



310 Amps 600 Volts AC/DC

Wire Range

- Line: (1) 350 kcmil - #6 AWG copper or aluminum wire
- Load: (24) #8 - #14 AWG copper wire only (any individual terminal point, 30 amps max)

Electrical Ratings

- 310 Amps
- 600V per UL 1059 & CSA 22.2 No.158, class B & C requirements
- 1000V AC/DC (IEC 60947-7-1 compliant)
- SCCR of 10,000 A (default for terminal blocks).
- CU9AL - 90°C connector terminal rating with copper or aluminum wire
- Factory & Field Wiring

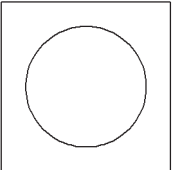
Agency Compliance

- cURus - UL Recognized Terminal Block, Evaluated to UL 1059 and CSA 22.2, File No.XCFR2.E62806 and XCFR8.E62806
- CE compliant to IEC 60947-7-1

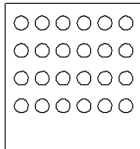
Material Information

- Insulator base:
 - Thermoplastic
 - Flammability rating of insulator base UL94V0
 - Insulator base temperature rating: -40°C to 125°C (UL RTI)
- Connector: aluminum, tin plated
- Connector mounting screws: steel, zinc plated
- RoHS compliant

Termination Specifications

Line Side	Wire Size (CU Stranded)	Torque	Wires / Terminal	Wire Class (UL) ¹
	350 kcmil - 6	31.1 N·m (275 lbf·in)	1	B, C

- Aluminum wire range: 350 kcmil - #6 AWG
- Wire strip length: 1 1/8 in. (29mm)
- Terminal screw drive: 5/16 in. hex

Load Side	Wire Size (CU Stranded)	Torque	Wires / Terminal	Wire Class (UL) ¹
	#8 AWG	1.4 N·m (12 lbf·in)	1	B, C
	10 - 14	1.4 N·m (12 lbf·in)	1	B, C, G, H, I (DLO)

- Wire strip length:
 - top row: 3/8 in. (10mm)
 - middle row: 1 1/16 in. (27mm)
 - bottom row: 1 1/16 in. (27mm)
- Terminal screw drive: 5/64 in. hex
- Any individual terminal point, 30 amps max

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 #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, snap-on vinyl strip available.
- Printing options available, consult customer service for specifications.

Drawing

