Wires connecting external sensor switches to SSR-2 relays should not be placed in raceways or conduits containing high voltage lines. Voltages induced from these lines may trigger the low-power, solid-state triac; causing it to turn "on" momentarily.

### Surge Current Ratings

(Non-Repetitive)

<table>
<thead>
<tr>
<th>Part Number</th>
<th>SSR-2 Rating</th>
<th>Overload Time</th>
<th>0.010 Sec</th>
<th>1.0 Sec</th>
<th>10 Sec</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRR-25</td>
<td>5 Amps, AC</td>
<td></td>
<td>30</td>
<td>20</td>
<td>10</td>
</tr>
<tr>
<td>SRR-210</td>
<td>10 Amps, AC</td>
<td></td>
<td>50</td>
<td>30</td>
<td>15</td>
</tr>
</tbody>
</table>

**Note:** Mechanical holding or latching contacts (contactors) may cause some loads to latch under transient conditions.

### Specifications

- **Operating & Load Voltage Range:** 24 to 260 VAC
- **Voltage Loss:** 2 VAC
- **Sensor Current, Max.:** 20 mA
- **Allowable Resistance in Sensor Circuit to Turn "ON" (Max.):** 4 kΩ @ Nom. Volt.
- **Leakage Current Thru Load Term.:** 12 mA @ 240 VAC
- **Switching Mode:** SPST, N.O.
- **Operating Temperature:** 0°F to 120°F (-17.8°C to 48.9°C)