



ELCR-U Series

AUTOMATIC LOAD CONTROL RELAY

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

STANDARD FEATURES

- Automatic Load Control Override
- Allows Normal Control of Emergency Lighting
- Low Profile (1") Housing
- Input Range of 120VAC through 277VAC
- LED Indicators for Normal, Emergency
- 0–10Vdc Dimmer Override
- Compatible with DALI Dimmable Loads
- Fixture Mount Housing
- Plenum Rated



SPECIFICATIONS

RELAYS & CONTACT TYPE:

- One (1) SPST Continuous Duty Coil

EXPECTED RELAY LIFE:

- 10 million cycles minimum mechanical

OPERATING TEMPERATURE:

- -30 to 140° F

ACTUATE TIME:

- 18ms max.

LED:

- Green = Normal Power
- Red = Emergency Power

DIMENSIONS:

- 5.63" L x 1.4" W x 1.0" H

WIRES:

- 16", 600V Rated

HOUSING RATING:

- UL Accepted for Use in Plenum, NEMA 1

GOLD FLASH:

- No

OVERRIDE (TEST SWITCH):

- No

HUMIDITY RANGE:

- 5–95% (noncondensing)

COIL CURRENT:

- Normal Power = 6 mA max
- Emergency Power = 0 mA max

COIL VOLTAGE INPUT:

- Emergency Input: 120–277 Vac (50/60Hz)
- Normal Input: 120–277 Vac (50/60 Hz)

RELAY CONTACT RATINGS:

- 6A General Purpose @120Vac
- 6A Electronic Ballast @ 120Vac
- 5A Electronic Ballast @ 277Vac
- 720VA Ballast @ 120–277Vac
- 720W Tungsten @ 120–277Vac

FEEDBACK/DIMMER OVERRIDE CONTACT:

- 1 Amp Resistive @ 30 Vdc

COMPLIANCES

- UL Listed
- UL924
- C-UL
- CE
- RoHS

WARRANTY

- 5 years full warranty

ORDERING GUIDE

CATALOG #

Example: ELCR-U

ELCR-U

Model

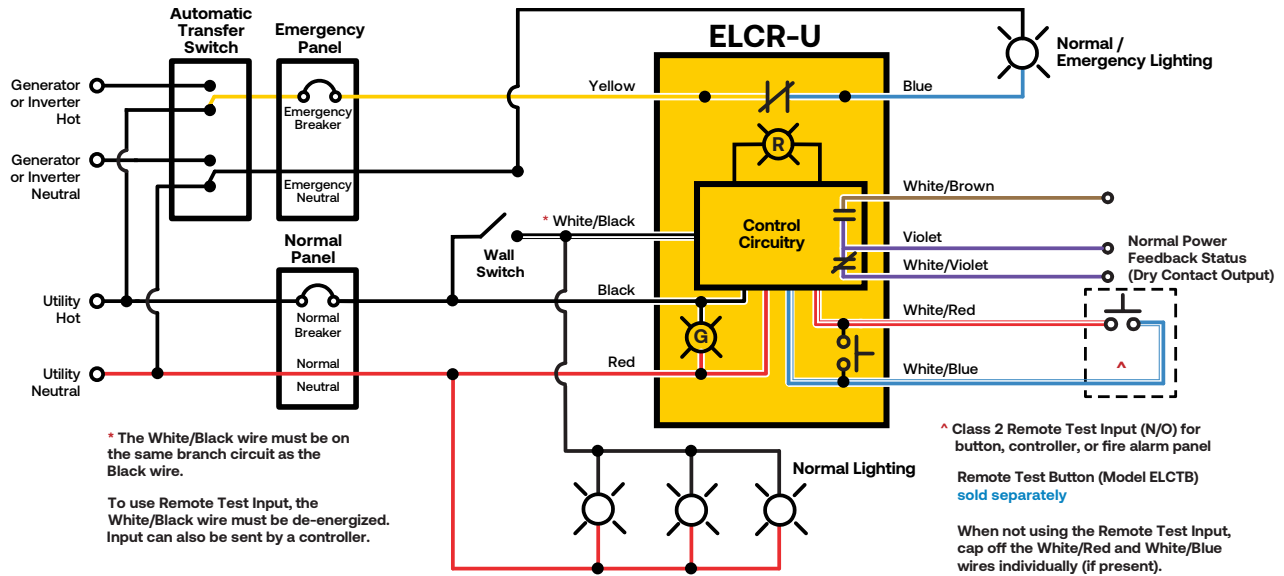
ELCR-U 6 Amp Automatic Load Control Relay

Accessories (Order Separately)

ELCTB Remote Test Button

TYPICAL APPLICATIONS

Using Emergency Lighting as Normal Lighting



Overriding a 0-10Vdc Dimmer

