**Specifications**

UL Rating: 20A, 250V*

CSA Rating: 15A, 150V or 10A, 300V*

Center Spacing: 0.325” (8.26mm)

Wire Range: #14-22 AWG Cu

Screw Size: #6-32 zinc-plated philslot wire-ready screws with a #2 driving recess.

Torque Rating: 9 lb-in.

Distance Between Barriers: 0.26” (6.6mm)

Recommended PCB Hole Diameter: 0.070” (1.78mm)

Operating Temperature: -40°C to 105°C (-40°F to 221°F)

Molded Material: Black, UL Rated 94V0 Thermoplastic

Breakdown Voltage: 1600V

Agency Information: UL1059 (File:E62622); CSA std C22.2 No. 158-10 (File: 15364); Complies to IEC 60947-7-1; CE

* Consult respective agency standards and files for full details

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**Dimensions**

Inches (Millimeters)

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**Eaton's single row terminal blocks may, on occasion, have various cosmetic variations on their ends due to machining operations that achieve the proper number of poles required. Cutting and machining blemishes are permissible and have no effect on the fit, form or function of the product.**

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**Dimensions in inches. To convert to millimeters, multiply by 25.4.**
Part Numbering System

**Family**
- A1 - standard barrier
- CB1 - closed back

**Terminal Style**
- 02 - printed circuit
- 04 - wire wrap
- 07 - extended pin

**Base/End**
- 1 - mount end
- 2 - barrier end

**Poles**
- 02 to 24 A1
- 02 to 30 CB1

**Screw Options**
- Blank–std. screws
- 03- stainless steel
- 07- steel SEMS & washer (not available with hardware options)

**Options**
- DR - angle mts. (A1 only-pg 5)
- B1 to B9 - 0.187” QC (all positions)
- L1 to L6 marking options (pg 25)
- LT1 to LT6 marking options (CB1 only-pg 25)
- MP & MT - mounting plates
- 0.150 dia (pg 5)
- R26 - rightangle bends (A1 only-pg 5)

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**Terminal Styles** Inches (Millimeters)

<table>
<thead>
<tr>
<th>Style</th>
<th>Inches</th>
<th>Millimeters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Printed Circuit</td>
<td>02</td>
<td>0.055 (1.40)</td>
</tr>
<tr>
<td>Wire Wrap Tail</td>
<td>04</td>
<td>0.065 (1.65)</td>
</tr>
<tr>
<td>Extended Pin</td>
<td>07</td>
<td>0.065 (1.65)</td>
</tr>
</tbody>
</table>

**Screw Options** Wire ready screws standard on all terminal styles

- (Bulk ordering part numbers are in parentheses)

<table>
<thead>
<tr>
<th>Screw Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>03</td>
<td>Stainless Steel (F510-J)</td>
</tr>
<tr>
<td>07</td>
<td>Zinc-Plated Steel Screws (F522-J)</td>
</tr>
</tbody>
</table>

**Hardware Options** Inches (Millimeters)

- (Bulk ordering part numbers are in parentheses)

**Jumpers**

- (JA1-xx-J)
- (JB1-xx-J)
- (JC1-xx-J)

**Quick Connects** Blade Width B = 0.187”

- B1 (B1-J)**
- B2 (B2-J)**
- B3 (B3-J)**
- B4 (B4-J)**
- B5 (B5-J)**
- B6 (B6-J)**
- B7 (B7-J)
- B8 (B8-J)
- B9 (B9-J)

*Contact Eaton for desired configuration

** N/A on CB1
Mounting Options

Right Angle Bends (A1 only)

Right angle terminals are offered on the A1. Configurations are defined in these dimensions: X = pin extension beyond the block base; Z = length from block base to centerline of the terminal tip. Standard bends consist of the X and Z dimensions shown in the chart. Specify by adding the R26 Bend Option Code to the terminal part number.

<table>
<thead>
<tr>
<th>Bend Option Code</th>
<th>X</th>
<th>Z</th>
</tr>
</thead>
<tbody>
<tr>
<td>R26 (D4 terminal only)</td>
<td>0.14 (3.5)</td>
<td>0.09 (2.3)</td>
</tr>
</tbody>
</table>

Dimensions: in (mm)

Right Angle Bends (A1 only)

(Dimensions in inches)

Option DR

Counterbored holes across mount ends of block enable fastening with two screws at right angles to normal mount position.

Mounting Plates

Options MP & MT

MP Metal inserts with 0.150” (3.8) dia. hole accept #6 screw.

MT Metal inserts with tapped hole accept #6-32 screw.

Bulk part numbers 1MPJ & 1MTJ.
Single Row Terminal Blocks

Effective November 2019
Supersedes December 2017

Tools & resources

- Webpage
- Terminal block selector tool
- Terminal block cross reference
- Contact us