The CS Series Current Switches combine a current transformer, signal conditioner and limit alarm into a single package. The CS series has an extended current input range, universal solid-state outputs and a wide frequency response. Available in a split core or a solid core case. Switches feature LED indication for local display or switch status.

### SPECIFICATIONS
- **Output:** Isolated, normally open.
- **Power Requirements:** None, self powered.
- **Temperature Limits:** -58 to 149°F (-50 to 65°C).
- **Hysteresis:** 5% of output.
- **Response Time:**
  - CS20: 0.120 sec
  - CS40/50: 0.04 to .120 sec
- **Isolation Voltage:** 1270 VAC.
- **Frequency:** 6-100 Hz.
- **Enclosure Rating:** UL, V-O flammability rated, ABS plastic housing.
- **Agency Approvals:** CE.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Setpoint Range</th>
<th>Core</th>
<th>Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS20-100</td>
<td>Adj. 1.75-150 A</td>
<td>Split</td>
<td>240 VAC/DC</td>
</tr>
<tr>
<td>CS20-220</td>
<td>Adj. 1-150 A</td>
<td>Solid</td>
<td>240 VAC/DC</td>
</tr>
<tr>
<td>CS40-220</td>
<td>Selectable 1-6, 6-40, &amp; 40-175 A</td>
<td>Solid</td>
<td>240 VAC</td>
</tr>
<tr>
<td>CS50-100</td>
<td>Selectable 1-6, 6-40, &amp; 40-175 A</td>
<td>Split</td>
<td>240 VDC</td>
</tr>
</tbody>
</table>

Love Controls LTTJ Series Current Transformers allow easy monitoring of the current flowing to your load. This easy to use device provides a 0 to 10 VDC signal into both low and high impedance circuits, and is easily scalable to your needs. Available in a number of different ranges, the LTTJ Series can be easily mounted on most LTP Series Solid State Relays for convenient wiring. Some models feature an LED for visual confirmation that current is flowing through the device.

### FEATURES
- 0 to 10 VDC Analog Output
- Impedance Matching for High or Low Impedance Inputs
- Fully Adjustable Output
- Over Voltage Protection