Our enclosed 20 Amp electrically held UL 924 Automatic Load Control Relay is specifically designed for projects requiring control of an emergency lighting along with controlled general lighting in a space. The lighting on the emergency circuit is switched ON and OFF based on the normal circuit switching input to the unit. When the loss of utility power occurs, the contact returns to the normally closed position and bypasses control to the emergency/egress lighting.

The unit includes an automatic test function that simulates utility power failure and holds emergency lighting on for 2.5 seconds each time the switched input is turned OFF.

### Product Features
- 20 Amp 120/277VAC Relay
- Dual Tap 120VAC or 277VAC Coil
- N/C isolated contacts
- UL listed for use in emergency circuits
- No minimum load requirement
- Five-year warranty
- 120-277 Vac

### Dimensional Data

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.75&quot;</td>
<td>[44.5mm]</td>
</tr>
<tr>
<td>3.75&quot;</td>
<td>[95.3mm]</td>
</tr>
<tr>
<td>1.25&quot;</td>
<td>[31.8mm]</td>
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</table>

### Ordering Information

<table>
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<th>MODEL</th>
<th>Description</th>
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<tbody>
<tr>
<td>UL924BRUNV</td>
<td>UL924 Emergency Control Relay with auto test 120-277VAC Coil</td>
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</table>
General Specifications

# Relays & Contact Type  One (1) SPST Continuous Duty Electrically Held Coil

Contact Ratings  
- 1500 VA Tungsten @ 120VAC
- 20 Amp Ballast @ 120/277VAC
- 2 HP @ 277VAC
- 1 HP @ 120VAC

Coil Current  
- 0.06 A @ 120VAC
- 0.06 A @ 277VAC

Coil Voltage Input  
- 120 or 277VAC; 60Hz

Operating environment  
- Indoor use only
- 32° to 140°F (0° to 60°C)
- Relative humidity (non-condensing): 0% to 95%

Dimensions  
- 3.75” L x 1.75” W x 1.25” D (95.3mm L x 44.5mm W x 31.8mm D) with mounting ears for 1-gang box

Housing Rating  
- Plenum, NEMA 1

Flame Rating  
- UL94V-0

Wires  
- 7”, 105°C, 600V Rated

Certifications  
- UL Listed, UL924

Warranty  
- Five years

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Wiring Diagrams

Diagram showing wiring connections for emergency lighting and normal lighting circuits. Diagram includes labels for emergency, normal, and line power connections, as well as a note regarding the operation during normal and emergency power conditions.

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