

10amp 3 Pole Fan Isolator

Complies with BS EN 60947-3

Please keep this leaflet for future reference



SAFETY INSTRUCTIONS

- This product must be installed by a competent person in accordance with the current editions of the IEE Wiring Regulations (BS7671) and Buildings Regulations. If in any doubt, consult a qualified electrician.
- The 3 Pole Fan Isolator can be installed in bathrooms, but only under the strictest of conditions. It must be out of reach of any person using the bath or shower. For guidance see the current edition of the IEE wiring regulations (BS 7671).
- To prevent electrocution, do not work on any appliance live. Switch off the mains supply before commencing work.
- If this product has a metal front plate it must be earthed.
- To prevent fire hazard do not exceed the rated current.
- When mounted using a metal back box the following minimum box depths should be used: -
With a front plate of 9mm depth or greater - 16mm.
With a front plate of less than 9mm depth - 35mm.

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The back box for products having front plates less than 9mm deep needs to be installed 6 to 10mm sub-flush to the wall surface.

- Product and packaging should be disposed of via standard refuse facilities at the end of their life.

PRODUCT FEATURES

This product is intended for use with extractor fans with or without a timer.

It enables the fan to be isolated and subsequently disconnected for repair or maintenance.

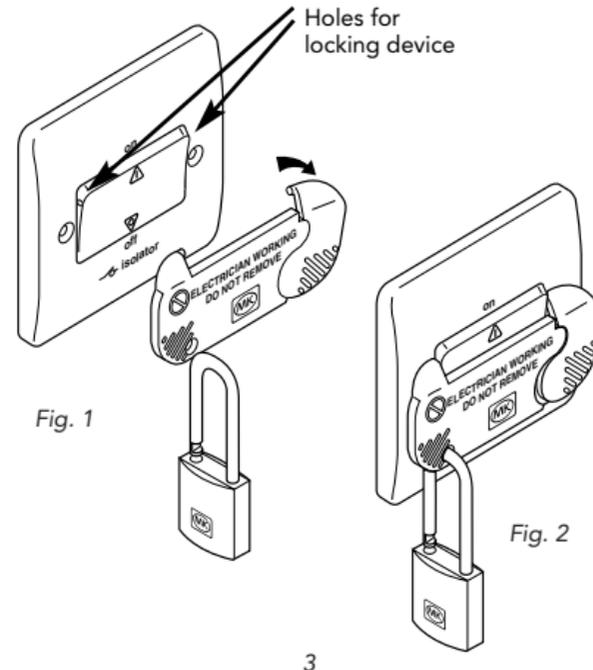
The switch has provision for a locking device (K4858 if bought separately) to ensure that it cannot be accidentally switched back on.

When the switch is in the off position, a hole at each end of the switch actuator is exposed (fig. 1). The lugs in the jaw of the locking device must be fully engaged in the holes to ensure correct operation and fitment of padlock (fig. 2).

INSTALLATION GUIDE

- Some products have the fixing screws clipped to the rear of the product. These should be unclipped.
- If replacing an existing isolator unit, always take careful note of the cables and any terminal markings there may be before removing the old unit. This should make it far easier to install the new product.

2



3

- Strip back the outer sheath on both load and supply cables, then trim wires to approximate length to allow the cable ends to reach the terminals.

SUPPLY cables are those from the distribution board, LOAD cables are those going to the fan.

- Carefully strip back the inner insulation of all cables to expose 8mm of the conductor.
- If an earth lead is present, slide a length of green/yellow sleeving onto the bare earth conductors.
- Connect the cables to the correct terminals, as shown in either Figure 3 or 4 as appropriate. It can be seen that the main difference is dependent on the circuit having a timer, but the circuit may also be with or without a lamp. Please also ensure the circuit complies with that from the fan manufacturer.
- Please note; the colour codes used in the UK prior to April 2004 are as follows:-

RED	= terminal marked 'L'
BLACK	= terminal marked 'N'
GREEN/ YELLOW	= terminal marked '⊕'

