

## Product Data Sheet

# HVPB602

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

## 950 Amps 1500 Volts AC/DC

### Wire Range

- Line: (2) 600 kcmil - #2 AWG
- Load: (2) 600 kcmil - #2 AWG

### Electrical Ratings

- 950 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)
- CU9AL - 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

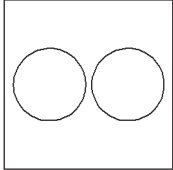
### Material Information

- 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 - aluminum, tin plated
- Hardware - nuts, flat washer, split washer - steel, zinc plated
- RoHS compliant

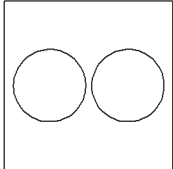
A Regal Brand

**REGAL**

**Termination Specifications**

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

- Aluminum wire range: 600 kcmil - #2
- Wire strip length: 1.68 in (43mm)

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

- Aluminum wire range: 600 kcmil - #2
- Wire strip length: 1.68 in (43mm)

**Installation & Accessories**

- Mounting (Panel):
  - For use with 1/4" or M6 fastener with flat washer (max diameter 9/16").
  - 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: CH1351
  - Covers are black polycarbonate

**Drawing**

