

Product Data Sheet

145X282

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

Power Terminal Block

760 Amps 600 Volts AC/DC

Wire Range

- Line: (2) 3/8 - 16 X 1" stud
- Load: (8) 2/0 - 14 AWG

Electrical Ratings

- 760 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

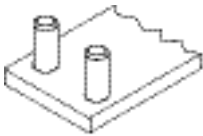
Material Information

- Insulator base:
 - Phenolic
 - Flammability rating of insulator base UL94V0
 - Insulator base temperature rating: -40°C to 150°C (UL RTI)
- Connector: aluminum, tin plated
- Terminal set screws: aluminum, tin plated
- Threaded stud: brass, tin plated
- Hex nut: brass, nickel plated
- Washer: 3/8" flat - steel, zinc plated
- Washer: 3/8" split - steel, zinc plated
- Connector mounting screws: steel, zinc plated
- RoHS compliant

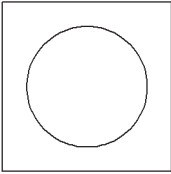
A Regal Brand

REGAL

Termination Specifications

Line Side	Termination Type	Torque	Stud Length	Maximum Lug/Bar Width
	Listed lugs on 3/8 - 16	21.7 N·m (192 lbf·in)	1" (25mm)	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 nuts provided: 9/16 across flats

Load Side	Wire Size (CU Stranded)	Torque	Wires / Terminal	Wire Class (UL) ¹
	2/0 - 4	13.6 N·m (120lbf·in)	1	B, C
	6	13.6 N·m (120lbf·in)	1 - 2	B, C
	8	4.5 N·m (40lbf·in)	1	B, C
		6.8 N·m (60lbf·in)	2	B, C
	10	4 N·m (35lbf·in)	1	B, C
		6.8 N·m (60lbf·in)	2	B, C
	12	4 N·m (35lbf·in)	1	B, C
		6.8 N·m (60lbf·in)	2	B, C
14	4 N·m (35lbf·in)	1	B, C	

- Aluminum wire range: 2/0 - 8 AWG
- Wire strip length: 11/16 in. (17mm)
- Terminal screw drive: 3/16 in. 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: CC 145x (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

