

ALCR-D20L-PW

UL924 20 A Emergency Lighting Automatic Load Control/ Bypass Relay
Threaded Stud mounting- Plenum Rated Harness for Test Switch



Specifiers reference:

Project: _____
Type: _____
Model #: _____
Comments: _____

Product Summary

Approvals UL Listed to UL924
Normal Power Input Voltage 120-277 Vac, 50/60 Hz
Universal Input

Emergency Power Voltage 120-277 Vac, 50/60Hz

Relay Contact Ratings

20 A Electronic LED Driver @120Vac or @277 Vac
20A Magnetic Ballast @120 Vac or @277 Vac

0-10 Dimmer Vdc Override for emergency full illumination

Dimmer Contact Switching 120mA @250V

Test Switch and Normal Power Indicator ..Quick Connect IP65 rated

Weight 1.0 lbs.

Mounting

Threaded Stud Mount with Plenum RatedHarness to Test Switch

Dimensions 9.5"L x1.7"W x 1.14"H

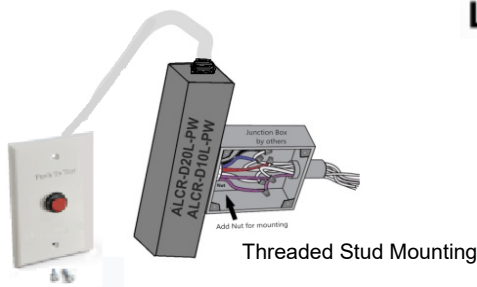
Case Aluminum Case

Operating Temperature -4° to 131° F (-20° to 55° C)

Warranty 5 years full

All Specifications are subject to change without prior notification

Mounting Configuration:



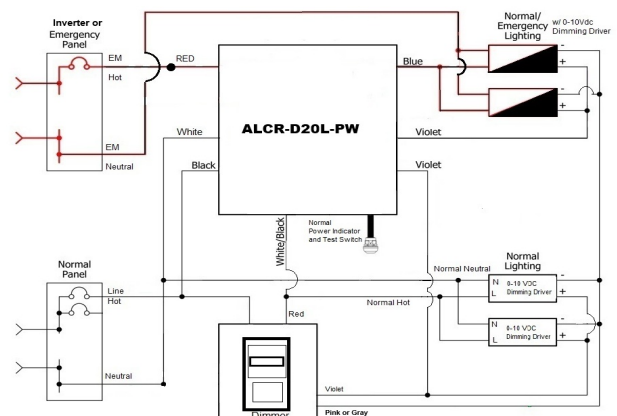
Description

The Assurance Emergency Lighting ALCRD20L-PW automatic load control / bypass relay uses normal room controls to turn ON/Off/ 0-10 Vdc dim the emergency fed lighting fixtures. In the event of a power failure, the emergency luminaires connected to the ALCR-D20L-PW will power to full on from the (Inverter or generator) emergency source .

Specifications

Emergency lighting shall be provided by using existing lighting loads equipped with an Assurance Emergency ALCR-D20L-PW UL924 Listed automatic load control relay. The device shall be capable of serving as an Automatic Load Control Relay or bypass for local switching means when normal utility power has been lost. The ALCR device shall work in conjunction with auxiliary generators and inverters to turn ON switched or 0-10 Vdc dimmed lighting fixtures to full power in the event of a normal power failure.

The ALCR-D20L-PW load control relay shall consist of relay switching circuitry, a Quick Connect IP65 rated normal power indicator light test switch, plenum rated test switch harness and 9.5" L x 1.7" W x 1.14" H aluminum enclosure; shall sense normal power (universal input 120 through 277 Vac, 50/60Hz) and switch up to 20 amps (@120 or 277 Vac) for LED drivers or magnetic ballast lighting loads; shall be compatible with 0-10 Vdc dimming controls and allow for override to full illumination; and shall be comply with the current National Electrical Code. The device shall be UL Listed (UL924) for factory or field installation with indoor luminaires, and plenum or damp locations and warranted for a full 5 years from date of purchase.



Assurance Emergency Lighting, a division of Assurance Engineering LLC

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