BCELTS20

Emergency Lighting Branch Circuit Transfer Switch
ETL Listed to UL1008 & UL924

Assurance Emergency Lighting
a division of Assurance Engineering LLC

Specifiers reference:

Project: _____

Type: _____

Model #: _____

Comments: _____

Product Summary

Approvals . . . . . ETL Listed to UL1008
ETL Listed to UL924

Normal Power Supply Voltage . . . . . 120-208-277 Vac

Normal Power Supply Frequency . . . . . 50/60 Hz

Normal Supply Current Usage . . . . . 15 mA (max)

Emergency Power Supply Voltage . . . . . 120-208-277 Vac

Emergency Power Supply Frequency 50/60Hz

Relay Contact Ratings

16A Electronic Ballast @ 120-277 Vac
16A Magnetic Ballast @120-277 Vac
16A Tungsten @120 -277Vac

Dimmer Override . . . . . for 0-10 Vdc and Dali dimming for emergency full light output

Dimmer contact switching . . . . . 130 mA @250V max.

2 & 3 Wire Line Voltage Dimming compatible

Status Indicators Normal, Em, Load and fault indicators

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 . . . . . 4.6 lbs.

Dimensions . . . . . 8.3" L x 7.7" W x 3.9" H

Case . . . . . NEMA 1, Plenum Rated Steel Metal

Operating Temperature . . . . . -30° to 140° F (-35° to 60° C)

Warranty . . . . . 5 years full

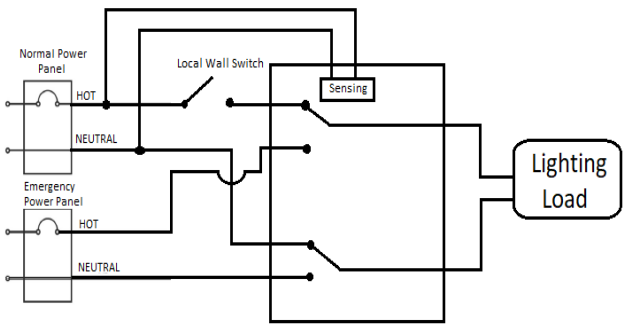
Description

The Assurance Emergency Lighting automatic load control/ transfer relay BCELTS20 allows the use of auxiliary genera _ tors and inverters to power on switched or dimmed lighting fixtures in the event of a power failure or emergency situations regardless of switch position.

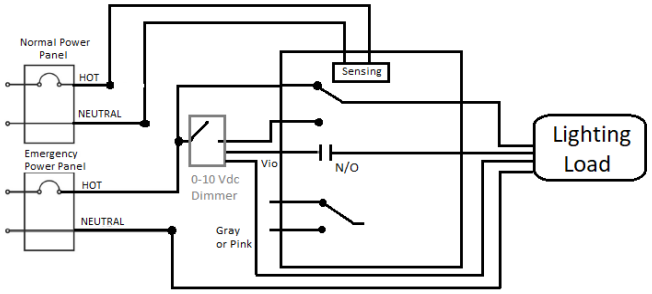
Specifications

Emergency lighting shall be provided by using existing lighting loads equipped with an Assurance Emergency Lighting BCELTS20 lighting control device. The device shall be capable of serving as a UL924 Automatic Load Control Bypass Relay or a UL1008 transfer switch for the local switching means when normal utility power has been lost allowing connected luminaires to power on to full brightness. The BCELTS20 shall consist of relay switching circuitry, an integral test switch, a normal power indicator light an emergency power indicator light and a Load power indicator light contained in one metal 8.3"L x 7.7" W x 3.9"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 16 amps (@277 VAC) for electronic drivers/ballast, 16 amps (@277 VAC) for magnetic ballast and 16 amps for tungsten (@277VAC) lighting loads. It shall be compatible with 0-10 Vdc dimming drivers and allow for override for full illumination; shall draw 15 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 ETL Listed to UL924 and UL1008 for field installation in indoor or damp locations and shall be warranted for a full five years from date of purchase.

UL1008 - BASIC TRANSFER APPLICATION



UL924 - Basic ALCR Bypass Application



Assurance Emergency Lighting, a division of Assurance Engineering LLC
Assurance Engineering LLC · 357 Cumberland Street · Memphis, TN 38112 · 877-774-4775 · www.assurancelighting.com
07052024