

45 Amp Wiring Instructions



For:
**45 Amp Double
Pole Switches**

**45 Amp Cooker
Connection Plate**

**45 Amp Cooker
Control Unit**

Safety Instructions 1

To eliminate the risk of electric shock always ensure the mains electricity supply is off before commencing work.

Do not install or work on this product live.

This product should be installed in accordance with the current Wiring Regulations (BS 7671)

Warning:- Electricity can be dangerous, if in any doubt consult a qualified electrician.

Always ensure that:

1. All connections are made as per these instructions.
2. Cables are not stressed
3. Terminal screws are fully tightened.
4. All sockets are earthed and earth conductors are adequately sleeved.
5. All electrical connections are correct and fully secured and that plates are screwed securely to their mounting boxes before the mains electricity supply is switched on.
6. That the maximum rated current of the switch or socket is not exceeded.

2

Installation 1

1. Remove front-plate fixing screws from their location on the back of the front-plates. For Cooker Connection Plate unscrew fixing screws to remove front plate from metal mounting plate.

2. Ensure the mounting box is firmly secured.

3. Strip back LOAD and SUPPLY outer cable sheaths and trim wires to the appropriate length to allow cable ends to reach the terminals. **.N.B.** LOAD cables are those going to the appliance and SUPPLY cables are those coming from the distribution board.

4. Strip red and black insulation so that terminal screw does not clamp on to insulation - the terminal screw must clamp on to copper conductor.

5. Slide a length of green/yellow insulating sleeve on to a bare earth wire.

6. If the plate has cable clamps loosen off the clamps and thread the cables through.

7. Insert the stripped ends of the cables into their respective terminals, as shown in the diagrams overleaf, and securely tighten the terminal screws.

N.B. Always ensure that: Red wires are connected to the Live terminals marked L. Black wires are connected to the Neutral terminals marked N. Bare earth wires (with green/yellow sleeves) are connected to the Earth terminals marked \perp .

If an Earth terminal is present on the mounting box connect a length of green/yellow sleeved wire between this and one of the Earth terminals on the plate.

3

Installation 4

8. Tighten up any cable clamps present and carefully push the wired unit into the mounting box, making sure that cables are not pinched or trapped.

9. Locate and tighten plate fixing screws making sure not to overtighten the screws.

Before use the completed installation should be tested according to IEE Wiring Regulations by a qualified electrician.

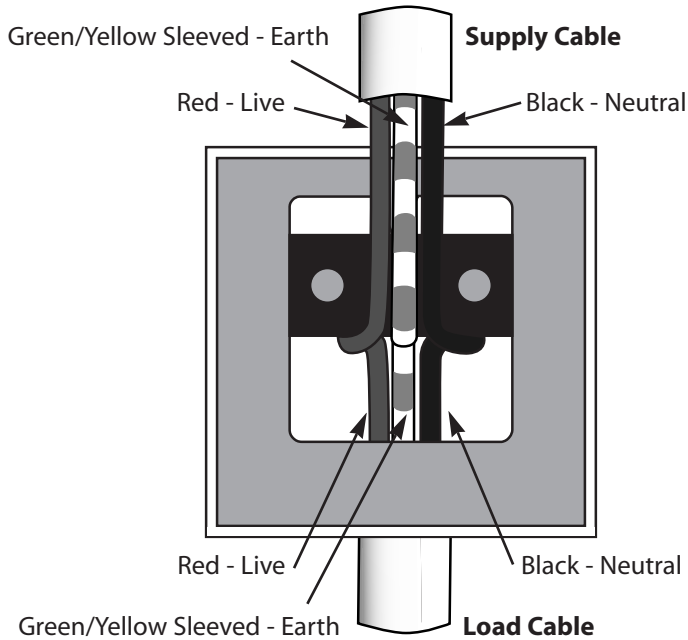
COMPLIANCE WITH E.U. DIRECTIVES

The 45A Switches conform to BS EN 60669-1=2000.

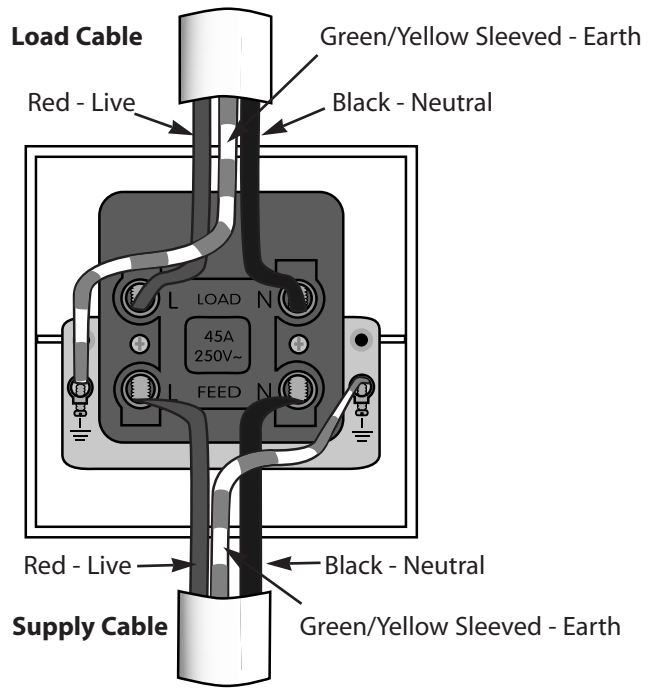
Cooker Control Units conform to BS 4177: 1992.

Cooker Connection Plate to BS 5733: 1995. All comply with the EMC and LV directives 89/336/EEC and 73/23/EEC respectively.

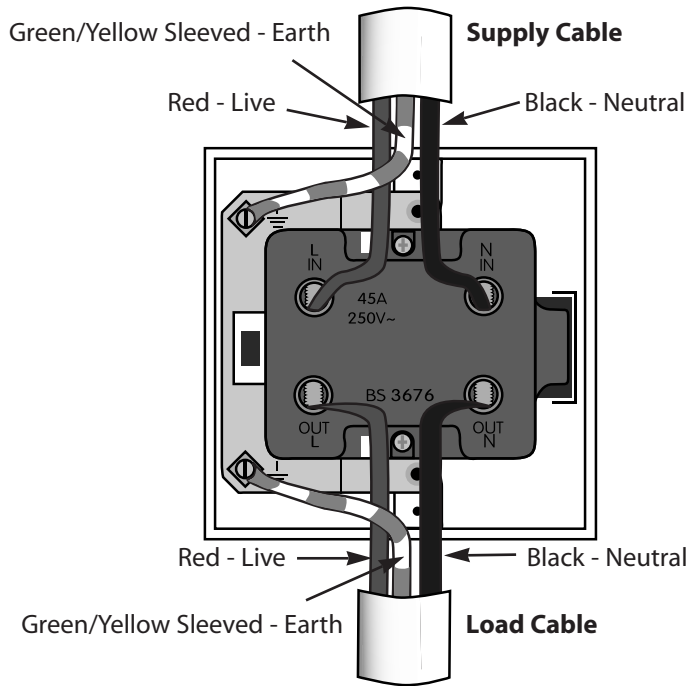
45 Amp Cooker Connection Plate



45 Amp Double Pole Switch



45 Amp Double Pole Ceiling Switch



45 Amp Cooker Control Unit

