**SERIES MCS**

**MINIATURE CURRENT SWITCH**

Low Cost, Solid or No Core, LED Confirmation, Adjustable Set Point

The Series MCS Miniature Current Switch is ideal for monitoring the current usage in fuse boxes and small control panels. Both models have adjustable set points and LED indication to show there is no power to the unit and when the switch is activated. Series MCS is offered in solid core or no core versions, with the no core version including terminal blocks that accept up to 1 amp directly into the unit.

**FEATURES/BENEFITS**

- Compact size allows to mount in small control panels
- Adjustable set points
- LED status indicators for visual confirmation

**APPLICATIONS**

- Monitoring current usage in control panels
- Monitoring operation of fans, pumps, and motors

**SPECIFICATIONS**

- **Amperage Range:** MCS-111050: 0.5 to 50 A AC continuous; MCS-111001: 0.01 to 1 A AC continuous.
- **Output Rating:** Isolated, N.O. 0.3 A @ 130 V DC/AC.
- **Power Requirements:** None, self-powered.
- **Hysteresis:** 1%.
- **Response Time:** <200 ms.
- **Humidity Limits:** 10 to 95% RH (non-condensing).
- **Enclosure Rating:** UL 94V-0 flammability rated ABS, insulation class 600 V.
- **Weight:** 0.5 oz (14.5 g).

**MODEL CHART**

<table>
<thead>
<tr>
<th>Model</th>
<th>Case</th>
<th>Minimum Set Point</th>
<th>LED</th>
<th>Dry Contact Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCS-111050</td>
<td>Solid core</td>
<td>Adjustable</td>
<td>Red/green</td>
<td>Yes</td>
</tr>
<tr>
<td>MCS-111001</td>
<td>No core</td>
<td>Adjustable (terminal connection)</td>
<td>Red/green</td>
<td>Yes</td>
</tr>
</tbody>
</table>

---

**SERIES CCS**

**CURRENT SWITCHES**

Solid or Split Core, LED Visual Confirmation, Fixed or Adjustable Set Point

The Series CCS Current Switch is ideal for monitoring the operating status of fans, pumps, and motors. These self-powered switches can be hung or tied directly to cables or wires. For use on existing installations, split core models are available and can be installed without disconnecting cables.

**FEATURES/BENEFITS**

- Fixed and adjustable set points available
- Solid and split core models available
- LED status indicators for visual confirmation

**APPLICATIONS**

- Monitoring current usage in control panels
- Monitoring operation of fans, pumps, and motors

**SPECIFICATIONS**

- **Amperage Range:** 0 to 200 A AC.
- **Maximum Switch Rating:** For dry contact models: 0.3 A @ 135 VAC/DC; For non-dry contact models: 1 A @ 240 VAC.
- **Power Requirements:** None, self-powered.
- **Temperature Limits:** -22 to 158°F (-30 to 70°C).
- **Humidity Limits:** 0 to 95% (non-condensing).
- **Isolation Voltage:** 2000 V.
- **Frequency:** 40 to 400 Hz.
- **Enclosure Rating:** UL 94 V-O flammability rated ABS plastic housing.
- **Agency Approvals:** CE, cUL, UL.

**MODEL CHART**

<table>
<thead>
<tr>
<th>Model</th>
<th>Case</th>
<th>Set Point</th>
<th>Minimum Set Point</th>
<th>LED</th>
<th>Dry Contact Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCS-121050</td>
<td>Solid core</td>
<td>Fixed</td>
<td>0.50</td>
<td>Red</td>
<td>Yes</td>
</tr>
<tr>
<td>CCS-111100</td>
<td>Solid core</td>
<td>Adjustable</td>
<td>1.00</td>
<td>Red/green</td>
<td>No</td>
</tr>
<tr>
<td>CCS-221100</td>
<td>Split core</td>
<td>Fixed</td>
<td>1.00</td>
<td>Red</td>
<td>Yes</td>
</tr>
<tr>
<td>CCS-211150</td>
<td>Solid core</td>
<td>Adjustable</td>
<td>1.50</td>
<td>Red/green</td>
<td>No</td>
</tr>
<tr>
<td>CCS-131100</td>
<td>Solid core</td>
<td>Adjustable</td>
<td>1.00</td>
<td>Red/green</td>
<td>Yes</td>
</tr>
<tr>
<td>CCS-231150</td>
<td>Split core</td>
<td>Adjustable</td>
<td>1.50</td>
<td>Red/green</td>
<td>Yes</td>
</tr>
</tbody>
</table>