

marathon™
Special Products

Product Data Sheet

141X205

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) #10 - 32 Tapped Hole and (2) Quick Connects

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

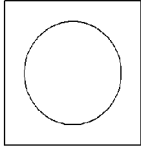
Material Information

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

A Regal Brand

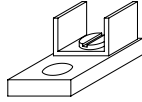
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Termination Specifications

| Line Side | Wire Size (CU Stranded) | Torque | Wires / Terminal | Wire Class (UL) ¹ |
|---|----------------------------|---------------------|---------------------|------------------------------|
|  | 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: 9/16in. (14mm)
- Terminal screw drive: slotted

- ¹ For information on copper stranded wire classes please reference:
<http://www.marathonsp.com/CatalogPDFs/Flexible-Stranded-Wire.pdf>

| Load Side | Termination Type | Torque | Tap Depth | Maximum Lug Width |
|---|--|------------------------|----------------|----------------------|
|  | (2) Female 1/4" quick connects (for #10 max wire) | n/a | n/a | n/a |
| | Listed lugs anchored with 10 - 32 screws | 2.8 N·m (25 lbf·in) | 0.16" (4mm) | 0.16" (4mm) |

- For use with conductors prepared with listed connectors such as single hole compression/crimp lugs or listed ring, fork or spade terminals.
- Conductor size, ampacity, temperature rating and type are dictated by the ratings of the listed lugs utilized and applicable code requirements.

Installation & Accessories

- Mounting (Panel):
 - For use with #10 fastener.
 - Torque mounting fastener to 25-30 lbf·in (2.8 - 3.4 N·m).
- Covers:
 - Flat covers available upon request
 - Catalog Number: CC141x (replace "x" with number of poles)
 - Covers are clear polycarbonate
 - Accessory covers are not intended to provide insulation for electrical spacings.
- Marker Strip: white vinyl strip with mounting screws available.
- Printing options available, consult customer service for specifications.

Drawing

