

CRABTREE

PLATINUM WIRING ACCESSORIES

Touch Control Intelligent Safety Dimmers

DL21890/A _ SF

THIS SWITCH IS SUITABLE FOR

Mains voltage GLS or candle bulbs;
GU10 or similar HiSpot mains halogen bulbs up to the rating on the rear of the product.

Always observe the recommended maximum load
[see "Overload Protection" box below]

THIS SWITCH IS NOT SUITABLE FOR

Fluorescent or compact fluorescent bulbs;
Wire-wound or toroidal transformers;
Electric motors.

FITTING THE SWITCH

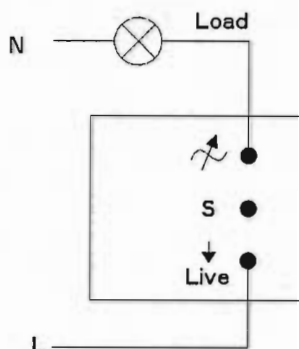
Read the instructions below carefully before beginning.

1. Before commencing work switch off the power supply by removing the fuse in the fuse box, or should isolate at main switch as neutral is a live conductor.
2. If the unit is to be used as a replacement for an existing product remove existing unit from its location and disconnect wiring. Where there are two or more wires together in the old switch they must be kept together in the dimmer.
3. If a 4 lug box is installed the top and bottom lugs should be removed or bent back to avoid contact with the dimmer.
4. Remove the metal front plate of the new unit by inserting a small screwdriver into the slot at the bottom of the plate and lift away from the grid.
5. To connect the wiring, refer to the diagram below. This unit **must be earthed** by means of the earthing point on the grid marked $\frac{1}{2}$, use green/yellow sleeving on earth conductors not insulated. Ensure terminals are properly tightened and no bare wire is visible. Push back unit into mounting box making sure conductors are not trapped.
6. Screw the grid plate to the mounting box: do not over tighten the fixing screws. Align the studs on the back of the metal front plate with the corresponding holes in the grid plate and push firmly into position.
7. To reduce the risk of discolouration or tarnishing, avoid installation on wet plaster.
8. **These products must be installed in accordance with the latest Building and IEE wiring regulations.**
If in any doubt, please contact a qualified electrician.

Your Touch Dimmer is suitable for 1-way circuits.

In 1-way lighting circuits each light is controlled by one switch the dimmer should replace this switch. The live wire **must** be connected to the terminal marked "Live↓" and the "load" wire to the terminal marked "↗".

Wiring for 1-way circuits



OVERLOAD PROTECTION:

As a safety feature, this dimmer is protected against overload and overheating. (N.B. Some types of bulbs can draw more current as they age and overload the dimmer).

If the dimmer becomes too hot it will attempt to handle the overload by reducing the brightness of the lamps. If it is unable to do so the dimmer will **automatically turn the lights off** until the overload is removed and the dimmer is switched off and then switched back on again.

OPERATION OF THE SWITCH

Touch Control

To initialise the dimmer, touch the circular "sensor" on the front of the plate once for 2 seconds. The dimmer will respond by making the light(s) brighter. A single touch will now turn the light(s) on or off. To dim the lights, keep contact with the sensor until the desired light level is reached. While contact with the sensor is maintained, the brightness will cycle up and down. To change the direction of the dimming cycle remove contact and then touch the sensor again. When the brightness reaches the level you require, remove contact with the sensor.

ELECTRIUM SALES LIMITED, Lichfield Road, West Midlands, England, WS8 6JZ.
Telephone: 01543 455033. Facsimile: 01543 455011