



Product Data Sheet

HVPB108

Add suffix "CH" for snap-on hinged cover
Power Terminal Block

420 Amps 1500 Volts AC/DC

Wire Range

- Line: (1) 600 kcmil - #2 AWG
- Load: (12) #4 - 14 AWG

Electrical Ratings

- 420 Amps
- Voltage:
 - 1500V per UL 1059 Class E & CSA 22.2 No.158, Class C requirements
 - 600V per UL 1059 Service & Industrial Class (A & C) requirements
 - 600V per CSA 22.2 No.158 Service & Industrial Class (A & E) requirements
- Short Circuit Current Rating (SCCR) of 10,000A (default for terminal blocks)
- CU7AL - 75°C connector terminal rating
- Factory & Field Wiring

Agency Compliance

- UR - UL Recognized Terminal Block, Evaluated to UL 1059, File No.XCFR2.E62806
- cUR - UL Evaluated to CSA 22.2 No.158, File No.XCFR8.E62806

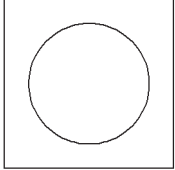
Material Information

- Insulator base:
 - Thermoplastic
 - Flammability rating of insulator base UL94V0
 - Insulator base temperature rating: -40°C to 110°C (UL RTI)
- Connector - aluminum, tin plated
- Terminal screws (line) - aluminum, tin plated
- Terminal screws (load) - steel, nickel plated
- Hardware - nuts, flat washer, split washer - steel, zinc plated
- RoHS compliant

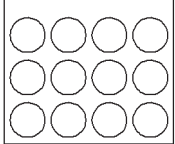
A Regal Brand

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Termination Specifications

Line Side	Wire Size (CU Stranded)	Torque	Wires / Terminal	Wire Class (UL) ¹
	600 kcmil - #2	42.4 N·m (375 lbf·in)	1	B, C

- Aluminum wire range: 600 kcmil - #2
- Wire strip length - 1.5 in (38mm)

Load Side	Wire Size (CU Stranded)	Torque	Wires / Terminal	Wire Class (UL) ¹
	#4	4 N·m (35 lbf·in)	1	B, C
	#6 - 8	4 N·m (35 lbf·in)	1	B, C, G, H, I (DLO)
	#10 - 14	4 N·m (35 lbf·in)	1-2	B, C, G, H, I (DLO)
	#12 - 14	4 N·m (35 lbf·in)	1-4	B, C

- Aluminum wire range: #4-6 AWG
- Solid copper wire range: #10-14 AWG
- Wire strip length (load side):
 - Top row: .47 in. (12 mm)
 - Center row: .63 in. (16 mm)
 - Bottom row: .86 in. (22 mm)

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

Installation & Accessories

- Mounting (Panel):
 - For use with #10 fastener with flat washer (max diameter 7/16”).
 - Torque mounting fastener to 25-30 lbf-in (2.8 - 3.4 N·m).

- Safety Guidelines:
 - Use specified hardware (washers & nuts).
 - Accessory cover (optional) is not intended to provide insulation for electrical spacings.

- Covers:
 - Hinge covers available upon request
 - Catalog number: CH1331
 - Covers are black polycarbonate

Drawing

