



Technical Data

45 Amp Switches

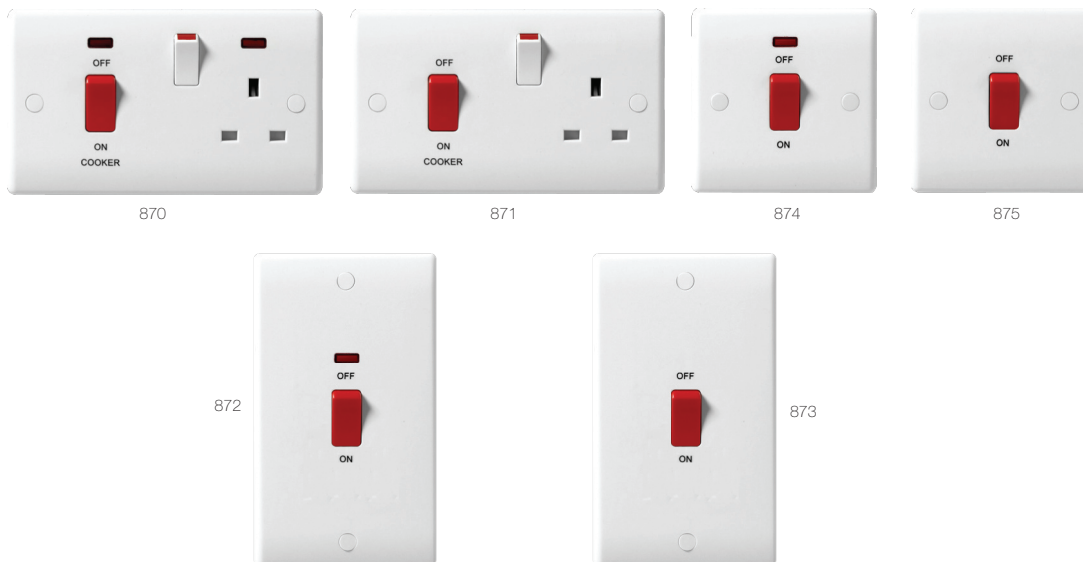
Brief product description:

The subtle design will blend with any décor - suitable for domestic or commercial installations.

Features:

- Stylish modern profile
- Covers to conceal fixing screws
- Colour coded terminals for easy installation
- 2 earth terminals
- Flush Neon Indicator on 870, 872 & 874
- Supplied with spacer adaptor plate

