



**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: 3/8-16 x 1" stud
- Load: 3/8-16 x 1" stud

### Electrical Ratings

- 840 amps
- 600V per UL 1059 & CSA 22.2 No.158, 620A CSA class B & C applications
- SCCR of 10,000 A (default for terminal blocks)
- Factory & Field Wiring

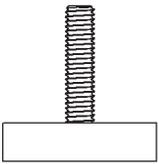
### Agency Compliance

- UR - UL Recognized Terminal Block, Evaluated to UL 1059, File No.XCFR2.E62806
- CSA - certified to C22.2 No. 158, File No. LR19766

### 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: CC144x (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**

