Product Data Sheet

ST755M10

Motor Terminal Block
185 Amps, 1000 Volts UL (AC/DC)
1000V CE, 1100V SANS 1804

Line and Load side: M10 stud
Wire range: 3/0 - #8 AWG (95-10 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>CSA 22.2</td>
<td>CE IEC 60947-7-1</td>
</tr>
<tr>
<td>Amp Rating (Iₐ)</td>
<td>Short Time Withstand Current (Iₜₐ)</td>
<td>Volt Rating (U)</td>
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</tbody>
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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: 3/0 - #8 AWG (95 –10 mm²) Stranded Cu wire
• 177 in. lbs. (20.0 N·m)
• Hex nut: 17 mm across flats
• Panel mountable: 5/16 (M8) fastener, torque to 40 – 50 in. lbs. (4.5-5.7 N·m)