ST750M16
Motor Terminal Block
520 Amps, 1000 Volts UL (AC/DC)
1000V CE, 1,100V SANS 1804

Line and Load side: M16 stud
Wire range: (2) 300 kcmil - #2 AWG (150 -35 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>
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</thead>
<tbody>
<tr>
<td>UL 1059</td>
<td>CSA 22.2</td>
<td>CE IEC 60947-7-1 SANS 1804-2</td>
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<tr>
<td>XCFR2. E62806</td>
<td>XCFR2. E62806</td>
<td>XCHG2. E243117 XCHG2. E243117</td>
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<tr>
<td>Amp Rating</td>
<td>Amp Rating (Iₚ)</td>
<td>Short Time Withstand Current (Iₑₑₑ)</td>
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<tr>
<td>Volt Rating</td>
<td>Use Group</td>
<td>Volt Rating (Uᵰ)</td>
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<tr>
<td>Material Group</td>
<td>Pollution Degree</td>
<td>Volt Rating</td>
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<tr>
<td>Clearance Through air (min.)</td>
<td>Creepage Over Surface (min.)</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: (2) 300 kcmil - #2 AWG (150 – 35 mm²) Stranded Cu wire
• 531 in. lbs. (60.0 N·m)
- Hex nut: 24 mm across flats
- Panel mountable: 3/8 (M10) fastener, torque to 80 – 100 in. lbs. (9.0 – 11.3 N·m)