

LEGEND TECH DIMEZE™

Digital LED Phase Dimmer - 450W Product Series



SPECIFICATIONS

Model Number	DZ3G450DIAL
Interface	Dial Button
Operation Range	220 – 240Vac, 50Hz
Maximum Loading Rating	450W
Minimum Loading Rating	3W
Over Temperature Protection	Built-in; Once Dimmer in Protection, Manual Reset (AC Off/On); See INSTALLATION INSTRUCTIONS / Special Notes
Short Circuit Protection	Built-in
Load Suitability (Trailing - edge operation only)	Dimmable LED, Incandescent, Halogen, Electronic Transformer, NOT suitable for Motor Loads
Adjustable Minimum Dimming Level	Allows minimum dimming level to be set at a point that best suits the load; See operation details on DIMMER OPTION SETTING
Restrike	Built-in; Switches on the lamp load briefly before dimming to the lastdimmed level
Operation Temperature	0 - 60°C
Humidity	15 – 85% Non-Condensing
Switch Plate Compatibility	Fits all Schneider-Clipsal E30 Series Aperture (23 x 23mm) / Compatible Wall Plates
Wire Size	1 x 2.5mm ² or 2 x 1.5mm ²
Complies With	IEC/EN60669-2-1 (LVD), IEC/EN55015, EN61547, EN61000-3-2, EN61000-3-3 (EMC)

INSTALLATION INSTRUCTIONS

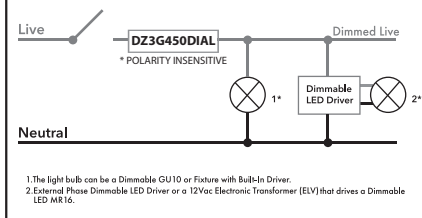
The product must be used in conjunction with a standard switch plate and/or modular switch (for Dial Dimmer). Ensure that the power has been turned off at the circuit breaker (MCB) before attempting installation or changing the load. The module should only be installed by a licensed electrician.

1. Disconnect power from the circuit and ensure it is safe.
2. Fit DIMEZE™ modular dimmer into switch plate aperture & be mounted in a suitable enclosure.
3. Connect as per (right) figure **(in series with the load)**.
4. For Minimum Brightness Level Set (see followings).
5. Reconnect power & confirm operation.

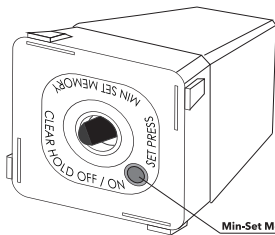
Special Notes

- Not suitable for mixed loads (all the lamps on the circuit should be the same type)
- Not suitable for controlling motors of any size
- For Two-Way Switching, use SPDT switches and consult Licensed Electricians
- **The status LED will Blink Continuously if a fault, such as Overload or Over Temperature Occurs; have Licensed Electricians to Examine Wiring and Lamp / LED Driver Selection**
- The dimmer can be reset by switching it off and on; dimmer reactivates after the heat inside has been dissipated properly.

WIRING



DIMMER OPTION SETTING / Minimum Brightness Level Set



To Set Minimum Brightness Level

1. Remove the Dimmer Knob
2. Adjust the lights to the desired level
3. Press the Min-Set Memory Button once

To Clear Pre-Set Memory

1. Remove the Dimmer Knob
2. Press & Hold the Min-Set Memory Button while switching off the AC power to the Dimmer unit & switch on again
3. Release the Button only after the LED Indicator is on again

Note:

Dimming LEDs is more complex than dimming other traditional lighting. Not all dimmable drivers have the same sophistication and dimming characteristics vary between driver manufacturers. The dimmer has custom algorithms that allow the processor to adapt to a broad range of variation but we cannot guarantee compatibility with every driver that may be encountered. Any dimming difficulties should be taken up with the manufacturer of the lighting product concerned. This dimmer is not suitable for mixed load types.

Warning Notes

The DIMEZE™ digital dimmer is a solid state device, 240V will be present at the load even when the dimmer is switched off. The power must be switched off at the Circuit Breaker (MCB) to isolate the circuit before replacing faulty lighting loads or blown lamps.

This dimmer must be fitted to a Wall Plate and installed on a suitable enclosure (mounting block or flush box). The input terminals and wires should not be accessible when the product is being used.

Warranty Statement

The DIMEZE™ digital LED dimmer is guaranteed for a period of 5 years from the date of purchase against defects in workmanship and materials. Defects will be rectified by replacement of the product. This warranty becomes null and void if in our opinion the product has been misused, incorrectly installed, tampered with, or subject to power surges. The warranty does not include any labor or other associated expenses that may be involved in removal or installation of the production. To obtain a replacement under this guarantee, return the goods (prepaid) to the place of purchase (proof of purchase must be supplied).



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