marathon® Special Products

Power Terminal Block
132x572

Replace “x” with 1, 2 or 3 for number of poles.

Wire Range

- Line: (1) 2/0 - #14 AWG
- Load: (1) 2/0 - #14 AWG

Electrical Ratings

- 175 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

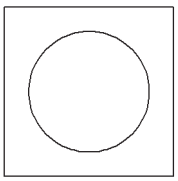
Agency Compliance

- UR - UL Recognized Terminal Block, Evaluated to UL 1059, File No.XCFR2.E62806
- CSA - certifed to C22.2 No. 158, File No. LR19766
- CE compliant to IEC 60947-7-1

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
- Terminal screws: aluminum, tin plated
- Connector mounting screws: steel, zinc plated
- RoHS compliant

Termination Specifications

Line & Load Side	Wire Size (CU Stranded)	Torque	Wires / Terminal	Wire Class (UL) [1]
	2/0 - 1/0	13.6 N·m (120 lbf·in)	1	B, C
	1 - 6	13.6 N·m (120 lbf·in)	1	B, C, G, H, I (DLO)
	8	4.5 N·m (40 lbf·in)	1	B, C, G, H, I (DLO)
	10 - 14	4 N·m (35 lbf·in)	1	B, C, I (DLO)

- Aluminum stranded wire range: 2/0 - #6 AWG
- Solid copper wire range: 10 - 14 AWG
- Wire strip length: 3/4 in. (19mm)
- Terminal screw drive: 5/16 in. hex

[1] For information on copper stranded wire classes please visit:
http://www.marathonsp.com/blog/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 16x12x6 enclosure. Use in smaller enclosures is subject to end use evaluation.

SCCR With Fuses

Wire Type	Suitable Conductors		Max Overcurrent Protection Fuse Required Amp Rating / Class						SCCR RMS Sym. Amps 600V. Max
	Line	Load	J	T	RK1	RK5	G	CC	
B, C	2/0 - 6	2/0 - 6	200	200	200	100	60	30	100,000
G, H, I	1 - 6	1 - 6	150	150	100	30	60	30	100,000
(*)	2/0 - 14	2/0 - 14	None						10,000

* Any wire class evaluated (see terminal specification section)

Installation & Accessories

- Mounting (Panel or Din):
  - For use with #10 fastener.
  - Mounting torque to be determined in end use application not to exceed 30 lbf in (3.4 Nm)
  - 7.5 X 35 mm din rail mountable

- Covers:
  - Snap on, hinge covers available upon request
  - Catalog Number: CC132x (replace "x" with number of poles)
  - Covers are black thermoplastic
  - Accessory covers are not intended to provide insulation for electrical spacings.

- 1 pole product can be snapped together through integral dovetails to create variable pole power blocks

- End bracket for din rail mounting: MSK35

- Din Rail (35 x 7.5 mm, 2 m long, slotted): MN35-2

Drawing