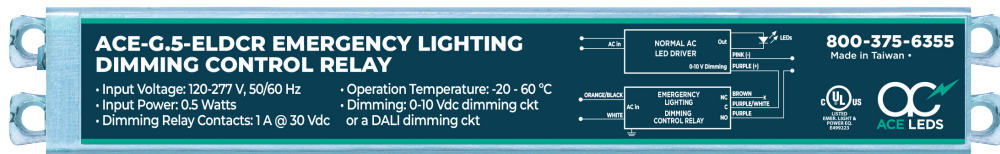


**ACE-G.5-ELDCR
Emergency Lighting Dimming Control Relay**



Primary Specifications:

Input Power Max	Input Current Max	Dimming Relay Contacts	Operating Temperature
0.5 W	3 mA @ 120 Vac	1 A @ 30 Vdc	-20 - 60 °C



Description:

The **ACE-G.5-ELDCR** is a UL 924 device that includes a relay which controls the dimming circuit of an LED driver in Emergency-mode. The device can control a 0-10 Vdc dimming circuit or a DALI dimming circuit. The **ACE-G.5-ELDCR** is intended for mounting inside the luminaire. The AC input of the **ACE-G.5-ELDCR** connects to the unswitched Normal source of power to monitor for a power failure. Under Normal-mode conditions the **ACE-G.5-ELDCR** is powered "ON," and the Dimming Control Relay is thus energized, which allows the dimming circuit to operate as normal. Under Emergency-mode conditions, when there is a failure of the Normal source of power, the **ACE-G.5-ELDCR** is de-energized which defeats the dimming circuit and forces the LED Driver into Full Light Output.

Additional Specifications:

Surge protection:3 kVp
 Maximum operating temperature 60 °C
 Metal enclosure IP rating:..... IP30
 Weight.....0.13 lb
 Dimensions:.....5.5 in L x 0.75 in W x 0.75 in H

*Warranty: 3 years based on a maximum ambient temperature (Ta) of 60 °C, OR 5 years warranty based on a maximum ambient temperature (Ta) of 50 °C.

5-Year USA-Backed Warranty*
 See complete AC Warranty information for details

Safety and Regulatory Compliance:

- UL and cUL Listed as an Emergency LED Driver (UL924)
- UL Listed for both field and factory installation
- EMI: Complies to FCC commercial limits
- RoHS compliant

Features, Benefits, and Applications:

- Small size and light weight: Enables mounting inside small fixtures.
- Includes an isolated SPDT Relay: Can be used with 0-10 Vdc dimming or DALI dimming circuits.
- Includes AC input surge protection: For improved reliability.
- Two-wire universal input: Reduces wiring errors and reduces installation time and complexity.
- Includes low-power high-efficiency AC input circuitry: For low energy consumption.
- Suitable for indoor and damp locations.