4

In all other areas of the EU, as well as new build installations in the UK after April 2004, the colour codes used are: -

BROWN	= terminal marked 'L'
BLUE	= terminal marked 'N'
GREEN/YELLOW	= terminal marked '⊕'

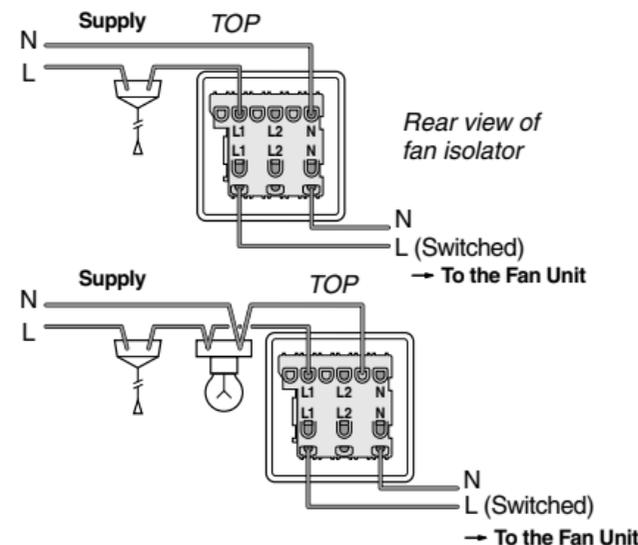
8. A length of green/yellow sleeved wire must be connected to the earth terminal in the mounting box.
9. Tighten all terminal screws securely.
10. Carefully push the wired unit back into the back box, ensuring the cables are not trapped or pinched.
11. Using the fixing screws provided, mount the switch onto the back box. Do not over tighten, so as to prevent damage or distortion to the front plate. Adjust so the front plate is square on the wall.

CLEANING FRONT PLATES

In order to protect the quality surface finish of the front plate, periodically clean with a dry lint free soft cloth. On no account should abrasive or domestic cleaners be used.

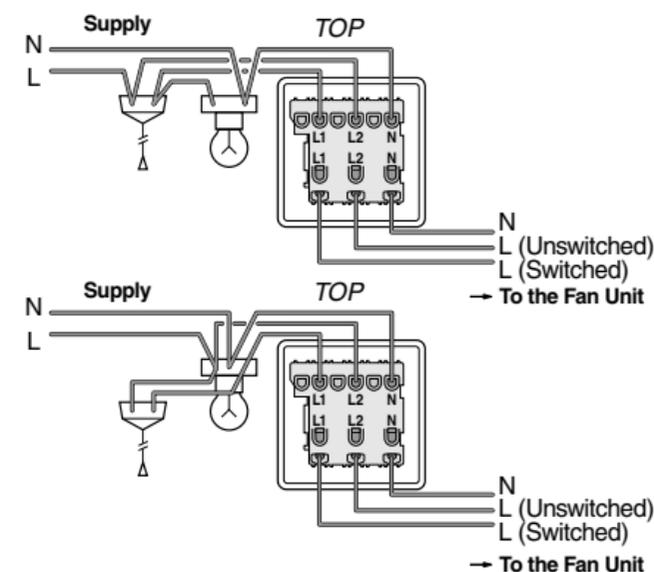
5

Fig. 3 Two Pole switching for fan units **without a timer**



6

Fig. 4 Three Pole switching for fan units **with a timer**



7



MK Electric
 Novar ED&S Ltd
 The Arnold Centre, Paycocke Road, Basildon,
 Essex SS14 3EA. U.K.
 Tel: +44 (0) 1268 563000
 Fax: 01268 563405 (UK Sales)
 Fax: +44 (0) 1268 563360 (International)
 email: technical@novar.com
 web site: www.mkelectric.co.uk

Technical queries should be made to:
 MK Electric, Technical Sales and Services Department
 The Arnold Centre, Paycocke Road, Basildon, Essex SS14 3EA
 Tel: +44 (0)1268 563720 Fax: +44 (0)1268 563064

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