

WIRING & OPERATING INSTRUCTIONS

PLATE SWITCHES

TECHNICAL HELPLINE: 0845 194 7584

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

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

EARTH = Green/Yellow Slewing

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

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

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

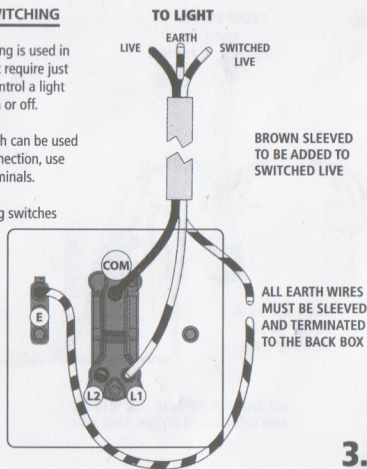
If in doubt consult a competent electrician.

ONE WAY SWITCHING

One way switching is used in installations that require just one switch to control a light (or circuit) i.e. on or off.

A two-way switch can be used for one-way connection, use COM and L1 terminals.

For multiple gang switches (2, 3, 4 & 6) repeat wiring method for each switch.



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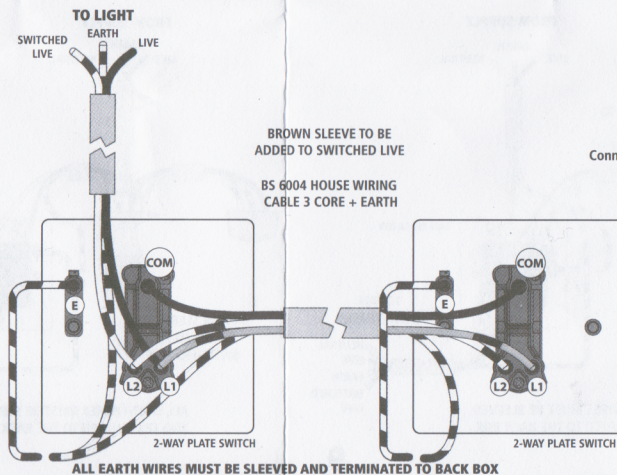
GENERAL INSTALLATION INSTRUCTIONS

- 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 slewing.
- 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 front-plate as appropriate)

TWO WAY SWITCHING

Two way switching is used where a light is controlled by two switches.

For multiple gang switches (2, 3, 4 & 6) repeat wiring method for each switch.

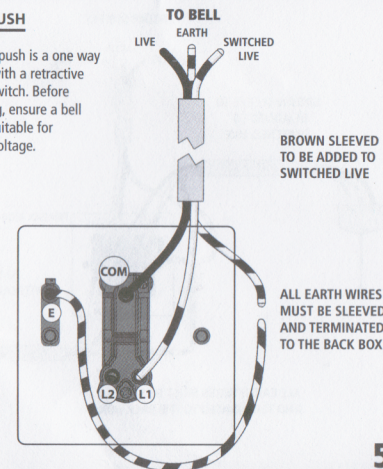


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BELL PUSH

The bell push is a one way switch with a retractive rocker switch. Before installing, ensure a bell unit is suitable for supply voltage.



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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.

DECORATIVE FRONT PLATE FIXING

Fixing method varies depending on which product range is supplied. Always ensure wall surface is reasonably flat and smooth, with no bumps or projections.

Metal Front plates WITH screw fixing holes. These products comprise main unit with integral front plate and rear gasket. Fix unit to back box using two fixing screws supplied.

Front plates WITHOUT screw fixing holes. These products comprise main unit with integral gasket, and front plate as separate item. Fix unit to back box using two fixing screws supplied. Clip front plate onto main assembly, ensuring screwdriver notch is located bottom right hand corner. To remove plate, place medium size flat bladed screwdriver in notch and lever off against gasket.

For all Decorative Plates - It is essential the gasket is fitted between product and wall, to reduce possibility of discolouration of front plate edges due to natural moisture in some wall finishes.

To keep the finish of this product, wipe over with soft cloth periodically.

