

Typical Lighting Circuits

There are two basic types of lighting circuit, so make sure you have the correct dimmerswitch for your lighting circuit.

1. 1-Way Circuits

In 1-way lighting circuits the light or lights are controlled by one switch. Your dimmerswitch replaces this switch and can be a 1-way rotary model (Figure 1), or a 1 or 2 way push-on/push-off model (Figure 2).

(The advantage of a push-on/push-off dimmerswitch is that the dimmer can be switched on and off with a push action, while keeping the lighting at the level you have chosen.)

Remove your old switch and copy the wiring configuration for the dimmerswitch. The wires from your old switch can be connected either way round to the "C" and "L1" terminals of the dimmerswitch. If you are using a push-on/push-off dimmerswitch there is a spare terminal (L2) that you will not need to use for a 1-way circuit.

2. 2-Way Circuits

2-way lighting circuits have two switches turning the same light or lights on and off from two different locations (e.g., at the top and bottom of the stairs). You must only replace one of these switches with a dimmerswitch or the lights will flicker. See Figures 3 and 4 which show typical 2-way circuits. Remove your old switch and copy the wiring configuration for the dimmer.

Remove your old switch and copy the wiring configuration for your dimmerswitch. The wire(s) fitted in the "common" terminal of the old switch should be fitted into the "C" terminal of the dimmerswitch. The wires fitted into the other two terminals of the old switch should be fitted either way round into terminals "L1" and "L2" of the dimmerswitch.

Note: Dimmer switches have "C" next to "L1" & "L2" whereas most switches have "C" at the opposite end to "L1" & "L2".

Multi-Gang Dimmerswitches (with 2, 3 or 4 control knobs)

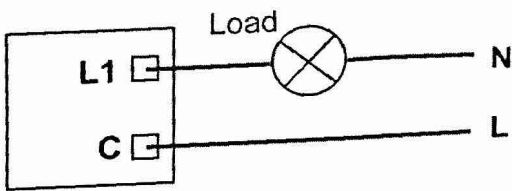
To fit multi-gang dimmerswitches treat each group of terminals at the back of the unit as a separate dimmerswitch wiring them into the lighting circuits as described above. If required, one terminal from each dimmer module may be joined together with a short length of wire to copy the wiring configuration of the old switch.

Wiring Diagrams

Typical 1-way Circuits

(For single dimmerswitches or each module of a multi-gang dimmerswitch)

Figure 1
Using a 1-way Dimmerswitch

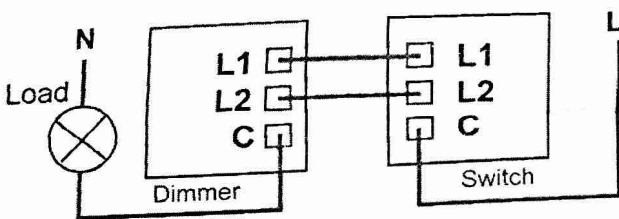


Reconnect the wires either way round to the "C" terminal and the "L1" terminal.

Typical 2-way Circuits

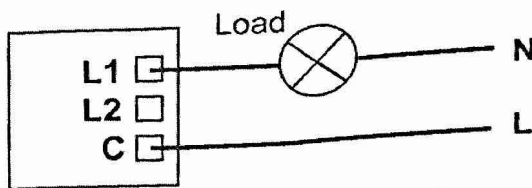
(For single dimmerswitches or each module of a multi-gang dimmerswitch)

Figure 3
Using a 2-way Dimmerswitch



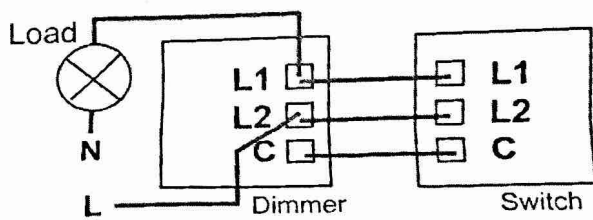
Dimmer must replace only one of the 2-way switches

Figure 2
Using a 1 or 2-way Dimmerswitch



Reconnect the wires either way round to the "C" terminal and the "L1" terminal.

Figure 4
Using a 2-way Dimmerswitch



Dimmer must replace only one of the 2-way switches

GUARANTEE:

In case of any defect, return the dimmer to our service department. Varilight undertakes to repair or replace, at its discretion, goods which have become defective within 12 months of purchase, solely as a result of faulty materials and workmanship, provided that:-

- The unit has been correctly fitted according to the instructions and has not been used with an incompatible load, fluorescent tubes, or overloaded beyond its rating.
- The dimmer module has not been tampered with or taken apart. However, for your convenience, it is perfectly in order to remove a faulty dimmer module from multi-gang dimmers by pulling off the knob and unscrewing the nut under the knob. You will then still have the remaining modules working whilst we service your faulty module.

c) The unit is securely packed and safely returned to:-
Service Department, Carylls Lea, Faygate, Horsham, West Sussex, RH12 4SJ (Tel. (01293) 851584) together with a letter stating the guarantee registration number below, the date and place of purchase, the type and wattage of the lighting or other load being controlled and the details of the fault.

This guarantee states Varilight's entire liability, which does not extend to cover consequential loss or damage or installation costs arising from a defective product. The guarantee does not apply to problems arising from any incompatibility between your lamps and the dimmer switch. This guarantee does not in any way affect the statutory rights of the purchaser and is offered so that you may have the benefit of our technical facilities.

GUARANTEE REGISTRATION NUMBER: 662