

POWER DISTRIBUTION BLOCK

135X708

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



Wire Range

- Line Side: (2) 750 kcmil - 1/0 AWG
- Load Side: (8) 3/0 - 6 AWG

Electrical Ratings:

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

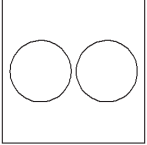
Agency Compliance

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

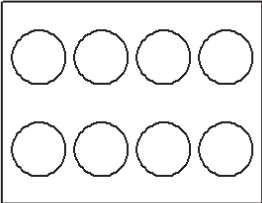
Material Information

- 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) ¹ |
|---|-------------------------|---------------------------|----------------|------------------------------|
|  | 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 AWG
- Wire strip length: 1 3/4"
- Terminal screw drive: 9/16 in. hex

| Load Side | Wire Size (CU Stranded) | Torque | Wires/Terminal | Wire Class (UL) ¹ |
|---|-------------------------|---------------------------|----------------|------------------------------|
|  | 3/0 | 20.3 N.m (180 in. lbs) | 1 | B, C |
| | 2/0 | 20.3 N.m (180 in. lbs) | 1 | B, C, G, H, I |
| | 1/0 | 20.3 N.m (180 in. lbs) | 1 | B, C, G, H, I |
| | 1 | 20.3 N.m (180 in. lbs) | 1 | B, C, G, H, I |
| | 2 | 20.3 N.m (180 in. lbs) | 1 | B, C, G, H, I |
| | 3 | 20.3 N.m (180 in. lbs) | 1 | B, C, G, H, I |
| | 4 | 20.3 N.m (180 in. lbs) | 1 | B, C, G, H, I |
| | 6 | 20.3 N.m (180 in. lbs) | 1 | B, C, G, H, I |

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

¹ 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 | J | T | RK1 | RK5 | G | CC | |
| B, C | 750 - 1/0 | 3/0 - 2 | 600 | 700 | 600 | 200 | 60 | 30 | 100,000 |
| | | 3/0 - 6 | 300 | 300 | 200 | 100 | 60 | 30 | |
| G, H, I | 535 - 1/0 | 2/0 - 2 | 500 | 500 | 400 | 200 | 60 | 30 | |
| | | 2/0 - 6 | 300 | 300 | 200 | 100 | 60 | 30 | |

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 (sold separately)
Catalog number CH135X
Accessory covers are not intended to provide insulation for electrical spacing

Drawing

