



INSTALLATION & MAINTENANCE MANUAL

**CU150I**

## GENERAL INSTRUCTIONS

**These instructions should be read carefully and retained after installation by the end user for future reference and maintenance.**

**CU150I**

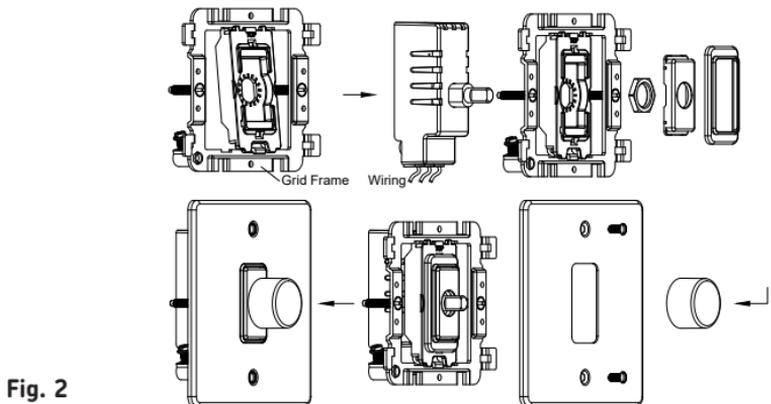
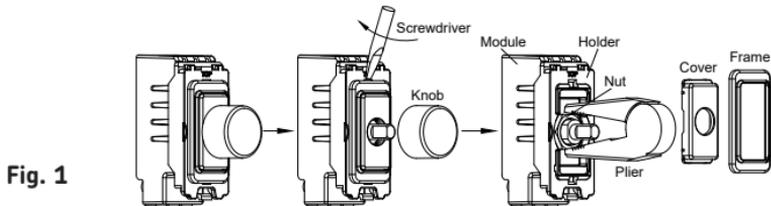
## SAFETY

- This product must be installed in accordance with the latest edition of the IEE Wiring Regulations (BS7671) and current Building Regulations. If in any doubt, consult a qualified electrician
- Please isolate mains prior to installation or maintenance
- Do not overload this product or subject it to conditions outside its rating:
  - LED dimming range 5 - 150W
  - Incandescent/halogen dimming range 10 - 400W
  - Not suitable for fluorescent lamps
- Please check compatibility with intended load before installation

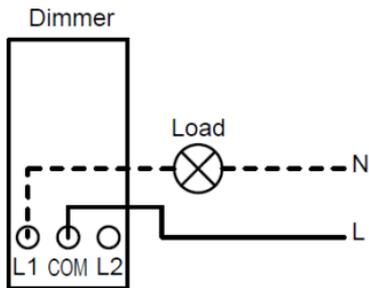
## GRID INSTALLATION

- Always ensure the wall surface is flat and smooth
- When using Class I accessories, all required earth connections must be made and maintained. Use green/yellow sleeving on earth conductors that are not insulated
- Check all electrical connections are secure with no loose strands of cable
- Refer to Fig. 1 for the points below
- Pull out the dimmer knob
- Remove the frame and cover with a screwdriver
- Remove the nut with pliers and remove the holder

- Refer to Fig. 2 for the points below
- Clip the holder into the grid frame
- Wire the dimmer module as per the wiring diagrams taking care not to compress, damage or trap any cables and then clip it into the holder and tighten them with the nut
- Assemble the frame and cover
- Put the grid frame onto the wall and install the plate
- Connect the dimmer knob to the dimmer
- Switch on and check for correct operation

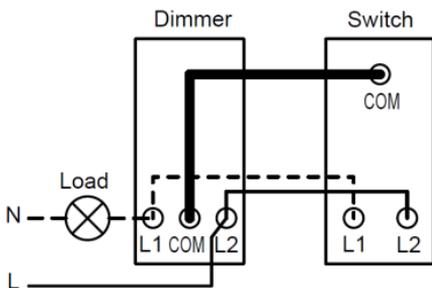


## ONE-WAY DIMMING CONTROL



- For a multiple gang dimmer repeat the wiring method for each dimmer unit

## TWO-WAY DIMMING CONTROL



- Two-way switching with a dimmer can only be achieved when there is only one dimmer in the system. Two-way dimming cannot be achieved

## DIMMING ADJUSTMENT

### TO RESTORE FACTORY SETTINGS

1. Switch on and set the dimmer knob to the maximum position (clockwise)
2. Press the knob 6 times
3. The lights will increase and decrease in brightness twice to indicate it is restored to factory settings (trailing edge mode)

### **TO ADJUST THE MINIMUM DIMMING LEVEL**

1. Switch on and set the dimmer knob to the minimum position (anti clockwise)
2. Press the knob 6 times
3. The lights will increase and decrease the brightness to show that the dimmer is in configuration mode.  
Slowly adjust to the desired brightness and leave the dimmer in position
4. Once adjusted to desired minimum, leave for 3 seconds and the lights will increase and decrease in brightness to show that the dimmer has returned to normal operation

### **TO CHANGE BETWEEN TRAILING-EDGE AND LEADING-EDGE MODE**

1. Switch on the power and adjust the dimmer knob to the maximum position (clockwise)
2. Press the knob 6 times
3. The lights will increase and decrease in brightness twice to indicate trailing edge mode. To select leading-edge, repeat step 2 and turn the dimmer knob fully anticlockwise, the lights will increase and decrease in brightness once and turn dimmer now fully anti clockwise and leave it for 5 seconds. This will indicate leading edge mode

## **WARNING**

This product must be disconnected from the circuit if subjected to any high voltage or insulation resistance testing. Irreparable damage will occur if this instruction is not followed.

Ensure a mixed load is not selected i.e., incandescent mixed with LED. It is recommended to use lamps/luminaires of the same brand and type on the same switch.

Most dimmable LEDs will not have the same dimming characteristics as incandescent lamps.

A small audible buzz may be emitted when using certain products. This is normal.

## GENERAL

This product should be recycled in the correct manner when it reaches the end of its life. Check local authorities for where facilities exist.

Clean with a soft dry cloth only, do not use aggressive cleaning products or solvents which may damage the product and invalidate the warranty

## WARRANTY

This product has a warranty of 2 years from date of purchase. Failure to install this product in accordance with the current edition of the IEE Wiring Regulations (BS7671), improper use, or removal of the batch code will invalidate the warranty. If this product should fail within its warranty period, it should be returned to the place of purchase for a free of charge replacement. ML Accessories does not accept responsibility for any installation costs associated with the replacement product. Your statutory rights are not affected. ML Accessories reserve the right to alter product specification without prior notice.

**SUPPLIED BY:  
(UK)**

**ML ACCESSORIES LTD, UNIT E CHILTERN PARK,  
BOSCOMBE ROAD, DUNSTABLE LU5 4LT,  
WWW.MLACCESSORIES.CO.UK**

**(EU) AUTHORISED REPRESENTATIVE  
SLV LIGHTING GROUP,  
DAIMLERSTRASSE 21-23,  
52531 ÜBACH-PALENBERG, GERMANY  
EMAIL: EPREL@GROUP.SLV.COM  
MADE IN CHINA**

**230V  
50Hz**



**IP20**



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