Product Data Sheet

ST750M12
Motor Terminal Block
315 Amps, 1000 Volts UL (AC/DC)
1000V CE, 1,100V SANS 1804

Line and Load side: M12 stud
Wire range: 400 kcmil - #8 AWG (185 - 10 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>UL/CSA</td>
<td>CE</td>
</tr>
<tr>
<td>CSA 22.2 #158</td>
<td>Amp Rating</td>
<td>Amp Rating (Iₚₚ)</td>
</tr>
<tr>
<td>CE IEC 60947-7-1</td>
<td>SANS 1804-2</td>
<td>315</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: 400 kcmil - #8 AWG (185 – 10 mm²) Stranded Cu wire
* 274 in. lbs. (31.0 N·m)
• Hex nut: 19 mm across flats
• Panel mountable: 3/8 (M10) fastener, torque to 80 – 100 in. lbs. (9.0 – 11.3 N·m)