DIMMER SWITCHES

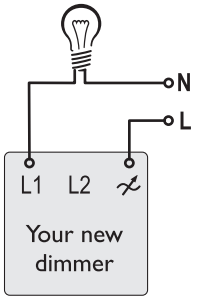
WARNING Never take risks with electrical safety. Always disconnect the mains power before beginning any electrical work and test that it is isolated - it is NOT enough just to turn off the light switch. Electrical products must be installed in accordance with IET regulations (BS 7671). If you are in any doubt, always consult a qualified electrician or an experienced person registered with an electrical Competent Person Scheme. Further information is available online or from your Local Authority. If the lighting circuit is not protected by a Residual Current Device (RCD) then the installation should be carried out and tested by a qualified electrician. If necessary, use a suitable stepladder, but first read the useful advice given by the Health and Safety Executive. Visit *www.hse.gov.uk* and search for *'using stepladders'.*

Your dimmer switch

Our dimmers are available in two main types:

- Standard dimmer - for conventional (tungsten) lamp circuits with power ratings between 60W and 400W.
- LED dimmer - for lower power LED (Light Emitting Diode) lamps, as well as smaller conventional lamp circuits, with power ratings between 5W and 150W.

Both of these two dimmer types are available in our single, double, triple or quad panels. The wiring for each individual dimmer circuit is the same.

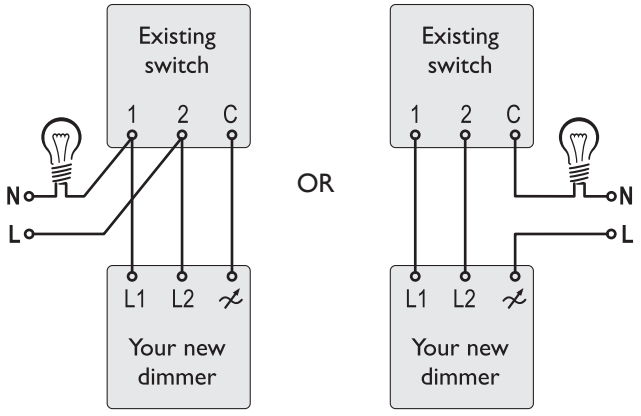


Each dimmer can replace a normal switch in either a 1-way or a 2-way installation.

In a 1-way installation, you simply connect the Live mains feed to the terminal and the wire from the bulb to the L1 (or L2) load terminal.

Note: The earth connections are not shown in these diagrams but they are essential.

In a 2-way installation, such as a landing light that can be switched from downstairs as well as upstairs, the wiring will be achieved in either of two ways:



You need to connect your new dimmer to the circuit in exactly the same way as the switch that it is replacing.

Note: You can only replace one of the existing switches in a 2-way installation, dimmers cannot be used at both ends. This product must be installed in accordance with local building regulations.

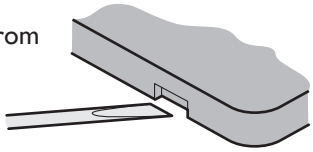
IMPORTANT: If you are in any doubt, STOP and seek professional help. Do not proceed unless you are sure.

1 Ensure that the mains supply to the circuits are isolated. Double check that all channels are dead.

2 Remove the two wall screws that are securing the switch.

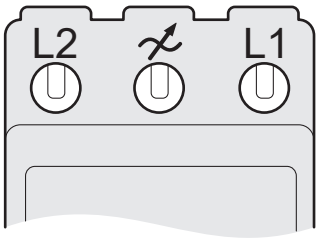
3 Take a photo of the connections to its terminals. Where multiple circuits are grouped together, be sure to correctly identify (and label) the wires that make up each circuit.

4 Disconnect the wires from the existing switch and remove it from the installation.

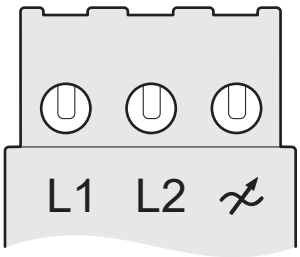


5 (If the cover is already fitted to your new dimmer switch), carefully insert a small flat blade screwdriver into one of the base slots to prise off the front cover.

6 Connect the wires (for each circuit) to your dimmer(s) in accordance with the relevant diagrams shown left. The contacts for both dimmer types are shown below:



LED dimmer connections (for 5W to 150W loads)



Standard dimmer connections (for 60W to 400W loads)

7 Ensure that a valid earth connection is made to the dimmer panel. Ensure that the bare copper earth connections have green/yellow sleeves to isolate them from other connections. Check that all screw terminals are properly tightened and no bare wires are visible.

8 Secure the dimmer panel in place and test it.

9 Place the front cover onto your dimmer panel and fit the supplied knob(s).