



## **410 Amps 600 Volts AC/DC**

### **Wire Range**

- Line: 1/2 - 13 X 1 3/8 Stud
- Load: 1/2 - 13 X 1 3/8 Stud

### **Electrical Ratings**

- 410Amps
- 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

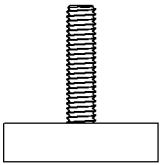
### **Agency Compliance**

- 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: copper, tin plated
- Studs: steel, tin plated
- Nuts: steel, zinc plated
- Connector mounting screws: steel, zinc plated
- RoHS compliant

## Termination Specifications

Line & load Side	Termination Type	Torque	Stud Length (mm/in)	Maximum Lug/Bar Width
	Listed lugs on 1/2 X 13 studs	47.7 N·m (422 lbf·in)	1 3/8" (35mm)	1.55" (40mm)

- 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:
  - Snap-on hinged covers available upon request
  - Catalog Number: CH133x (replace "x" with number of poles)
  - Covers are black thermoplastic
  - 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**

