ALCR-D5

5 Amp UL924 Listed Emergency Lighting Automatic Load Control Relay





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| | CILICIS | 1010101 | |

| Project: | | |
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| Туре: | | |
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| Model #: | | |
| Comments: | | |
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Product Summary

| ApprovalsUL Listed to UL924 |
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| Normal Power Supply Voltage120-277 Vac |
| Normal Power Supply Frequency50/60 Hz |
| Normal Supply Current Usage 39 mA (max) |
| Emergency Power Supply Voltage |
| Emergency Power Supply Frequency 50/60Hz |
| Emergency Power Supply Usage 90 mA |
| Relay Contact Ratings (SPST) 5 A Electronic Ballast |
| 5 A Magnetic Ballast |
| 0-10 Vdc Dimmer Override for emergency full |
| illumination |
| Dimmer contact switching 1A @ 30Vdc max. |
| Operation and Status Indicators Normal, EM and Load Power |
| Remote Test Input Class 2 Dry Contacts |
| for Remote Test Switch |
| or Fire Alarm Panel Contacts |
| Optional Remote Test Switch* TB-D1020 or RTS-ALCR-D520 |
| Weight 0.45 lbs. |
| Mounting |
| Dimensions |
| Case NEMA 1 |
| Operating Temperature 30° to 140° F (-35° to 60° C) |
| Warranty 5 years full |
| |

All specifications subject to change without prior notification.

^{*} Optional Remote Test Switch Sold Separately





Description

The Assurance Emergency Lighting automatic load control/ bypass relay ALCR-D5 allows the use of auxiliary generators and inverters to turn on switched or dimmed lighting fixtures to full power in the event of an emergency situations or mains power loss.

Specifications

Emergency lighting shall be provided by using existing lighting loads equipped with an Assurance Emergency Lighting ALCR-D5 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-D5 shall consist of relay switching circuitry, an integral test switch, a normal, load & emergency power indicator lights contained in one 5.6" L x 1.4" W x 1.0" H NEMA 1 enclosure; shall sense normal power at 120 through 277 VAC, 50/60 Hz; shall be rated to switch 120 through 277 VAC, 50/60 Hz at up to 5 amps (@277 VAC) for electronic or magnetic drivers/ballast lighting loads. It shall be compatible with 0-10 Vdc dimming drivers and allow for override for full illumination; shall draw 39 mA during normal sensing operation. The device shall have remote test inputs (dry contacts) for an alternate test switch or for fire alarm panel contact switching. It shall comply with current National Electrical Codes and be UL Listed (UL924) for field or factory installation in indoor or damp locations and shall be warranted for a full five years from date of purchase.

