



**marathon™**  
Special Products

## Product Data Sheet

# 143X126

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

Power Terminal Block

## 310 Amps 600 Volts AC/DC

### Wire Range

- Line: (1) 350 kcmil - #6 AWG
- Load: (1) 350 kcmil - #6 AWG

### Electrical Ratings

- 310 Amps
- 600V per UL 1059 & CSA 22.2 No.158, class B & C requirements
- Short circuit current ratings (SCCR): See SCCR section below for specifications.
- 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

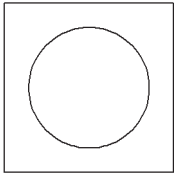
### Material Information

- Insulator base:
  - Phenolic
  - Flammability rating of insulator base UL94V0
  - Insulator base temperature rating: -40°C to 150°C (UL RTI)
- Connector: aluminum, tin plated
- Terminal set screws: aluminum, tin plated
- Connector mounting screws: steel, zinc plated
- RoHS compliant

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## Termination Specifications

| Line & Load Side                                                                  | Wire Size<br>(CU Stranded) | Torque                | Wires /<br>Terminal | Wire Class (UL) <sup>1</sup> |
|-----------------------------------------------------------------------------------|----------------------------|-----------------------|---------------------|------------------------------|
|  | 350 - 300 kcmil            | 31.1 N·m (275 lbf·in) | 1                   | B, C                         |
|                                                                                   | 250 - 2                    | 31.1 N·m (275 lbf·in) | 1                   | B, C, G, H, I (DLO)          |
|                                                                                   | 4 - 6                      | 31.1 N·m (275 lbf·in) | 1                   | B, C                         |

- Aluminum wire range: 350 kcmil - #6 AWG
- Wire strip length:
  - line & load side taps: 1 1/16 in. (27mm)
- Terminal screw drive: 5/16 in. hex

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

## Installation & Accessories

- Mounting (Panel):
  - For use with #10 fastener.
  - Mounting Torque to be determined in end use application not to exceed 30 lbf·in (3.4 N·m)
- Covers:
  - Flat covers available upon request
  - Catalog Number: CC143x (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