Product Images

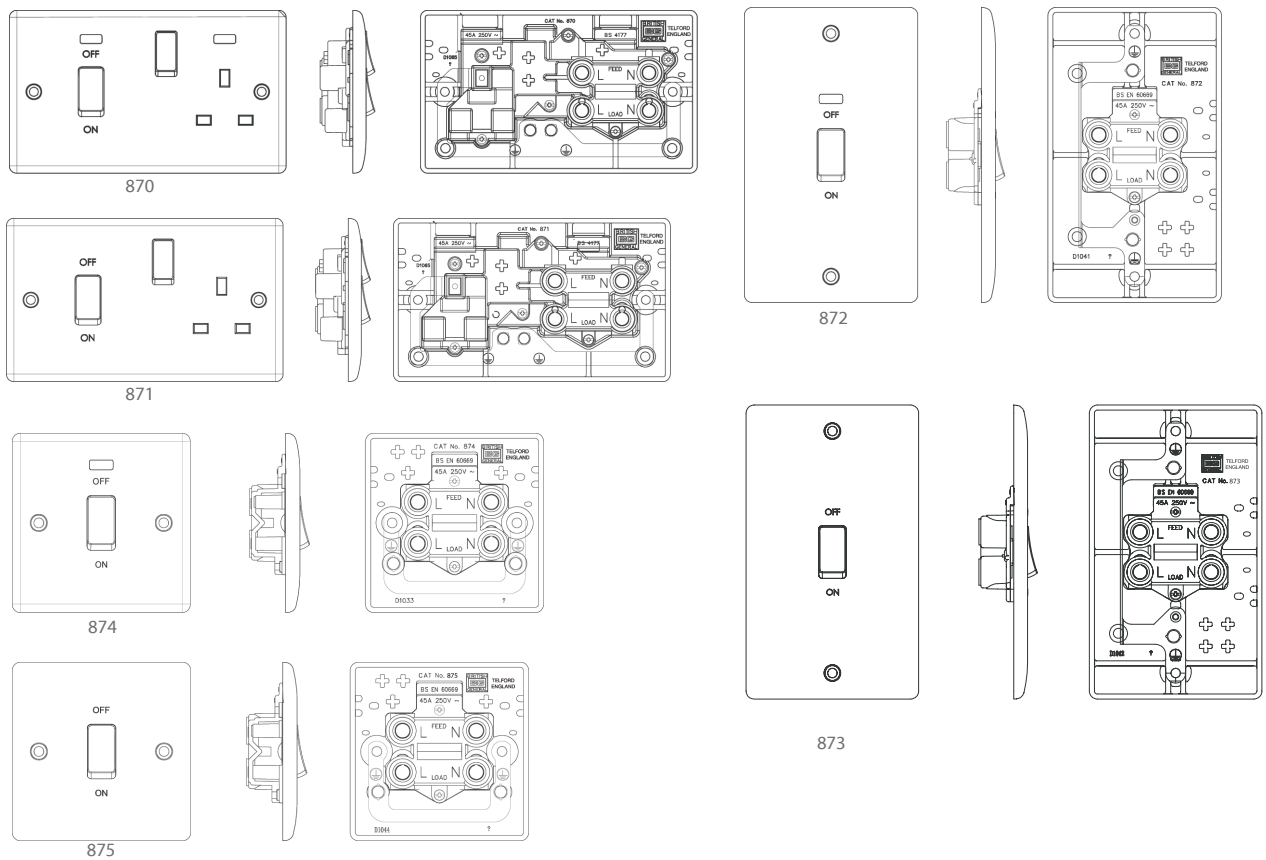


Technical Specifications

| | |
|---------------------------|---|
| Standard(s) | BS 4177 (870, 871 products) |
| | BS EN 60669 (872, 873, 874, 875 products) |
| 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 |
| RoHS Directive | No |
| WEEE Directive | No |
| Mounting Box Depth(Min) | 47mm |
| Fixing Centres | 60.3mm (874, 875 products) |
| | 120.6mm (870, 871 products) |
| | 120.6mm vertical (872, 873 products) |
| Size | 146.5mm x 86mm x 31.8mm (870, 871 products) |
| | 146.5mm x 86mm x 29.3mm (872, 873 products) |
| | 86mm x 86mm x 29.3mm (874, 875 products) |

45 Amp Switches

Line Diagrams



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 |
| 870 | 45A CCU + Neon | Nexus PolyBag | Nexus Inner | Nexus Outer | 1 | 5 | 50 | 5050765001755 | | |
| 871 | 45A CC | Nexus PolyBag | Nexus Inner | Nexus Outer | 1 | 5 | 50 | 5050765001786 | | |
| 872 | 45A Sw + Neon | Nexus PolyBag | Nexus Inner | Nexus Outer | 1 | 5 | 50 | 5050765001816 | | |
| 873 | 45A Sw | Nexus PolyBag | Nexus Inner | Nexus Outer | 1 | 5 | 50 | 5050765001847 | | |
| 874 | 45A Sw + Neon | Nexus PolyBag | Nexus Inner | Nexus Outer | 1 | 10 | 100 | 5050765001878 | | |
| 875 | 45A Sw | Nexus PolyBag | Nexus Inner | Nexus Outer | 1 | 10 | 100 | 5050765001908 | | |

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 |
| 870 | 45A CCU + Neon | 9.2 x 15.2 x 3.53 | 14.5 x 15 x 9.2 | 30 x 49.5 x 16 | 119.5 | 1102 | 11500 | xxxxxxxx |
| 871 | 45A CC | 9.2 x 15.2 x 3.53 | 14.5 x 15 x 9.2 | 30 x 49.5 x 16 | 129 | 1406 | 11200 | xxxxxxxx |
| 872 | 45A Sw + Neon | 9.2 x 3.53 x 15.2 | 15 x 18 x 9.2 | 39 x 49.5 x 16 | 134 | 1450 | 11300 | xxxxxxxx |
| 873 | 45A Sw | 9.2 x 3.53 x 15.2 | 15 x 18 x 9.2 | 39 x 49.5 x 16 | 144 | 1500 | 11400 | xxxxxxxx |
| 874 | 45A Sw + Neon | 9.2 x 9.2 x 3.53 | 15 x 18 x 9.2 | 31 x 49.5 x 16 | 157 | 1324 | 13900 | xxxxxxxx |
| 875 | 45A Sw | 9.2 x 9.2 x 3.53 | 15 x 18 x 9.2 | 31 x 49.5 x 16 | 112 | 1324 | 13800 | xxxxxxxx |

45 Amp Switches

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 Slewing

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.

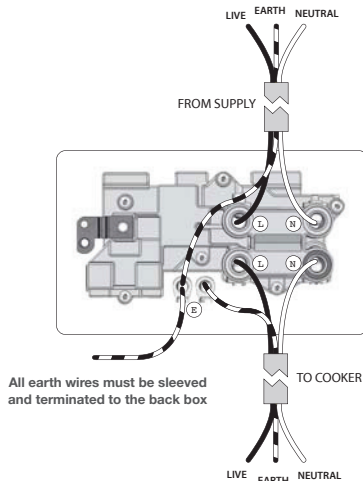
* Note - If your installation uses a four lug metal mounting box, remove the top and bottom lugs or bend fully back.

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.

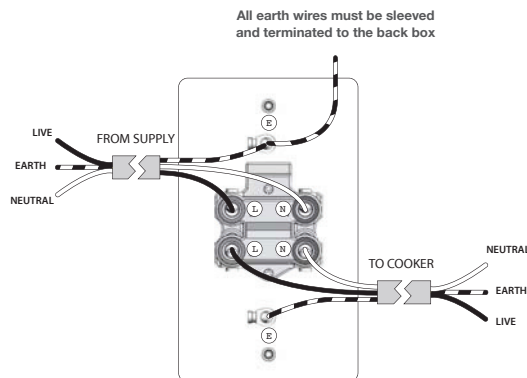


45 Amp Double Pole Switch - Double Plate

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.

