marathon™
Special Products

Product Data Sheet

140X801

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

Power Terminal Block

255 Amps 600 Volts AC/DC

Wire Range
- Line: (1) 250 kcmil - #6 AWG
- Load: (1) 250 kcmil - #6 AWG

Electrical Ratings
- 255 Amps
- 600V per UL 1059 & CSA 22.2 No.158, class B & C requirements
- SCCR of 10,000 A (default for terminal blocks).
- CU9 - 90°C connector terminal rating with copper wire
- Factory & Field Wiring

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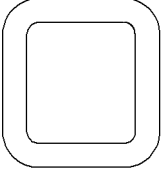- CE compliant to IEC 60947-7-1

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

Termination Specifications

Line & Load Side	Wire Size (CU Stranded)	Torque	Wires / Terminal	Wire Class (UL) [1]
	250 kcmil	31.1 N·m (275 lbf·in)	1	B, C
	4/0	31.1 N·m (275 lbf·in)	1	B, C, G, H
	3/0 - 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

- Wire strip length: line & load side taps - 1 3/16 in. (30mm)
- Terminal screw drive: 3/8 in. (10mm) hex

[1] 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 1/4 fastener.
  - Torque mounting fastener to 30-40 lbf·in (3.4 - 4.5 N·m).

- Covers:
  - Flat covers available upon request
  - Catalog Number: CH140x (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

4.13 [104.8]
.95 [24.1]
1.00 [25.4]
3.38 [85.7]
3.52 [89.3]

5.38 [136.5]
4.63 [117.5]
4.77 [121]

2.06 [52.3]
2.90 [73.7]

(2)SLOTS .27 X .38 [6.7 X 9.5]
(4)SLOTS .22 X .38 [5.5 X 9.5]