

POWER DISTRIBUTION BLOCK

1343596



Wire Range

- Line: (2) 250 kcmil - 6 (120mm² - 16mm²)
- Load: (12) #4 - 14 AWG (16mm² - 2.5mm²)

Electrical Ratings

- 510 Amps
- 600V per UL 1953 & CSA 22.2 No.158, class B & C requirements
- Short circuit current ratings (SCCR): See SCCR section below for specifications.
- CU7AL - 75°C connector terminal rating with copper or aluminum wire
- Factory & Field Wiring

Agency Compliance

- UL Listed, Investigated to UL 1953, File QPQS7.E309401
- cULus

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
- Line terminal set screws: aluminum, tin plated
- Load terminal set screw: steel, nickel plated
- Connector mounting screws: steel, zinc plated
- RoHS compliant

Short Circuit Current Ratings (SCCR)

- The suitable conductor ranges are limited to the table values only for achieving the SCCR in excess of the default rating of 10,000A.
- Other conductor combinations within the “Terminal Specifications” noted are suitable for achieving a SCCR of 10,000A (the default rating of terminal blocks).
- Enclosure size – Investigated with a minimum 16x12x6 enclosure. Use in smaller enclosures is subject to end use evaluation.

Wire Type	Suitable Conductors Copper, Stranded		Overcurrent Protection Fuse Class/Max Amp Rating						SCCR, RMS SYM Amps
	Line	Load	J	T	RK1	RK5	G	CC	
B - C	250 - 4	4 - 10	400	400	400	100	60	30	100,000
B - C	250 - 6	4 - 14	150	150	100	30	60	30	
G, H, I (DLO)	3/0 - 4	6 - 10	400	400	400	100	60	30	
G, H, I (DLO)	3/0 - 6	6 - 14	150	150	100	30	60	30	
*	250 - 6	4 - 14	None						10,000

* Any wire class evaluated (see terminal specification section)

Installation & Accessories

- Mounting (Panel):
 - For use with #10 fastener.(#8 washer recommended with SHCS)
 - Mounting torque to be determined in end use application not to exceed 30 lbf·in (3.4 N·m).
- Cover:
 - Snap on, hinge cover available on request
 - Catalog number: CH1343
 - Cover black thermoplastic

Drawing

