

## POWER DISTRIBUTION BLOCK

# 135X703

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

### Wire Range

- Line Side: (2) 750 kcmil - 1/0 AWG
- Load Side: (6) 250 kcmil - 6 AWG

### Electrical Ratings:

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

### Agency Compliance

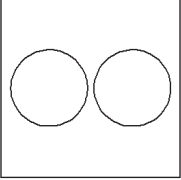
- UL Listed, Investigated to UL 1953, File QPQS.E309401

### Material Information

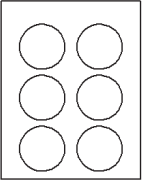
- Insulator base:
  - Thermoplastic
  - Temperature rating: 125° C (265° F)
  - Flammability rating of insulator base: UL 94 V-0
- Connector - plated aluminum
- Connector mounting screw: plated steel
- RoHS Compliant



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
- Solid copper wire range: 750 - 1/0
- Wire strip length: 1 3/4"
- Terminal screw drive: 5/16 in. hex

Load Side	Wire Size (CU Stranded)	Torque	Wires/Terminal	Wire Class (UL) <sup>1</sup>
	250 - 4/0	31.0 N.m (275 lbs)	1	B, C
	3/0 - 6	31.0 N.m (275 lbs)	1	B, C, G, H, I

- Aluminum stranded wire range: 250 - 6 AWG
- Solid copper wire range: 250 - 6 AWG
- Wire strip length: 7/8"
- Terminal screw drive: 5/16 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
	Line	Load - L/S*	J	T	RK1	RK5	G	
B, C	750 - 1/0	250 - 2 (L)	600	700	600	200	60	100,000
		3/0 - 6 (S)						
G, H, I	535 - 1/0	250 - 6 (L)	300	300	200	100	60	
		3/0 - 6 (S)						

\*L = Large Opening

\*S = Small Opening

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  
Catalog number CH1351  
One Cover per pole (Ex: 1353703) would need (3) CH1351's  
Covers are black polycarbonate

Drawing

