

TCP INSTRUCTIONS FOR DIMMER MODULE - DIMSW

Trailing edge microprocessor controlled dimmer module

The module has been developed to be compatible with most UK front plates
Input voltage: 220-250V 50HZ - Operating temperature: 0-40C – CE & ROHS compliant
Overload protected by software with auto reset.
Lagging edge operation for noise free operation.
Soft start, soft stop.

THIS DIMMER IS SUITABLE FOR

Mains voltage 220-250 volts 50Hz
10-250W Incandescent GLS, GU10, or other bulbs
5-100W dimmable LED (10pcs max)

Most dimmable electronic transformers; (derating may be required according to the transformer efficiency.)

THIS DIMMER IS NOT SUITABLE FOR

Motors/Fans/Extractors
Wire-wound or toroidal transformers
Non-dimmable fluorescent bulbs and tubes

SAFETY INSTRUCTIONS

These instructions on wiring and installation are provided as a guide to assist you. Some experience of electrical wiring and do-it-yourself is required to install this light fitting. If at anytime you are unsure of how to proceed, you must consult a qualified electrician. Please read through these instructions before commencing work, and keep them for future reference.

WARNING! Always switch off electricity supply at the mains during installation and maintenance. We recommend that the fuse is withdrawn or the circuit breaker is switched off whilst work is in progress. Do not just turn off at the wall switch. All fittings must be installed in accordance with the current edition of the IEE Wiring Regulations (BS7671) : Requirements for Electrical Installations, Part P of the Building Regulations and appropriate statutory regulations and mounted out of arms reach.

Waste electrical products should not be disposed of with normal household waste. Please recycle at appropriate facility.

Ensure cables/wiring do not get tangled or damaged during installation.

OVERLOAD PROTECTION

This dimmer is protected against overload and auto reset after the overload is removed and the dimmer switched off and back on.

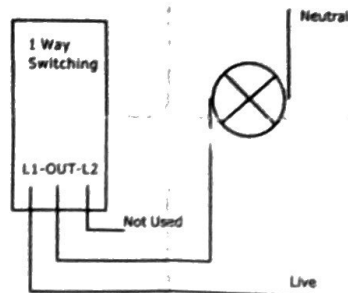
Wiring 1-WAY and 2-WAY SWITCHING

Suitable for 1-way or 2-way lighting circuits. Push on/push off action to switch and a rotary action to dim.

1-WAY CIRCUITS

The dimmer should replace the existing switch.

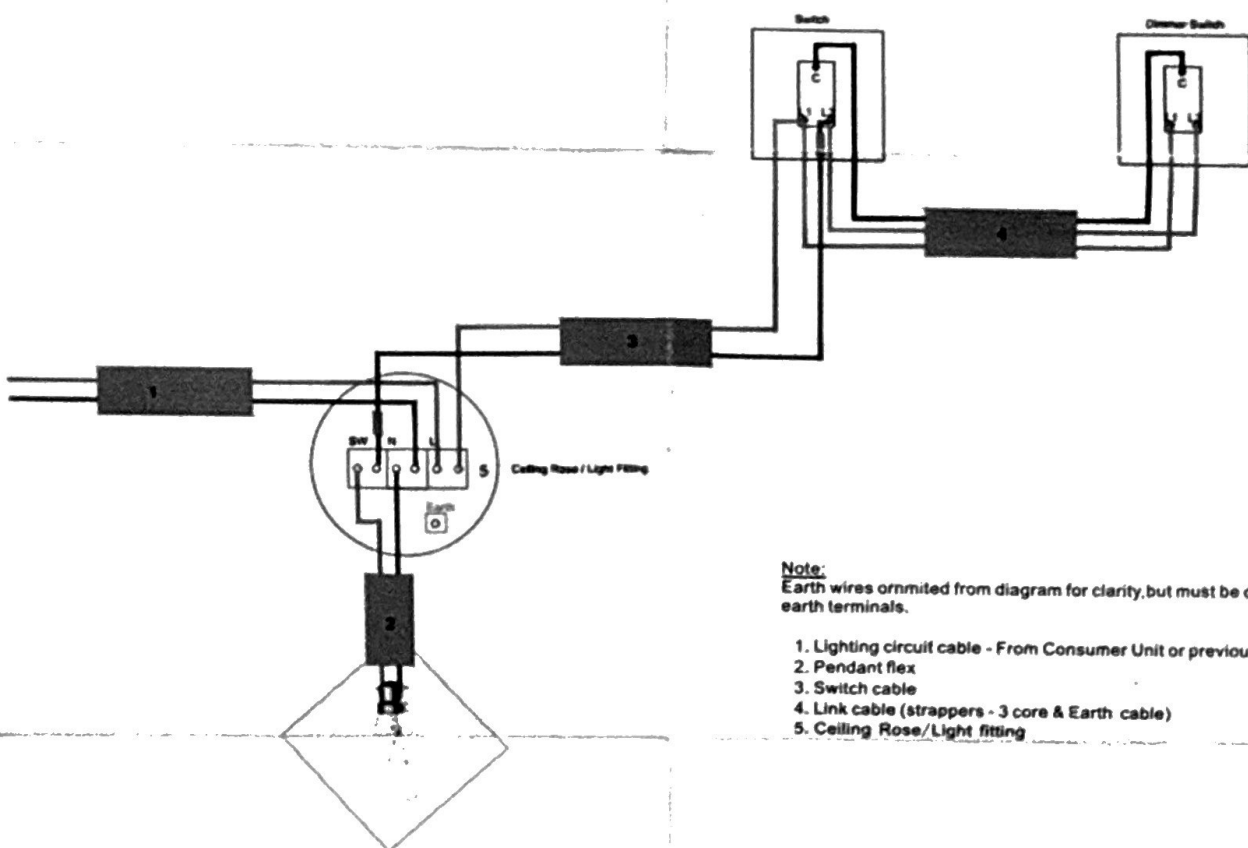
Connect the wires to the 'out' terminal and one of the 'L' terminals.



2-WAY CIRCUITS

2-way lighting circuits have two switches turning the same lights on and off from 2 different locations.

Only one switch must be replaced with a dimmer for correct operation.



Note:
Earth wires omitted from diagram for clarity, but must be connected at all earth terminals.

1. Lighting circuit cable - From Consumer Unit or previous light
2. Pendant flex
3. Switch cable
4. Link cable (strappers - 3 core & Earth cable)
5. Ceiling Rose/Light fitting

HELPLINE

We have taken great care to ensure this product reaches you in perfect condition. Please retain proof of purchase. In the event of the product being damaged, please call our Helpline for advice. When phoning please have the following information available: Name and Address, Telephone Number, Store, Date of Purchase and Product Reference.