



marathon[™]
Special Products

Product Data Sheet

144X614

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

Power Terminal Block

840 Amps 600 Volts AC/DC

Wire Range

- Line: Listed ring lugs or bus bars
- Load: Listed ring lugs or bus bars

Electrical Ratings

- 840 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

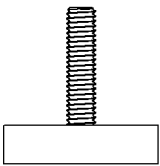
Agency Compliance

- 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:
 - Phenolic
 - Flammability rating of insulator base UL94V0
 - Insulator base temperature rating: -40°C to 150°C (UL RTI)
- Connector: copper, tin plated
- Threaded stud: brass, tin plated
- Hex nut: brass, nickel plated
- RoHS compliant

Termination Specifications

Line & Load Side	Termination Type	Torque	Stud Length	Maximum Lug/Bar Width
	Listed lugs on 3/8 - 16 studs	21.7 N·m (192 lbf·in)	1" (25mm)	1.50" (38mm)

- 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: CH144x (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

