### Series 781
**SPDT Ice Cube Relays**
20 Amp, SPDT Operation

The Series 781 Electromechanical Ice Cube Relay is a full-featured SPDT relay that can be used to handle loads up to 20 amps for AC or DC circuits. It features a flag status indicator and a LED status lamp to let the user know when the relay is activated. In order to differentiate between AC and DC actuated models, the push-to-test button is color-coded. For testing the operation, a removable lock-down lever holds the test button in place. The clear plastic housing gives a view of the contacts, and there is a removable I.D tag for labeling the circuit.

#### SPECIFICATIONS
- **Operating and Load Voltage Range:** 24 to 240 VAC; 24 VDC.
- **Electrical Connection:** Silver alloy plug-in contacts.
- **Switching Operation:** SPDT.
- **Electrical Rating:** 20 A @ 120 / 277 VAC (50/60Hz) or 28 VDC.
- **Temperature Limits:**
  - Storage: -40 to 185°F (-40 to 85°C);
  - Operation: -40 to 131°F (-40 to 55°C).
- **Power Consumption:** 0.9 VA; 0.7W.
- **Cycle Life:** 100,000 cycles (electrical); 10,000,000 cycles (mechanical).
- **Housing:** Plastic polycarbonate.
- **Weight:** 1.02 oz (29 g).
- **Agency Approvals:** CE, CSA, RoHS, cUL, UL, cUR, UR.

#### ACCESSORY
- 70-781D5-1A, Socket for 781 Series Relay

<table>
<thead>
<tr>
<th>AC Operated</th>
<th>Input Voltage</th>
<th>Coil Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>781XAXM4L-24A</td>
<td>24 VAC 50/60 Hz</td>
<td>180 Ω</td>
</tr>
<tr>
<td>781XAXM4L-120A</td>
<td>120 VAC 50/60 Hz</td>
<td>4430 Ω</td>
</tr>
<tr>
<td>781XAXM4L-240A</td>
<td>240 VAC 50/60 Hz</td>
<td>15720 Ω</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DC Operated</th>
<th>Input Voltage</th>
<th>Coil Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>781XAXM4L-24D</td>
<td>24 VDC</td>
<td>750 Ω</td>
</tr>
</tbody>
</table>

### Series 782
**DPDT Ice Cube Relays**
15 Amp, DPDT Operation

The Series 782 Electromechanical Ice Cube Relay is a full-featured DPDT relay that can be used to switch two different devices with a single trigger. With a rating of 15 amps, the relay can be used to stop and start small fans, motors, and pumps directly. It features a flag status indicator and a LED status lamp to let the user know when the relay is activated. In order to differentiate between AC and DC actuated models, the push-to-test button is color-coded. For testing the operation, a removable lock-down lever holds the test button in place. The clear plastic housing gives a view of the contacts, and there is a removable I.D tag for labeling the circuit.

#### SPECIFICATIONS
- **Operating and Load Voltage Range:** 24 to 240 VAC; 24 VDC.
- **Electrical Connection:** Silver alloy plug-in contacts.
- **Switching Operation:** DPDT.
- **Electrical Rating:**
  - 15 A @ 120 VAC 50/60Hz;
  - 12 A @ 277 VAC 50/60 Hz or 28 VDC (UL);
  - 10 A @ 277 VAC 50/60 Hz (CSA).
- **Temperature Limits:**
  - Storage: -40 to 185°F (-40 to 85°C);
  - Operation: -40 to 131°F (-40 to 55°C).
- **Power Consumption:** 1.2 VA; 0.9W.
- **Cycle Life:** 100,000 cycles (electrical); 10,000,000 cycles (mechanical).
- **Housing:** Plastic polycarbonate.
- **Weight:** 1.3 oz (36 g).
- **Agency Approvals:** CE, CSA, RoHS, cUL, UL, cUR, UR.

#### ACCESSORY
- 70-782D8-1A, Socket for 782 Series Relay

<table>
<thead>
<tr>
<th>AC Operated</th>
<th>Input Voltage</th>
<th>Coil Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>782XBXM4L-24A</td>
<td>24 VAC 50/60 Hz</td>
<td>180 Ω</td>
</tr>
<tr>
<td>782XBXM4L-120A</td>
<td>120 VAC 50/60 Hz</td>
<td>4430 Ω</td>
</tr>
<tr>
<td>782XBXM4L-240A</td>
<td>240 VAC 50/60 Hz</td>
<td>15720 Ω</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DC Operated</th>
<th>Input Voltage</th>
<th>Coil Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>782XBXM4L-24D</td>
<td>24 VDC</td>
<td>850 Ω</td>
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