Product Data Sheet

ST750M4

Motor Terminal Block
35 Amps, 1000 Volts UL (AC/DC)
1000V CE, 1,100V SANS 1804

Line and Load side: M4 stud
Wire range: #8 - #18 AWG (10 - 0.75 mm²) stranded Cu wire
• Studs intended for use with listed crimp/compression lugs.

Electrical and Agency Ratings:

<table>
<thead>
<tr>
<th>Agency</th>
<th>Amperage</th>
<th>Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>UL 1059</td>
<td>35 50 1,008</td>
<td>1000 E 1000 I 3 1100</td>
</tr>
<tr>
<td>CSA 22.2 #158</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CE IEC 60947-7-1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SANS 1804-2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>UL/CSA</th>
<th>CE</th>
<th>UL/CSA</th>
<th>CE</th>
<th>SANS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amp Rating</td>
<td>Volt Rating</td>
<td>Amp Rating (Iₜₙ)</td>
<td>Short Time Withstand Current (Iₙₜₕ)</td>
<td>Material Group</td>
</tr>
<tr>
<td>XCFR2 E62806</td>
<td>XCFR8 E62806</td>
<td>XCHG2 E243117</td>
<td>XCHG2 E243117</td>
<td></td>
</tr>
</tbody>
</table>

Mechanical Ratings:
• Maximum insulator base temperature: 130°C (266°F) UL RTI
• Flammability rating of insulator base: UL 94 V-0
* Use outside these ratings needs to be judged in the end-use application.

Materials:
• Link: Copper, nickel plated
• Insulator base: Thermoset polyester
• Threaded stud: Steel, nickel plated
• Hex nut: Steel, zinc plated
• Flat washer: Steel, zinc plated
• Lock washer: Steel, zinc plated
• RoHS Compliant
• REACH Compliant

Torque:

Line and Load Side Torque:
• Wire range: #8 - #18 AWG (10 – .75 mm²) Stranded Cu wire
• 21 in. lbs. (2.4 N·m)
• Hex nut: 8 mm across flats
• Panel mountable: #8 (M4) fastener, torque to 15 – 20 in. lbs. (1.7 – 2.3 N·m)