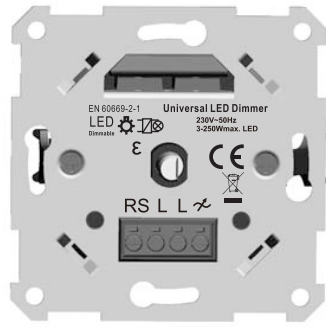


Smart dimmer

INSTRUCTION



ZigBee 3.0
Better Together



NORMAL OPERATION

Operation of Dimmer Knob and Push Switch :



Push knob ON or Push knob OFF the lamp or hold the knob to dim

Turn the knob clockwise to increase brightness

Turn the knob anticlockwise to reduce brightness

NOTE :

Multiple compatible loads can be used as the total lamp wattage does not exceed the maximum load rating of the dimmer.

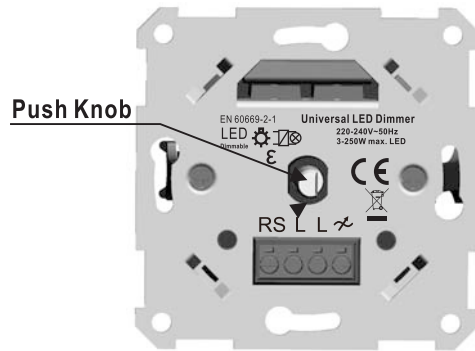
IMPORTANT !

It is illegal for persons other than an appropriately licensed electrical contractors or other persons authorised by legislation to work on the fixed wiring of any electrical installation.

This dimmer shall be protected by a 6A or up to a 10A maximum miniature circuit breaker, which is special use with this dimmer.

WARNING : ELECTRIC SHOCK HAZARD

Hazardous voltage maybe present at the output of the dimmer despite setting the dimmer to zero brightness level. Look out and tag the input circuit before accessing the wiring connections. Failure to follow this warning can result in death or serious injury.



ELECTRICAL SPECIFICATIONS

| Parameter | Value |
|----------------------------|---|
| Supply voltage & Frequency | 220-240V ~ 50Hz |
| Rating | 10-400W: incandescent lamps, high voltage halogen lamps and electronic step-down converter for extra low-voltage incandescent lamps. 3-250W: dimmable LED lamps. |
| Operating Temperature | 0° - 35°C |
| Operating Humidity | 10 - 90% R.H. |
| Mounting Centres | 82mm EU Pattern Plate |

NOTE :

Operation at elevated temperatures or voltages may cause the thermal protection circuit to operate. If this happen, decrease the connected load to prevent re-occurrence.

FEATURES :

- Suitable for 1-way or Multi-way full Dimming and switching.
- Minimum load down to 3W of capacitive or resistive load, such as Dimmable LED Lighting, Incandescent Lighting, MV Halogen / LV Halogen Lighting with electronic transformers.
- Lamps soft-start operation, to extend longer lifetime for the lamp.
- LED back light for indicate the dimming mode.
- User setting for the minimum dim Level.
- Build-in short circuit protect, designed to ensure the dimmer can survive in case of wiring fault or catastrophic failure of the load.
- Build-in re-settable thermal cut-off to protect the dimmer over normal operation temperature caused by overloads.
- Complies with IEC EN60669 and International safety standards.

Operation

How to connect to HUE bridge :

Short press 4times within 5seconds to save then push the HUE link push then via APP to discover new lights.

How to set the Minimum bright level :

Short press 5times within 5seconds to reset minimum and LED indicator will flash 3times then adjust to required minimum brightness then short press 6times to save minimum level and LED indicator will flash 3times.

How to connect to HUE bridge and restore the default setting:

Short press 9times within 5seconds

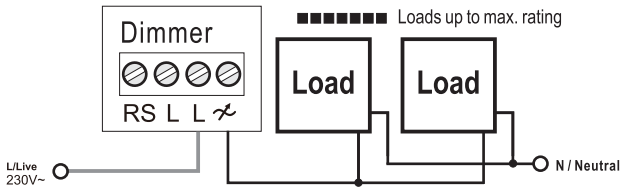
INSTALLATION

Wiring Details :

1. Disconnect power. Lock out and tag the relevant circuit at the mains switchboard.
2. Remove existing switch from wall.
3. Connect the dimmer in accordance with the wiring diagrams.
*the copper conductors for the terminals is 1,0 to 1,5mm rigid wire.
4. Refit switch plate to wall and fit the dimmer knob to the shaft.
5. Reconnect power. Push ON and dim with turning knob.

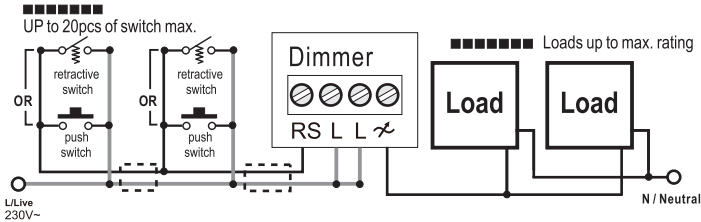
WIRING DIAGRAMS

One Way Operation



NOTE:
The Dimmer must always be connected to the LINE side of the load. Two or more dimmers **MUST NOT** be connected in parallel or series to control the same load from two different locations.

Multi-way Operation



NOTE:
The Dimmer must always be connected to the LIVE side of the load. Multi-way retractive switch or push switch can be control up to 20 units for UP/DOWN dim and ON/OFF function. Two or more dimmers **MUST NOT** be connected in parallel or series to control the same load from two different locations.

Wiring diagrams for one retractive switch control multi-dimmer :

