



# LIGHTING CONTROLS

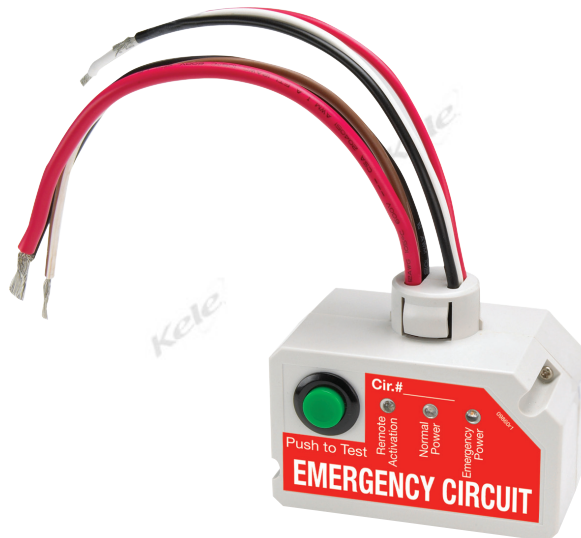
## EMERGENCY UL924 BYPASS/ SHUNT RELAYS

### ELCU-200



### DESCRIPTION

The **ELCU-200** Emergency Lighting Control Unit is a self-contained device that allows any standard lighting control device to control emergency lighting in conjunction with normal lighting in any area within a building. If power is lost for any reason, including the tripping of a single branch circuit breaker, the **ELCU-200** will force on the emergency fixtures for that area. The **ELCU-200** can be wired either as a control device, so that emergency lighting follows the control of normal lighting, or as a bypass device to shunt emergency power around a control device (e.g., a dimmer) when normal power fails.



ELCU-200



### FEATURES

- *Eliminates energy waste caused by emergency lighting that is always on*
- *Integral push-to-test button activates emergency mode for a true test condition*
- *Connects to EMTS-100 Remote Test Switch or other input to activate emergency on from a remote location*
- *Operates as a control device or as a shunt*
- *Senses local single circuit power failure*
- *Zero cross switching technology for reliability and increased product life*
- *Compatible with WattStopper occupancy sensors, daylighting controls, lighting control panels, and dimmers*
- *LED indication for emergency and normal power*
- *Half-second delayed on positively identifies emergency fixtures for required maintenance*
- *Provides absolute fail-to-on emergency lighting*
- *Qualifies for use on ARRA-funded projects*

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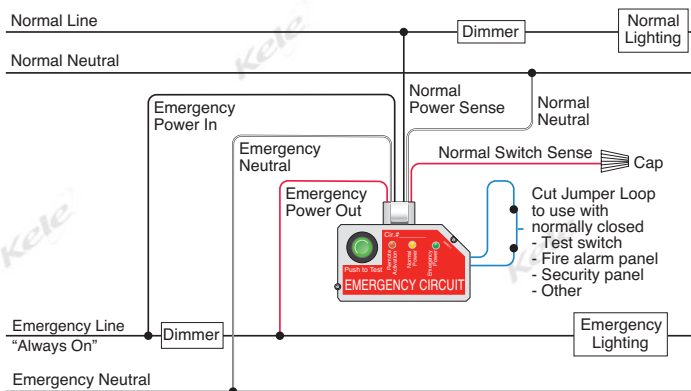
### SPECIFICATIONS

<b>Supply Voltage</b>	120/277 VAC	<b>Dimensions</b>	1.7"H x 2.97"W x 1.64"D (43.2mm x 75.4mm x 41.7mm) with a 1/2" (12.7mm) threaded nipple
<b>Supply Frequency</b>	60 Hz	<b>Housing Type</b>	Fire rated V-0, 176°F (80°C)
<b>Maximum Load</b>		<b>Approvals</b>	UL Listed, cUL listed for Emergency Lighting and Power, E302768 Meets NEC, OSHA, and NFPA safety codes; UL 2043 plenum rated
<b>Ballast</b>	20A @ 120/277 VAC	<b>Weight</b>	0.44 lb (0.2 kg)
<b>Incandescent</b>	10A @ 120 VAC	<b>Warranty</b>	5 years
<b>Motor</b>	1HP @ 120 VAC		
<b>Activation</b>	Supplies 24 VDC source for dry contact closure. Push-to-test button on unit.		
<b>Operating Temperature</b>	32° to 131°F (0° to 55°C)		
<b>Operating Humidity</b>	5 to 95%, noncondensing		



### WIRING

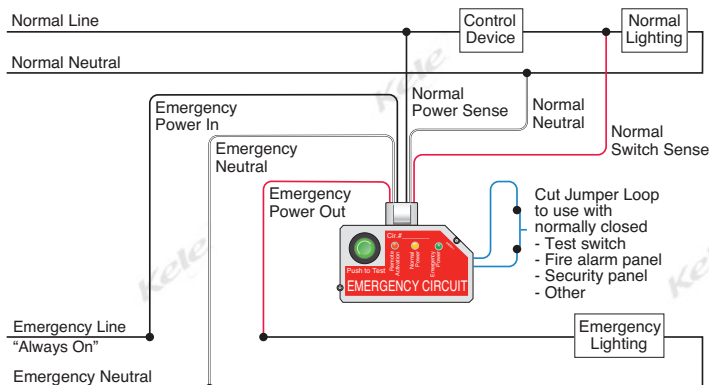
#### Wiring for a Shunt or Bypass Device



When wired as a shunt, the switching line is not used.

Note: Use with WattStopper universal dimmers or contact dimmer manufacturer to determine the suitability of the specified dimmer for shunt operation.

#### Wiring for a Control Device



When wired as a control device, the ELCU-200 receives a switching signal from the output of the control device (relay, switch, power pack, etc.)

### ORDERING INFORMATION

**MODEL**  
ELCU-200  
ELCU-200-U

**DESCRIPTION**  
Emergency Lighting Control Unit  
Emergency Lighting Control unit, ARRA- compliant

**EMTS-100**

#### ACCESSORIES

Remote test switch on single gang plate, 24 VDC, normally closed contact