



# Wiring Accessories

## Fan Isolator Ceiling Switch

For your safety, this product must be installed in accordance with local Building Regulations. **If in any doubt, or where required by the law, consult a competent person who is registered with an electrical self-certification scheme.** Further information is available online or from your Local Authority.

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 or turning off MCB (trip). Wiring should be in accordance with the latest edition of the IET regulations (BS 7671).

To prevent fire hazard always use cable of the correct rating & type for the application.

**Warning do not exceed the load rating of this device as stated on the rear of the product.**

### Wire Identification – Twin & Earth Cable

Note - As from 1st April 2004 new colour codes for hard wire installations were introduced.

**EARTH** = Green/Yellow Slewing

**NEUTRAL** = Black (pre Apr 04) / Blue (after Apr 04)

**LIVE** = Red (pre Apr 04) / Brown (after Apr 04)



## Wiring Instructions

### 1. Power Off

Before commencing work always isolate the power at the consumer unit / fuse box.

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

### 2. Installation

1. Install mounting box (metal or moulded) for either flush or surface mounting, ensuring appropriate size of product (Mounting box to be purchased separately).
2. Select the most suitable entry point of the mounting box (knock-out) and route the cables through.
3. If a metal box is used, a cable grommet should be fitted to the entry point. Cables should be prepared so a sufficient conductor length reaches the terminals.

Strip the ends of the individual conductors leaving an adequate length bare to enter terminals.

### 3. Connection (See diagram)

1. Line up the new accessory to mounting box and take note of where each terminal is located.
  2. Connect each wire to the matching terminal.
- An earth connection should always be made between the mounting box earth terminal and the accessory earth terminal, where fitted.
- All bare earth wires must be sheathed with green/yellow sleeving.
- When connecting the new accessory ensure that only the bare end of the wire enters the terminal and no bare wires are visible.
3. Tighten terminal screws securely. (Do not over tighten)

### 4. Complete Installation & Test

1. Carefully position the accessory into the mounting box, ensuring that no wires are trapped between the plate and the wall and secure with screws (do not over tighten) then insert screw covers (optional).
2. Once the installation has been completed correctly, replace the fuse/reset MCB (trip), switch the power back on at the consumer unit and test.

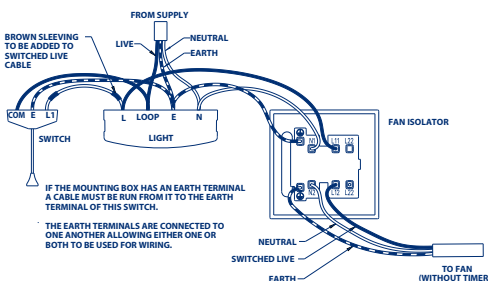
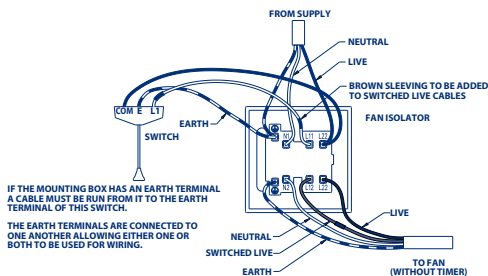
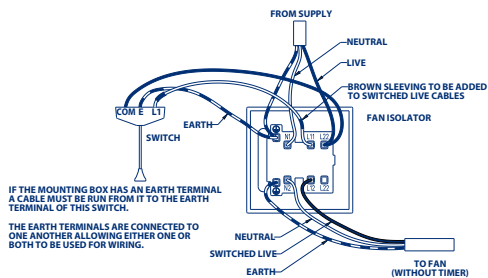
## Fan Isolator – 3 Pole Switch

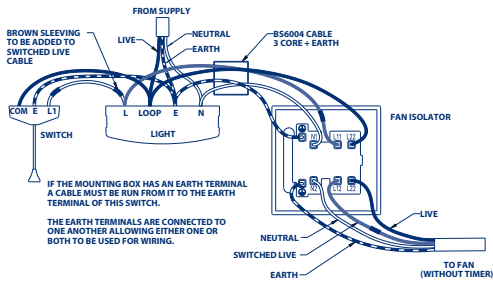
During repair or installation or routine maintenance the power supply to the fan unit must be disconnected. This isolating switch can be installed as shown in the diagrams to enable the remainder of the circuit to remain live. These instructions should be read in conjunction with the instructions supplied with the fan unit and the latest IET Wiring Regulations.

Please follow the appropriate wiring diagram for your particular installation.

### Important

The continuity of the protective conductors must be maintained. The isolator switch shall be so situated as to be inaccessible to a person using a fixed bath or shower.





## Technical

Voltage : 220-240V ac  
 Frequency : 50/60Hz  
 Rating : 10A  
 Terminal capacity : 4 x 1mm<sup>2</sup> 4 x 1.5mm<sup>2</sup> 2 x 2.5mm<sup>2</sup> 1 x 4mm<sup>2</sup>  
 Min box depth (profiled plates) : 25mm

## Batch Code explanation

yyWxx Manufacturing date code, year of manufacture (yy) and week of manufacture (Wxx)

## Address/Helpline

**Luceco PLC**  
 Stafford Park 1  
 Telford TF3 3BD  
 ENGLAND

**(EU) Luceco SE**  
 C/ Bobinadora 1-5  
 08302 Mataró  
 SPAIN

If you have further technical assistance you can get in touch with our

**Technical Helpline on:**

**+44 (0)3300 249 279**

**[technical.support@bgelectrical.co.uk](mailto:technical.support@bgelectrical.co.uk)**

## Environmental Protection



This symbol is known as the "Crossed-out Wheelie Bin Symbol". When this symbol is marked on a product or battery, it means that it should not be disposed of with your general household waste. Some chemicals contained within electrical/electronic products or batteries can be harmful to health and the environment. Only dispose of electrical/electronic/battery items in separate collection schemes, which cater for the recovery and recycling of materials contained within. Your co-operation is vital to ensure the success of these schemes and for the protection of the environment.