

# 32A Double Pole Switches

# 45A Double Pole Switches

# Cooker Control Units



## Contents

A Safety Instructions	2
B Recommended MK Box List Numbers	4
C Installation	5
D Disposal Instructions	13
E Guarantee	14

Please leave this leaflet with the end user for future reference

41136PL Ed.4

## A. SAFETY INSTRUCTIONS

- To prevent the risk of electrocution it is essential to turn off the mains electricity supply before commencing work.
- Do not work on this product live.
- To ensure a safe installation;
  - this product should be installed by a competent person (e.g. a qualified electrician) in accordance with these instructions and the appropriate clauses of the current edition of the IEE Wiring Regulations (BS 7671).
  - it is essential that all connections are made as instructed, that cables are not stressed and that terminal screws are fully tightened.
  - all sockets must be earthed and the earth leads adequately sleeved.
- Ensure that all electrical connections are correct and fully secured and that the product is screwed securely to its mounting box before turning the mains electricity supply on.
- To prevent fire hazard **do not exceed the maximum rated current of the switch or socket.**

Refer to the product packaging for the type of switch/unit being installed.

All switches/units should be mounted on boxes according to the size of conductor cable used (see section B).

2

3

## B. RECOMMENDED MK BOX LIST NUMBERS

Switch/ Unit List No.	Cable Size	Flush Mounting		Surface Mounting	
		1 Gang	2 Gang	1 Gang	2 Gang
K5105	6mm <sup>2</sup>	866ZIC	–	K2140	–
	10mm <sup>2</sup>	877ZIC	–	K2031	–
K5205, K5215	6mm <sup>2</sup>	–	886ZIC	–	K2172
	10mm <sup>2</sup>	–	878ZIC	–	K2172
K5012	6mm <sup>2</sup>	K5120	K5120	–	–
	10mm <sup>2</sup>	K5120	K5120	–	–
K5060, K5061	6mm <sup>2</sup>	–	886ZIC	See Note 1	
	10mm <sup>2</sup>	–	878ZIC		
K5011		K5120	K5120	See Note 2	

Note 1: If you require surface mounted K5060 or K5061, use K5040 or K5041 respectively.

Note 2: If you require surface mounted K5011, use K5001.

4

## C. INSTALLATION

### IMPORTANT

Refer to safety instructions before starting work (Section A).

#### A. Products supplied with a mounting box

- Separate the lid accessory from the box by removing the two fixing screws.
- Remove appropriate knock-outs from the box for incoming and outgoing cables as required. It is good practice on metal boxes to fit a grommet where conduit is not used.
- Fix box securely to the wall.

#### B. Products without mounting box

- Remove frontplate fixing screws from their location on the back of the frontplate, or from the plastic strip attachment.

- Ensure the mounting box is firmly secured to the wall.

#### Electrical Connections

- Strip back LOAD and SUPPLY outer cable sheaths and trim wires to the appropriate length to allow cable ends to reach the terminals.
- Carefully strip red and black insulation by 20mm (0.8 inches).
- Slide a length of green/yellow insulating sleeve on to a bare earth wire.

#### IMPORTANT

**SUPPLY cables are those coming from the distribution board. LOAD cables are those going to the appliance.**

5

6

## C. INSTALLATION (Cont.)

You must connect the wires to the correct terminals.

The red wires must be connected to the appropriate terminals marked L.

The black wires must be connected to the appropriate terminals marked N.

The bare wires (sleeved green/yellow) must be connected to the appropriate earth terminal marked E.

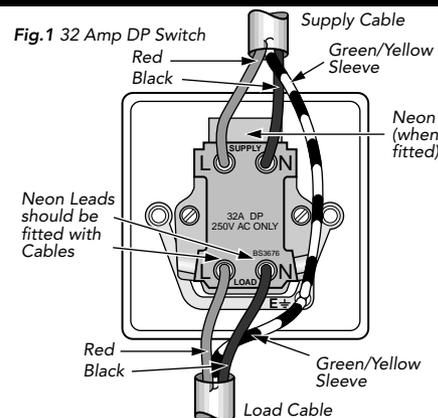
Where a mounting box earth terminal is provided, connect a length of green/yellow sleeved wire between this terminal and the earth terminal on the unit.

When neons are fitted, one lead should be connected to 'L' and the other to 'N'. Neon leads are not colour coded as it does not matter which way round they are fitted.

