

Installation & Operating Instructions for Manual Led Dimmer Switches

SLED-DIM-MC / SLED2G-DIM-MC
SLED-DIM / SLED2G-DIM / SLEDMOD-DIM



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.

Warning: do not exceed the load rating of these devices as shown on the rear of the product. 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 were introduced.

Earth = Green/Yellow Sleeving

Neutral = Black (pre April 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 and type for the application.

This product should be installed by a qualified electrician

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 described in this instruction manual.
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 that 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 sheathed with a length of green/yellow sleeving.
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 and clip-on front-plate as appropriate).

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.

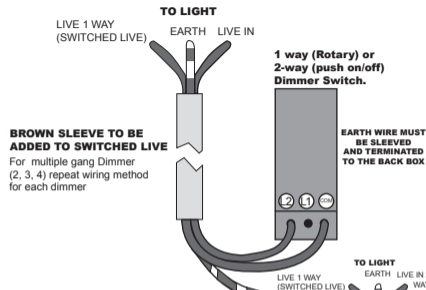
Front plates WITHOUT screw fixing holes. These products comprise main unit with integral gasket and front plate as separate items. Fix unit to back box using two fixing screws supplied. Clip front plate onto main assembly, ensuring screwdriver notch and lever off against gasket.

For all decorative plates - it is essential the gasket is fitted between product and wall, to reduce possibly of discolouration of front plate edges due to natural moisture in some wall finishes.

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

ONE WAY SWITCHING

One way switching is used in installations where the lights are switched from just one position. Connect the dimmer unit as shown in the diagram.



BROWN SLEEVE TO BE ADDED TO SWITCHED LIVE

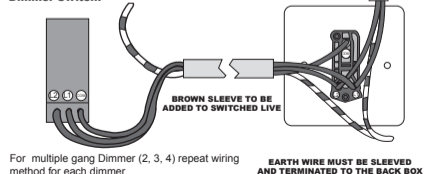
For multiple gang Dimmer (2, 3, 4) repeat wiring method for each dimmer

TWO WAY SWITCHING

Two way switching is used in installations where a light is controlled from two separate positions. The dimmer may replace only one of these switches, and may be fitted in either position.

Connect the dimmer unit as shown in the diagram.

2-way (push on/off) Dimmer Switch.



For multiple gang Dimmer (2, 3, 4) repeat wiring method for each dimmer

EARTH WIRE MUST BE SLEEVED AND TERMINATED TO THE BACK BOX

100W Dimmer Information

Product Specification

Voltage	200-240V AC
Load Ratings (Max/Min)	
Tungsten Lamp	60-150W
Halogen Lamp	35-150W
Dimmable LED	5-100W
Dimmable Compact Fluorescent (CFL)**	10-150W
Type	Trailing Edge

Minimum Level Dimming Adjustment

There can be issues with dimming CFL and LED lamps at a low lighting level. The light output from the lamp can 'collapse', suddenly switch off, rather than continuing dimming to a low level.

Notes about CFL or LED bulb performance:

Most dimmable CFLs and LEDs will not achieve as low a light level as incandescent or halogen lamps. The dimming range of dimmable CFLs and LEDs can vary from bulb to bulb and from manufacturer to manufacturer. CFLs and LEDs may suddenly switch off (no visible light output) or are unstable (excessive flickering or flashing) during low level dimming, that will lead to damage or degeneration of the bulb.

Dimming Range Adjustment

Warning - It is recommended for safety, that adjustments

are made in small intervals, and with the power isolated before adjusting. Install the dimmer as per the guidance. If you are happy with the light level, finalise the installation.

For more information contact:



Unit 7/8 Ashbourne Business Centre, Ballybin Road, Ashbourne, Co. Meath, A84 YP58, Ireland

Phone: +353 1 835 7447

Website: www.sgd.ie





EU DECLARATION OF CONFORMITY

Manufacturers Name: Solas Geal Distribution
Unit 7/8 Ashbourne Business Centre, Ballybin Road, Ashbourne, Co. Meath, A84 YP58.

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Product:
LED Dimmer Module

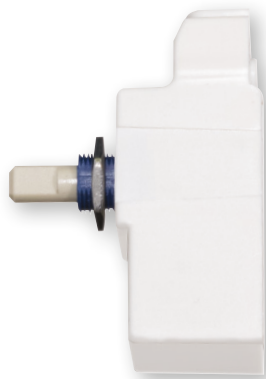
Model Code:
SLEDMOD-DIM

The product/model of the declaration described above is in conformity with the below listed harmonised standards and technical specifications listed below.

Low Voltage Directive (2014/35/EU)

The product/model of the declaration described above is in conformity with the standards and technical specifications listed below:

EN IEC 55015:2019+A11:2020, EN IEC 61000-3-2:2019+A1:2021
EN 61000-3-3:2013+A1:2019+A2:2021, EN IEC 61547:2023



Signed:

Date: 18/9/25

Place of Issue: Republic of Ireland





EU DECLARATION OF CONFORMITY

Manufacturers Name: Solas Geal Distribution
Unit 7/8 Ashbourne Business Centre, Ballybin Road, Ashbourne, Co. Meath, A84 YP58.

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Product:

1 Gang 100W Universal LED Dimmer
White or Matt Chrome Housing

Model Codes:

SLED-DIM, SLED-DIM-MC

The product/model of the declaration described above is in conformity with the below listed harmonised standards and technical specifications listed below.

Low Voltage Directive (2014/35/EU)

The product/model of the declaration described above is in conformity with the standards and technical specifications listed below:

EN IEC 55015:2019+A11:2020, EN IEC 61000-3-2:2019+A1:2021
EN 61000-3-3:2013+A1:2019+A2:2021, EN IEC 61547:2023



Signed:

Date: 18/9/25

Place of Issue: Republic of Ireland





EU DECLARATION OF CONFORMITY

Manufacturers Name: Solas Geal Distribution
Unit 7/8 Ashbourne Business Centre, Ballybin Road, Ashbourne, Co. Meath, A84 YP58.

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Product:

2 Gang 100W Universal LED Dimmer
White or Matt Chrome Housing

Model Codes:

SLED-DIM, SLED-DIM-MC

The product/model of the declaration described above is in conformity with the below listed harmonised standards and technical specifications listed below.

Low Voltage Directive (2014/35/EU)

The product/model of the declaration described above is in conformity with the standards and technical specifications listed below:

EN IEC 55015:2019+A11:2020, EN IEC 61000-3-2:2019+A1:2021
EN 61000-3-3:2013+A1:2019+A2:2021, EN IEC 61547:2023



Signed:

Date: 18/9/25

Place of Issue: Republic of Ireland

