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.

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

SPECIFICATIONS

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

**Wiring for a Shunt or Bypass Device**

```
Normal Line
Normal Neutral
Emergency Power In
Emergency Power OUT
Emergency Neutral
'Always On'

Dimmer

Normal Power Sense
Normal Neutral
Normal Switch Sense
Cut Jumper Loop to use with normally closed
- Test switch
- Fire alarm panel
- Security panel
- Other

Cap

Emergency Lighting

Dimmer

Normal Line
Normal Neutral
```

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**

```
Normal Line
Normal Neutral
Emergency Power In
Emergency Power OUT
Emergency Neutral
'Always On'

Control Device

Normal Power Sense
Normal Neutral
Normal Switch Sense
Cut Jumper Loop to use with normally closed
- Test switch
- Fire alarm panel
- Security panel
- Other

Cap

Emergency Lighting

Dimmer

Normal Line
Normal Neutral
```

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**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELCU-200</td>
<td>Emergency Lighting Control Unit</td>
</tr>
<tr>
<td>ELCU-200-U</td>
<td>Emergency Lighting Control unit, ARRA- compliant</td>
</tr>
</tbody>
</table>

**ACCESSORIES**

| EMTS-100   | Remote test switch on single gang plate, 24 VDC, normally closed contact |