

## POWER DISTRIBUTION BLOCK

# 135X704

Replace "X" with 1, 2, 3 for number of poles

### Wire Range

- Line Side: (2) 750 kcmil - 1/0 AWG
- Load Side: (10) 2/0 - 14 AWG

### Electrical Ratings:

- 950 Amps
- 600 Volts AC/DC (UL 1953)
- Factory and Field Wiring

### Agency Compliance

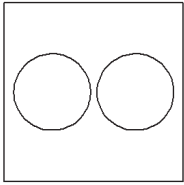
- UL Listed, Investigated to UL 1953, File QPQS.E309401

### Material Information

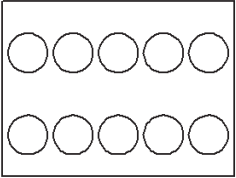
- Insulator base:
  - Thermoplastic
  - Temperature rating: 125° C (265° F)
  - Flammability rating of insulator base: UL 94 V-0
- Connector - plated aluminum
- Connector mounting screw: plated steel
- RoHS Compliant



Termination Specifications

Line Side	Wire Size (CU Stranded)	Torque	Wires/ Terminal	Wire Class (UL) <sup>1</sup>
	750 - 1/0	67.8 N.m (600 in. lbs)	1	B, C
	535 - 1/0	67.8 N.m (600 in. lbs)	1	G, H, I

- Aluminum stranded wire range: 750 - 1/0
- Wire strip length: 1 7/8"
- Terminal screw drive: 9/16 in. hex

Load Side	Wire Size (CU Stranded)	Torque	Wires/ Terminal	Wire Class (UL) <sup>1</sup>
	2/0 - 1/0	13.6 N.m (120 in. lbs)	1	B, C
	1 - 8	13.6 N.m (120 in. lbs)	1	B, C, G, H, I
	10 - 14	5.6 N.m (50 in. lbs)	1	B, C, I

- Aluminum stranded wire range: 2/0 - 6
- Wire strip length Top Row: 7/8"
- Wire strip length Bottom Row: 1 3/4"
- Terminal screw drive: 3/16 in. hex

<sup>1</sup> For information on copper stranded wire classes please visit:  
<http://www.marathonsp.com/flexible-stranded-wire.php>

## 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 20x24x8 enclosure. Use in smaller enclosures is subject to end use evaluation.
- SCCR Ratings apply for Copper Stranded wire only

Wire Class	Suitable Conductors Copper, Stranded		Overcurrent Protection Fuse Class/Max Amp Rating					SCCR, RMS SYM Amps	Volts Max
	Line	Load	J	T	RK1	RK5	G		
	Size	Size							
B, C	750 - 1/0	2/0 - 2	600	700	600	200	60	100,000	600
		2/0 - 6	300	300	200	100	60		
B, C	535 - 1/0	1 - 2	600	700	600	200	60		
		1 - 6	300	300	200	100	60		

## Installation and Accessories

- Mounting (Panel)  
For use with ¼” fasteners (4 pole)  
Mounting torque to be determined in end use application not to exceed 30 in. lbs. (3.4 N.m)
- Covers (sold separately)  
Catalog number CH135X  
Accessory covers are not intended to provide insulation for electrical spacing

Drawing

