

## Power Distribution Block **HVPB112**

Add suffix "CH" for snap-on hinged cover (HVPB112 CH)

### Wire Range

- Suitable for listed lugs or flexible bus bar
- Lugs must fit on 3/8" studs, 1.50" (38.1 mm) max width

### Electrical Ratings:

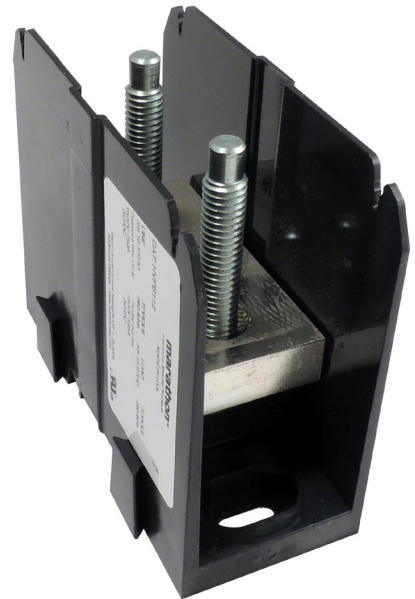
- 750 amps with prepared wire
- 595 amps with flexible bus bar
- Voltage:
  - 1500V per UL 1059 class E & CSA 22.2 No.158, class C requirements
  - 600V per UL 1059 service & industrial class (B, C & E) requirements
  - 600V per CSA 22.2 no.158 service & industrial class C requirements
- Short circuit current rating (SCCR) - see table below
- Factory & field wiring

### Agency Compliance

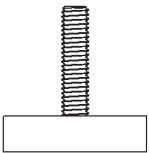
- UR - UL recognized terminal block, evaluated to UL 1059, file no. XCFR2.E62806
- cUR - UL evaluated to CSA 22.2 no.158, file no. XCFR8.E62806

### Material Information

- Insulator base:
  - Thermoplastic
  - Flammability rating of insulator base UL94V0
  - Temperature rating: -40°C to 110°C (UL RTI)
- Connector - Copper, tin plated
- Terminal screws - steel, nickel plated
- Terminal studs - steel, zinc plated
- Hardware - nuts, flat washer, split washer - steel, zinc plated
- RoHS Compliant



## Termination Specifications

Line/Load Side	Termination Type	Torque	Stud Length	Maximum Lug/Bar Width
	Listed lugs or flexible bus bar on 3/8" studs	28.2 N·m/ 250 lbf·in	37.1mm / 1.46"	39.8mm / 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.

## Short Circuit Current Ratings (SCCR)

Suitable Conductor kcmil/AWG or Prepared Flexibar		Overcurrent Protection Device	SCCR, RMS	Volts, Max
Line	Load			
<sup>1</sup> 500 - 2/0	500 - 2/0	no OCPD	25kA	480
<sup>2</sup> 10 x 32 x 1 to 4 x 32 x 1	10 x 32x 1 to 4 x 32 x 1	no OCPD	25kA	480
Listed lugs or Flexible bus bar on 3/8" stud		no OCPD	10 kA	600

<sup>1</sup> kcmil/AWG Conductors Prepared with listed Terminals

<sup>2</sup> Flexibar

## Installation & Accessories

- Mounting (Panel):
  - For use with #10 fastener with flat washer (max diameter 9/16").
  - Mounting torque to be determined in end use application not to exceed 30 lb-in
- Safety Guidelines:
  - Use provided hardware (flat washer, Belleville & 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:
  - Snap-on covers available upon request
  - Catalog Number: CH1331
  - Covers are black polycarbonate

## Drawing

