The EMR Electromechanical Relay is small in size, features Class F insulation for a max coil temperature of 155°C, quick-connect terminals for simple connection, and is panel mountable. The relays are compact and impervious to shock and vibration. The EMR is perfect for motor control, power supplies, lighting, and compressor loads.

**FEATURES**
- Compact size
- 30 amp rating
- Quick-connect terminals
- Flange mounting

### AC Operated

<table>
<thead>
<tr>
<th>Model</th>
<th>Input Voltage</th>
<th>Coil Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>EMR-24AC-SPDT</td>
<td>24 VAC 50/60 Hz</td>
<td>500 Ω</td>
</tr>
<tr>
<td>EMR-120AC-SPDT</td>
<td>120 VAC 50/60 Hz</td>
<td>3000 Ω</td>
</tr>
<tr>
<td>EMR-24AC-DPDT</td>
<td>24 VAC 50/60 Hz</td>
<td>250 Ω</td>
</tr>
<tr>
<td>EMR-120AC-DPDT</td>
<td>120 VAC 50/60 Hz</td>
<td>1600 Ω</td>
</tr>
</tbody>
</table>

### DC Operated

<table>
<thead>
<tr>
<th>Model</th>
<th>Input Voltage</th>
<th>Coil Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>EMR-24DC-SPDT</td>
<td>24 VDC</td>
<td>576 Ω</td>
</tr>
<tr>
<td>EMR-12DC-DPDT</td>
<td>12 VDC</td>
<td>86 Ω</td>
</tr>
<tr>
<td>EMR-24DC-DPDT</td>
<td>24 VDC</td>
<td>1600 Ω</td>
</tr>
</tbody>
</table>

**SPECIFICATIONS**

Operating and Load Voltage Range: 12-277 VAC; 5-110 VDC.

Electrical Connection: Quick-connect tab terminals. SPDT 0.187” coil terminal/0.25” contact terminal; DPDT 0.25” coil terminal/0.25” contact terminal.

Switching Operation: SPDT or DPDT.

Electrical Rating:
- SPDT: NO 30 A @ 240 VAC / 28 VDC
- NC 10 A @ 240 VAC / 28 VDC
- DPDT: 30 A @ 240 VAC 20 A @ 28 VDC.

Temperature Limits:
- Storage: -40 to 185°F (-40 to 85°C);
- Operation: -40 to 131°F (-40 to 55°C)

Voltage Loss: 2.5 VA (VAC); 1W (VDC).

Cycle Life: 100,000 cycles (electrical); 10,000,000 cycles (mechanical).

Housing: Polyester resin.

Weight: 1.16 oz (45 g) (SPDT); 3 oz (85 g) (DPDT).

Agency Approvals:
- UR, URc (EMR-XXXX-SPDT);
- UL, ULc, CE, RoHS (EMR-XXXX-DPDT).

**ACCESSORY**

EMR-DIN, Din Adaptor