335 Amps  600 Volts AC/DC

Wire Range
- Line: (1) 400kcmil - #6 AWG (185 - 16 mm²) and (1) 3/0 - #14 (70 - 2.5 mm²)
- Load: (8) #2 - 14 AWG (35 - 2.5 mm²)

Electrical Ratings
- 335 Amps
- 600V per UL 1059 & CSA 22.2 No.158, class B & C requirements
- 1000 V AC/DC per IEC 60947-7-1 (CE)
- Short circuit current ratings (SCCR): See SCCR section below for specifications.
- CU7AL - 75°C connector terminal rating with copper or aluminum wire
- Touch protection: IP-20 (IEC 60529)
- Factory & Field Wiring

Agency Compliance
- UR - UL Recognized Terminal Block, Evaluated to UL 1059, File No.XCFR2.E62806
- CSA - certified to C22.2 No. 158, File No. LR19766 (wire classes B & C only)
- CE compliant to IEC 60947-7-1

Material Information
- Insulator base:
  - Thermoplastic
  - Flammability rating of insulator base UL94V0
  - Insulator base temperature rating: -40°C to 125°C (UL RTI)
- Connector: aluminum, tin plated
- Line terminal set screws: aluminum, tin plated
- Load terminal set screws: steel, nickel plated
- Connector mounting screws: steel, zinc plated
- RoHS compliant
## Termination Specifications

<table>
<thead>
<tr>
<th>Line Side</th>
<th>Terminal</th>
<th>Wire Size (CU Stranded)</th>
<th>Torque</th>
<th>Wires / Terminal</th>
<th>Wire Class (UL) ¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>400 - 6</td>
<td>400 - 2/0</td>
<td>42.4 N·m (375 lbf·in)</td>
<td>1</td>
<td>B, C, G, H, I (DLO)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1/0 - 2</td>
<td>42.4 N·m (375 lbf·in)</td>
<td>1</td>
<td>B, C, G, H, I (DLO)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4 - 6</td>
<td>42.4 N·m (375 lbf·in)</td>
<td>1</td>
<td>B, C</td>
<td></td>
</tr>
<tr>
<td>3/0 - 14</td>
<td>3/0</td>
<td>13.6 N·m (120 lbf·in)</td>
<td>1</td>
<td>B, C</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2/0 - 1</td>
<td>13.6 N·m (120 lbf·in)</td>
<td>1</td>
<td>B, C, G, H, I (DLO)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2 - 6</td>
<td>9.0 N·m (80 lbf·in)</td>
<td>1</td>
<td>B, C, G, H, I (DLO)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>4.5 N·m (40 lbf·in)</td>
<td>1</td>
<td>B, C, G, H, I (DLO)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>10 - 14</td>
<td>4.5 N·m (40 lbf·in)</td>
<td>1</td>
<td>B, C, I (DLO)</td>
<td></td>
</tr>
</tbody>
</table>

- Aluminum stranded wire range: 400 kcmil - 6 AWG (185 - 16 mm²)
- Wire strip length: 1 7/16 in (36mm) & 1 in. (25mm)
- IP-20 protection: 400 kcmil - 300 kcmil & 3/0 - 4 AWG
- Terminal screw drive: 8 mm & 6 mm hex

<table>
<thead>
<tr>
<th>Load Side</th>
<th>Wire Size (CU Stranded)</th>
<th>Torque</th>
<th>Wires / Terminal</th>
<th>Wire Class (UL) ¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 - 4</td>
<td>9.0 N·m (80 lbf·in)</td>
<td>1</td>
<td>B, C, G, H, I (DLO)</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>9.0 N·m (80 lbf·in)</td>
<td>1 - 2</td>
<td>B, C, G, H, I (DLO)</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>4.5 N·m (40 lbf·in)</td>
<td>1 - 2</td>
<td>B, C, G, H, I (DLO)</td>
<td></td>
</tr>
<tr>
<td>10 - 14</td>
<td>4.5 N·m (40 lbf·in)</td>
<td>1 - 4</td>
<td>B, C, I (DLO)</td>
<td></td>
</tr>
</tbody>
</table>

- Wire strip length: 5/8 in. (16mm)
- IP-20 protection: 2 - 12 AWG
- Terminal screw drive: 5 mm hex

¹ For information on copper stranded wire classes please visit:
Short Circuit Current Ratings (SCCR)

- The suitable conductor ranges are limited to the table values only for achieving the SCCR in excess of the default rating of 10,000A.
- Other conductor combinations within the “Terminal Specifications” noted are suitable for achieving a SCCR of 10,000A (the default rating of terminal blocks).
- Enclosure size – Investigated with a minimum 16X12X6 enclosure. Use in smaller enclosures is subject to end use evaluation.

<table>
<thead>
<tr>
<th>Wire Class</th>
<th>Suitable Conductors</th>
<th>Max Overcurrent Protection</th>
<th>Fuse Required</th>
<th>SCCR RMS Sym. Amps</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Line</td>
<td>Load</td>
<td>J</td>
<td>T</td>
</tr>
<tr>
<td>B, C</td>
<td>400 - 3/0</td>
<td>2 - 8</td>
<td>400</td>
<td>400</td>
</tr>
<tr>
<td>B, C</td>
<td>400 - 6</td>
<td>2 - 10</td>
<td>200</td>
<td>200</td>
</tr>
<tr>
<td>G, H, I</td>
<td>400 - 6</td>
<td>2 - 10</td>
<td>300</td>
<td>300</td>
</tr>
<tr>
<td>(*)</td>
<td>400-6 &amp; 2/0-14</td>
<td>2 - 14</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

* Any wire class evaluated (see terminal specification section)

**Installation & Accessories**

- Mounting (Panel):
  - For use with M6 fasteners.
  - Torque mounting fastener to 30-40 lbf·in (3.4 - 4.5 N·m).
- Safety plugs: EPB Plug 400 Line side, EPB Plug 2/0 Line side, EPB Plug 2 Load side
- Marker cards:
  - White plastic inserts: EPB Marker Card
- Allen wrenches (6mm):
  - S & K tools
    - 5 mm: 45955
    - 6 mm: 45956
    - 8 mm: 45958
  - Snap-on tools
    - 5 mm: FAML5E
    - 6 mm: FAML6E
    - 8 mm: FAML8E
  - MAC tools
    - 5 mm: XDLS5MM
    - 6 mm: XDLS6MM
    - 8 mm: XDLS8MM
  - McMaster Carr
    - 5 mm: 8367A23
    - 6 mm: 8367A24
    - 8 mm: 8367A26
  - Armstrong
    - 5 mm: 38-709
    - 6 mm: 38-711
    - 8 mm: 38-713