

ALCR-D20

Emergency Lighting Automatic Load Control Relay



Specifiers reference:

Project: _____

Type: _____

Model #: _____

Comments: _____

Product Summary

- Approvals UL Listed to UL924
- Normal Power Supply Voltage 120-277 Vac
- Normal Power Supply Frequency 50/60 Hz
- Normal Supply Current Usage 24 mA (max)
- Emergency Power Supply Voltage 120-277 Vac
- Emergency Power Supply Frequency 50/60Hz
- Emergency Power Supply Usage 120 mA
- Relay Contact Ratings (SPST)
 - 16A Electronic Ballast @277 Vac
 - 20A Magnectic Ballast @277 Vac
 - 10A Tungsten @120 Vac
- 0-10 Dimmer Vdc Override for emergency full illumination
- Dimmer contact switching 130mA @250V max.
- Operation and Status Indicators
- Remote Test Input Class 2 dry contact
- Weight 0.75 lbs.
- Mounting 0.50" Stud mounting
- Dimensions 4.0" L x 4.0" W x 1.81" H
- Case NEMA 1
- Operating Temperature -30° to 140° F (-35° to 60° C)
- Warranty 5 years full

Description

The Assurance Emergency Lighting automatic load control/bypass relay ALCR-D20 allows the use of auxiliary generators and inverters to turn on switched lighting fixtures in the event of a power failure or emergency situations.

Specifications

Emergency lighting shall be provided by using existing lighting loads equipped with an Assurance Emergency Lighting ALCR-D20 control device. The device shall be capable of serving as an Automatic Load Control Relay or bypass for the local switching means when normal utility power has been lost. The ALCR-D20 shall consist of relay switching circuitry, a test switch, a normal power indicator light and an alternate power indicator light contained in one 4.0" L x 4.0" W x 1.81" H NEMA 1 enclosure (0.50" mounting nipple); shall sense normal power at 120 through 277 VAC, 50/60 Hz; shall be rated for 120 through 277 VAC, 50/60 Hz at up to 16 amps (@277Vac) for electronic drivers/ballast, 20 amps (@277Vac) for magnetic ballast and 10 amps for tungsten (@120Vac) of lighting load shall be compatible with 0-10Vdc dimming drivers and allow for override for full illumination; shall draw 24mA during normal sensing operation; and shall comply with the current National Electrical Code. The device shall be UL Listed (UL924) for field installation in indoor or damp locations and shall be warranted for a full five years from date of purchase.

All Specifications subject to change without prior notification.

