

Product Data Sheet

HVPB105

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

350 Amps 1500 Volts AC/DC

Wire Range

- Line: (1) M10 x 35 mm stud
 - Suitable for listed lugs
 - Lugs must fit on M10 studs, 1.55" (39 mm) max width
- Load: (24) #10 - 14 AWG (Suitable for #8 AWG, limited to 40A per copper wire only)

Electrical Ratings

- 350 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)
- CU9 - 90°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

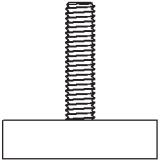
Material Information

- 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 - steel, nickel plated
- Terminal studs - steel, zinc plated
- Hardware - nuts, flat washer, split washer - steel, zinc plated
- RoHS compliant

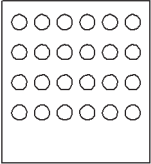
A Regal Brand

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Termination Specifications

Line Side	Termination Type	Torque	Stud Length	Maximum Lug/Bar Width
	Listed lugs on M10 studs	21.7 N·m (192 lbf·in)	35 mm / 1.38"	39 mm / 1.55"

- For use with conductors prepared with listed connectors such as single hole compression/crimp lugs or listed ring, fork or spade terminals.
- Conductor size, ampacity, temperature rating and type are dictated by the ratings of the listed lugs utilized and applicable code requirements.

Load Side	Wire Size (CU Stranded)	Torque	Wires / Terminal	Wire Class (UL) ¹
	#10 - 14	1.4 N·m (12 lbf·in)	1	B, C, G, H & I (DLO)

- Solid copper wire range: #10-14 AWG
- Wire strip length (load side):
 - Top row: .32 in. (8 mm)
 - Center and bottom row: .64 in. (16 mm)
- Terminals are suitable for #8 AWG copper stranded, but limited to 40A per wire
- ¹ For information on copper stranded wire classes please reference:
<http://www.marathonsp.com/CatalogPDFs/Flexible-Stranded-Wire.pdf>

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 appropriate/specified hardware (washers & nuts).
 - Accessory cover (optional) is not intended to provide insulation for electrical spacings.
 - Stack lugs in decreasing width order. Ensure contact is maintained throughout the connection.

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

Drawing

