



**marathon**™  
Special Products

Product Data Sheet

**141X301**

Replace "x" with 1, 2, 3 or 4 for number of poles

Power Terminal Block

## 115 Amps 600 Volts AC/DC

### Wire Range

- Line: (1) #2 - #14 AWG
- Load: (1) #2 - #14 AWG & (1) QC

### Electrical Ratings

- 115 Amps
- 600V per UL 1059 & CSA 22.2 No.158, class B & C requirements
- SCCR of 10,000 A (default for terminal blocks).
- CU7AL - 75°C connector terminal rating with copper or aluminum wire
- 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

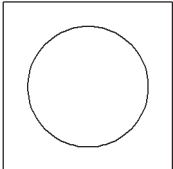
### Material Information

- Insulator base:
  - Thermoplastic
  - Flammability rating of insulator base UL94V0
  - Insulator base temperature rating: -40°C to 125°C (UL RTI)
- Connector: aluminum, tin plated
- Terminal screws: steel, nickel plated
- Connector mounting screws: steel, zinc plated
- RoHS compliant


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## Termination Specifications

Line Side	Wire Size (CU Stranded)	Torque	Wires / Terminal	Wire Class (UL) <sup>1</sup>
	2	5.6 N·m (50 lbf·in)	1	B, C
	4 - 6	5.1 N·m (45 lbf·in)	1	B, C, G, H, I (DLO)
	8	4.5 N·m (40 lbf·in)	1	B, C, G, H, I (DLO)
	10 - 14	4 N·m (35 lbf·in)	1	B, C, I (DLO)

- Aluminum wire range: 2 - 12 AWG
- Solid copper wire range: 10 - 14 AWG
- Wire strip length: 1/2 in. (13mm)
- Terminal screw drive: slotted

Load Side	Wire Size (CU Stranded)	Torque	Wires / Terminal	Wire Class (UL) <sup>1</sup>
	2	5.6 N·m (50 lbf·in)	1	B, C
	4 - 6	5.1 N·m (45 lbf·in)	1	B, C, G, H, I (DLO)
	8	4.5 N·m (40 lbf·in)	1-2 <sup>2</sup>	B, C, G, H, I (DLO)
	10 - 14	4 N·m (35 lbf·in)	1-2 <sup>2</sup>	B, C, I (DLO)
	(1) Male 1/4" quick connect (for #10 max wire)			

- Aluminum wire range: 2 - 12 AWG
- Solid copper wire range: 10 - 14 AWG
- Wire strip length: 1/2 in. (13mm)
- Terminal screw drive: slotted

<sup>1</sup> For information on copper stranded wire classes please visit:  
<http://www.marathonsp.com/flexible-stranded-wire.php>

<sup>2</sup> Multiple wire rating applies to Class-I only. Classes B & C are rated for 1 wire per terminal.

**Installation & Accessories**

- Mounting (Panel):
  - For use with #10 fastener.
  - Recommended mounting torque: 25-30 lbf·in (2.8 - 3.4 N·m).
  
- Covers:
  - Snap-on covers available upon request
  - Catalog Number: CC141x (replace "x" with number of poles)
  - Covers are semiclear polycarbonate
  - Accessory covers are not intended to provide insulation for electrical spacings.

**Drawing**

