

## POWER DISTRIBUTION BLOCK

# 135X707

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



### Wire Range

- Line Side: (2) 750 kcmil - 1/0 AWG
- Load Side: (4) 3/0 - 6 AWG and (12) #2 - #14 AWG

### Electrical Ratings:

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

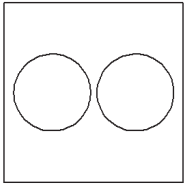
### Agency Compliance

- cULus - UL Listed, investigated to UL 1953, UL File QPQS.E309401 and UL evaluated to CSA 22.2 No 158 File no. QPQS7.309401

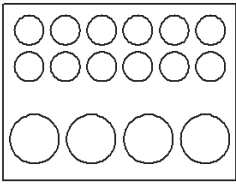
### Material Information

- Insulator base:
  - Thermoplastic
  - Temperature rating: 125° C (257° 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<br>(600 in. lbs) | 1               | B, C                         |
|   | 535 - 1/0               | 67.8 N.m<br>(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   | Terminal   | Wire Size (CU Stranded) | Torque                    | Wires/Terminal | Wire Class (UL) <sup>1</sup> |
|---|------------|-------------------------|---------------------------|----------------|------------------------------|
|  | 3/0 - 6AWG | 3/0 - 6                 | 20.3 N.m<br>(180 in. lbs) | 1              | B, C                         |
|   |            | 2/0 - 6                 | 20.3 N.m<br>(180 in. lbs) | 1              | G, H, I                      |
|   | 2 - 14 AWG | 2 - 8                   | 5.7 N.m<br>(50 in. lbs)   | 1              | B, C                         |
|   |            | 4 - 8                   | 5.7 N.m<br>(50 in. lbs)   | 1              | G, H, I                      |
|   |            | 10 - 14                 | 4.5 N.m<br>(40 in. lbs)   | 1              | B, C, I                      |

- Aluminum stranded wire range: 3/0 - 6 AWG (L); #2 - 6 AWG (S)
- Solid copper wire range: 3/0 - 6 AWG (L) ; #2 - 14 AWG (S)
- Wire strip length 3/0: 1 3/4"
- Wire strip length #2 AWG Top Row: 7/16"
- 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<br>Copper, Stranded |             | Overcurrent Protection Fuse<br>Class/Max Amp Rating |     |     |     |    |    | SCCR, RMS<br>SYM Amps |
|------------|---|-------------|---|-----|-----|-----|----|----|-----------------------|
|            | Line                                    | Load - *L/S | J   | T   | RK1 | RK5 | G  | CC |                       |
| B, C       | 750 - 1/0                               | 3/0 - 2 (L) | 600   | 700 | 600 | 200 | 60 | 30 | 100,000               |
|            |   | 3/0 - 6 (L) | 300   | 300 | 200 | 100 | 60 | 30 |                       |
|            |   | 2 - 6 - (S) | 300   | 300 | 200 | 100 | 60 | 30 |                       |
| G, H, I    | 535 - 1/0                               | 2/0 - 2 (L) | 500   | 500 | 400 | 200 | 60 | 30 |                       |
|            |   | 2/0 - 6 (L) | 300   | 300 | 200 | 100 | 60 | 30 |                       |
|            |   | 4 - 6 (S)   | 300   | 300 | 200 | 100 | 60 | 30 |                       |

\*L = Large Opening

\*S = Small Opening

Installation and Accessories

- Mounting (Panel)  
For use with 1/4" 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: 1353707 ) would need (3) CH1351's  
Covers are black polycarbonate

Drawing