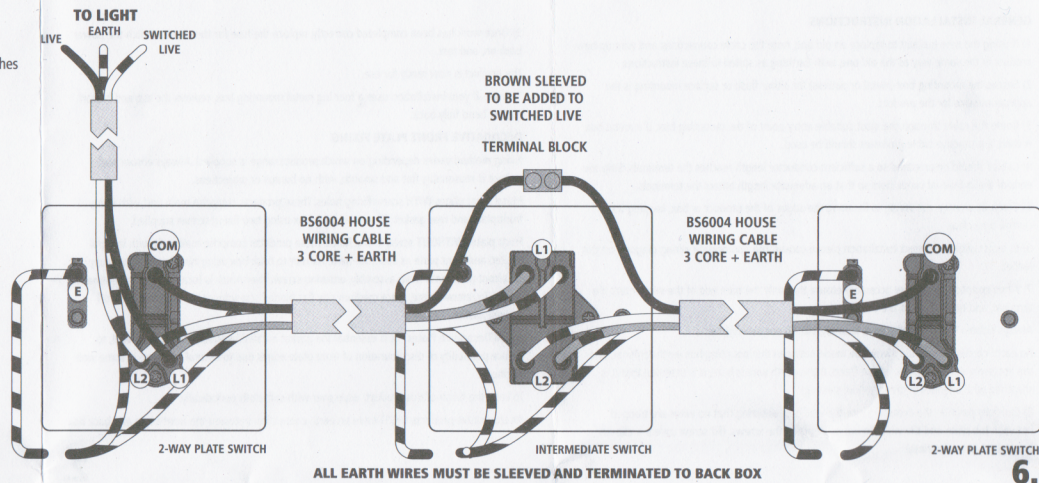
All Decorative products MUST have an earth connection between the front-plate and back box

Connect like for like terminals
COM to COM
L2 to L2
L1 to L1

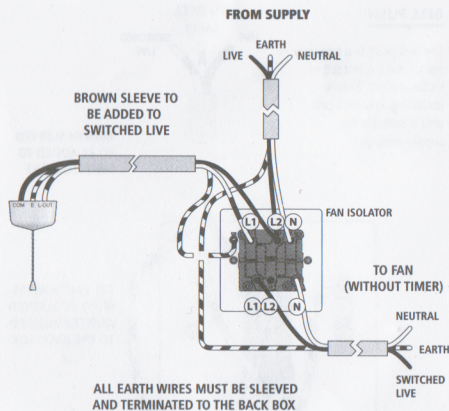
INTERMEDIATE SWITCHING

Intermediate switching is used in installations that require three or more switches to control a light, and should be used together with two 2-way switches.

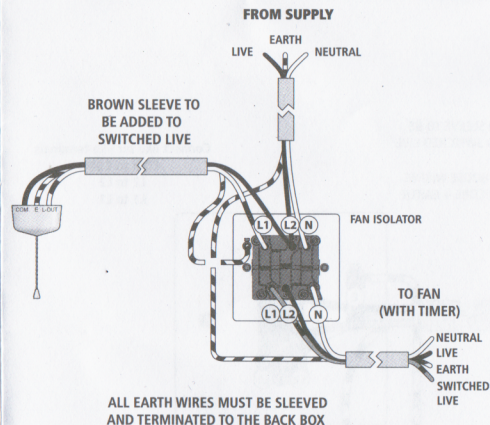
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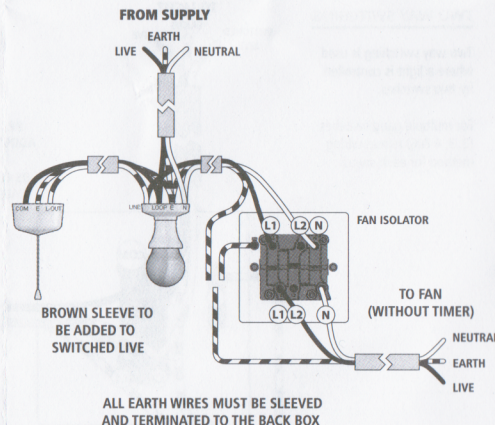
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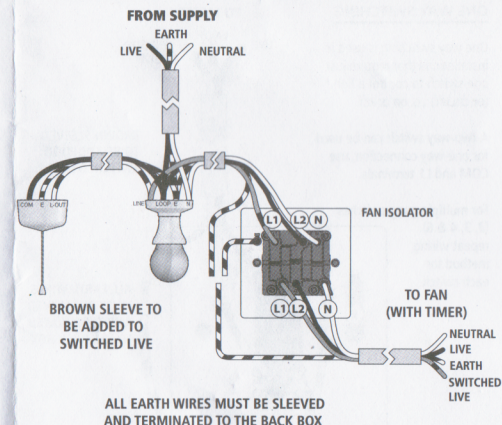
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FAN ISOLATOR - 3 POLE SWITCH

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 IEE Wiring Regulations.

Please follow the appropriate wiring diagram below 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.

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