



marathon[™]
Special Products

Product Data Sheet

144X401

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

Power Terminal Block

335 Amps 600 Volts AC/DC

Wire Range

- Line: (1) 400 kcmil - #6 AWG
- Load: (6) #2 - #14 AWG

Electrical Ratings

- 335 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

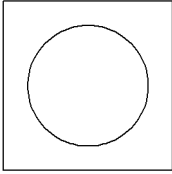
Material Information

- 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 & steel, nickel plated
- Connector mounting screws: steel, zinc plated
- RoHS compliant

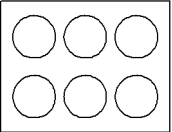
A Regal Brand

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Termination Specifications

Line Side	Wire Size (CU Stranded)	Torque	Wires / Terminal	Wire Class (UL) ¹
	400 - 350 kcmil	42.4 N·m (375 lbf·in)	1	B, C
	300 - 2	42.4 N·m (375 lbf·in)	1	B, C, G, H, I (DLO)
	4 - 6	42.4 N·m (375 lbf·in)	1	B, C

- Aluminum wire range: 400 kcmil - #6 AWG
- Wire strip length: 1 1/16in. (27mm)
- Terminal screw drive: 5/16 in. (8mm) hex

Load Side	Wire Size (CU Stranded)	Torque	Wires / Terminal	Wire Class (UL) ¹
	2 AWG	5.7 N·m (50 lbf·in)	1	B, C
	4 - 6	5.1 N·m (45 lbf·in)	1	B, C, G, H, I (DLO)
	8	4.5 N·m (40 lbf·in)	1-2 ²	B, C, G, H, I (DLO)
	10	4 N·m (35 lbf·in)	1 - 2	B, C, I (DLO)
	12 - 14	4 N·m (35 lbf·in)	1-4	B, C
			1-2	I (DLO)

- Solid copper wire range: #10 - 14
- Aluminum wire range: #2 - #14 AWG
- Wire strip length:
 - Top holes: 9/16in. (14mm)
 - Bottom holes: 1.0 in. (25mm)
- Terminal screw drive: slotted

¹ For information on copper stranded wire classes please reference:
<http://www.marathonsp.com/CatalogPDFs/Flexible-Stranded-Wire.pdf>

² Multiple wire rating applies to classes B, C, & I only

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