- Insert the bared ends of the wires into their appropriate terminals and securely tighten both terminal screws (see Fig.1) ensuring all conductors are clamped.
- Carefully push wired unit back into the mounting box, ensuring cables are not trapped or pinched.
- Locate and tighten frontplate fixing screws. Do not overtighten screws, to do so may damage frontplate or box threads.

The completed installation should be tested in accordance with the current IEE Wiring Regulations by a qualified electrician.

If in any doubt, contact MK Technical Sales Service Department. Telephone 01268 563720.



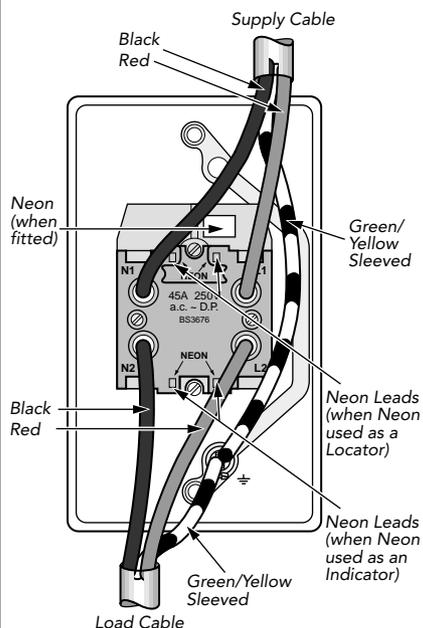
7

8

9

## C. INSTALLATION (Cont.)

Fig. 2 45 Amp DP Switch

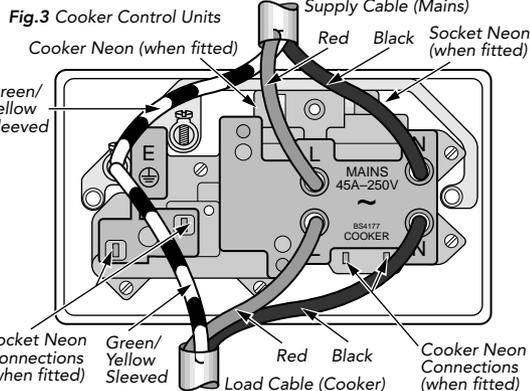


### Note

Locator - means the neon is energised all the time the supply cables are live.

Indicator - means the neon is only energised when the switch is 'on'

13



11

## E. GUARANTEE

The Company undertakes to replace or repair at its discretion this product should it become defective within a period of 20 years after delivery solely as a result of faulty materials and/or workmanship. Understandably if the product has not been installed or maintained in accordance with the Company's instructions, has not been used appropriately or if any attempt has been made to rectify, dismantle or alter the product in any way the guarantee will be invalidated.

This Guarantee states the Company's entire liability. It does not extend to cover consequential loss or damage or installation costs arising from the defective product. This Guarantee does not restrict or infringe the normal statutory or other rights of the consumer.

14

## D. DISPOSAL INSTRUCTIONS

At the end of its useful life, the products and packaging can be safely disposed of via standard refuse facilities.

If in any doubt about the correct installation of these products, contact MK Technical Sales Service Department. Telephone 01268 563720.

12

## COMPLIANCE WITH E.U. DIRECTIVES

The 32A and 45A Switches conform to BS 3676 Pt.1: 1989, the Cooker Control Units conform to BS 4177: 1992. All are manufactured in accordance with BS EN ISO 9002 and comply with the EMC and LV directives 89/336/EEC and 73/23/EEC respectively.

15

MK Electric Limited wishes to make it clear that it owns all the original designs of the products which it manufactures (whether or not listed in this leaflet) and that it will take all necessary legal action in any part of the world against any party found to be manufacturing, distributing, selling or otherwise dealing with any article which infringes the company's intellectual property in its own products, or any other right of the company therein.

16

## USEFUL INFORMATION

PLEASE LEAVE THIS LEAFLET WITH THE END USER FOR FUTURE REFERENCE.

### INSTALLER/ELECTRICIAN

Name .....

Address .....

Telephone Number .....

### LOCAL ELECTRICITY BOARD

Contact .....

Telephone Number .....

### LOCAL MK STOCKIST

Name .....

Telephone Number .....

17



It's simply safer to say MK™

MK Electric Limited  
The Arnold Centre, Paycocke Road, Basildon, Essex SS14 3EA  
Telephone 01268 563000 Facsimile 01268 563563 (UK Sales)  
Facsimile 01268 563360 (International)  
email: more@mkelectric.co.uk  
Web site: www.mkelectric.co.uk

All marks in this document identified with a ® or ™ symbol adjacent to the mark are Trade Marks of MK Electric Limited

18