ICE CUBE RELAYS  
3PDT or 4PDT Operation

The SERIES 783 & 784 Electromechanical Ice Cube Relays are full-featured relays that can be used to handle loads up to 15 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 and a removable lock-down lever holds the test button in place.

FEATURES/BENEFITS
• Clear plastic housing to easily view the contacts
• Flag and LED status indicators for visual confirmation of relay state
• Socket mounted for quick installation/repair

APPLICATIONS
• Refrigeration compressor systems
• HVAC motor controls
• Water/wastewater pump control

The SERIES SCS Low Cost Current Switches are ideal for monitoring whether fans, pumps, or motors are operating. The current flowing through the core of the device powers the circuit without an external power supply. All models have a built in solid state output and are easy to install. Optional LED’s and 10 Amp relay modules are available. The SERIES SCS is available in both split and solid core configurations.

FEATURES/BENEFITS
• Solid core or split core configurations
• Integral mounting flange for quick installation
• Socket mounted for quick installation/replacement

APPLICATIONS
• PROCESS CONTROL

MODEL CHART

<table>
<thead>
<tr>
<th>Model</th>
<th>Operation</th>
<th>Input Voltage</th>
<th>Coil Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>783CX4M4L-24A</td>
<td>AC</td>
<td>24 VAC 50/60 Hz</td>
<td>103 Ω</td>
</tr>
<tr>
<td>783CX4M4L-120A</td>
<td>AC</td>
<td>120 VAC 50/60 Hz</td>
<td>2770 Ω</td>
</tr>
<tr>
<td>783CX4M4L-24D</td>
<td>DC</td>
<td>24 VDC</td>
<td>400 Ω</td>
</tr>
<tr>
<td>784DX4M4L-24A</td>
<td>AC</td>
<td>24 VAC 50/60 Hz</td>
<td>84.5 Ω</td>
</tr>
<tr>
<td>784DX4M4L-120A</td>
<td>AC</td>
<td>120 VAC 50/60 Hz</td>
<td>2220 Ω</td>
</tr>
<tr>
<td>784DX4M4L-24D</td>
<td>DC</td>
<td>24 VDC</td>
<td>388 Ω</td>
</tr>
</tbody>
</table>

SPECIFICATIONS

- Operating and Load Voltage Range: 24 to 240 VAC; 24 VDC.
- Electrical Connection: Silver alloy plug-in contacts.
- Switching Operation: 3PDT or 4PDT.
- Electrical Rating: 15 A @ 120 VAC 50/60 Hz; 12 A @ 277 VAC 50/60 Hz or 28 VDC.
- Temperature Limits: Storage: -40 to 185°F (-40 to 85°C); Operation: -40 to 131°F (-40 to 55°C).
- Cycle Life: 100,000 cycles (electrical); 10,000,000 cycles (mechanical).
- Housing: Plastic polycarbonate.
- Weight: 783: 2.1 oz (60 g); 784: 2.8 oz (80 g).
- Agency Approvals: CE, CSA, cULus, cURus.