/					

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)



Technical Helpline: 0845 194 7584
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.

Decorative Front Plate Fixing

Fixing method varies depending on which product range is supplied. Always ensure wall surface is reasonably flat and smooth, with no bumps or projections.

Metal Front plates WITH screw fixing holes. These products comprise main unit with integral front plate and rear gasket. Fix unit to back box using two fixing screws supplied.

Front plates WITHOUT screw fixing holes. These products comprise main unit with integral gasket, and front plate as separate item. Fix unit to back box using two fixing screws supplied.

Clip front plate onto main assembly, ensuring screwdriver notch is located bottom right hand corner. To remove plate, place medium size flat bladed screwdriver in notch and lever off against gasket.

For all Decorative Plates - It is essential the gasket is fitted between product and wall, to reduce possibility of discolouration of front plate edges due to natural moisture in some wall finishes.

To keep the finish of this product, wipe over with soft cloth periodically.

All Decorative products MUST have an earth connection between the front-plate and back box

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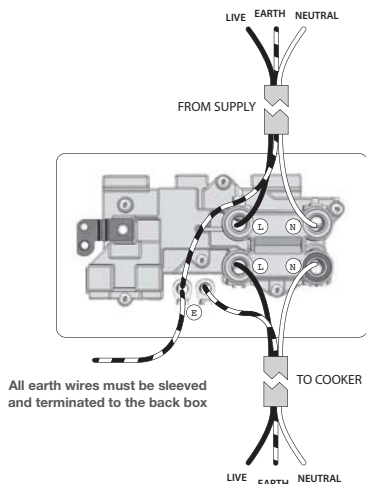
Installation Information

45 Amp Double Pole Cooker Control Unit

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.

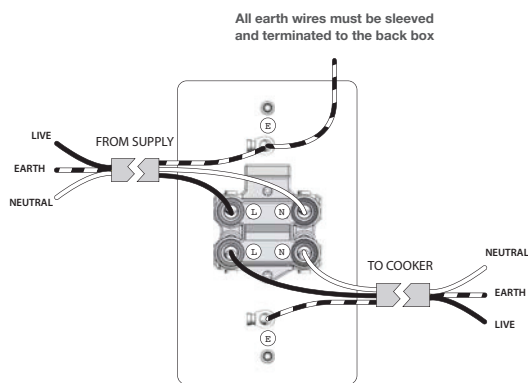


45 Amp Double Pole Switch - Double Plate

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.

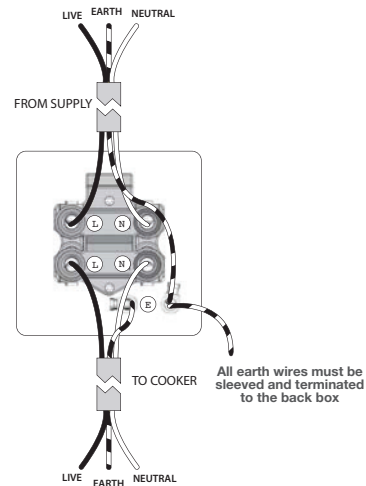


45 Amp Double Pole Switch - Single Plate

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.



To maintain the high quality appearance of decorative finish switches and sockets, BG Electricals recommend the use of a soft cloth periodically to clean the front face. When installing a decorative product please ensure that the wall is decorated, finished and free of moisture prior to installation. Please note that it can take several weeks for the chemicals in paint or wallpaper paste to become inert. Before this time there is a danger that they will react with the product if it has a metal faceplate.

BG recommends avoiding using, but not restricted to, the substances from becoming in contact with the decorative metal front-plates when cleaning or decorating;

- Adhesive tape, including masking tape
- Solvents
- White spirit
- Multi surface cleaners
- Industrial multipurpose cleaning wipes
- Wet wipes

Using these items like those listed above may cause a degrading effect to the front-plates lacquer/plated finish, although the function will remain unaffected.