marathon®
Special Products

Product Data Sheet

145X613

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

Power Terminal Block

475 Amps 600 Volts AC/DC

Wire Range
- Line: (2) 3/8 - 16 X 1 7/16 studs
- Load: (1) 3/8 - 16 X 1 7/16 stud

Electrical Ratings
- 475 Amps
- 600V per UL 1059 & CSA 22.2 No.158, Class B & C requirements
- SCCR of 10,000 A (default for terminal blocks).
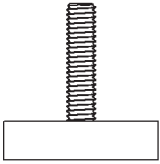- Factory & Field Wiring

Agency Compliance
- UR - UL Recognized Terminal Block, Evaluated to UL 1059, File No.XCFR2.E62806
- CSA - certifed to C22.2 No. 158, File No. LR19766 (Wire classes B & C only)

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: steel, tin plated
- Hex nut: brass, nickel plated
- Connector mounting screws: steel, zinc plated
- Spacer stud: nylon
- RoHS compliant

A Regal Brand

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Termination Specifications

Line & Load Side	Termination Type	Torque	Stud Length	Maximum Lug/Bar Width
	Listed lugs on 3/8 - 16 stud	21.7 N·m (192 lbf·in)	1 7/16" (37mm)	2.25" (57mm)

- 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.
- Hex nut provided: 9/16 across flat.

Installation & Accessories

- Mounting (Panel):
  - For use with 1/4 fastener.
  - Mounting torque to be determined in end use application not to exceed 40 lb·in (4.5 N·m).

- Covers:
  - Flat covers available upon request
  - Catalog Number: CH145x (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

3.17
[80.5]

5.88
[149.2]

8.54
[216.9]

3.13
[79.4]

4.75
[120.7]
TYP.

5.50
[139.7]

2.25
[57.2]

1.59
[40.5]
TYP.

2.69
[68.3]
TYP.

5.38
[136.5]

∅.27 [6.7] THRU
CB ∅.50 [10.3]
TYP.

.31
[7.7]