



**Engineering Specification Sheet**  
**PROMINENCE SERIES 6 string "Economy" combiner box**

**GENERAL INFORMATION**

- **Description:** 6 string fused combiner box with 90A at 600VDC maximum output.
- **Dimensions:**

		<b>Part number</b>
○ NEMA 4X Fiberglass (Standard):	9.56" x 9.47" x 5.09", 10 lbs.	PR-6R-FG
○ NEMA 4 Metallic (Optional):	8.00" x 8.00" x 4.00", 13 lbs.	PR-6R-S
- **Fuse holders:** 6 finger safe, non-load break fuse holders. 30A, 600VDC rated. Fuse amperage rating may differ as long as total amperes of all fuses do not exceed the bus rating or 30A per string.

**TECHNICAL SPECIFICATIONS**

- **Input Wires:** Fused, Non-Fused: 6 total, 8-14AWG, 75°C, Cu Wire
- **Output Wires:** Fused, Non-Fused: 1 ea., 4-14AWG, 90°C, Cu/Al Wire
- **Ground Terminals:** 4 total, 4-14AWG, 90°C, Cu/Al Wire
- **Operating Temperature, Humidity:** -10°C to +60°C (15°F to 130°F), 0-100% Humidity
- **Busbars:** C11000 Alloy (Copper), electroplated to prevent corrosion. Rated continuous duty.

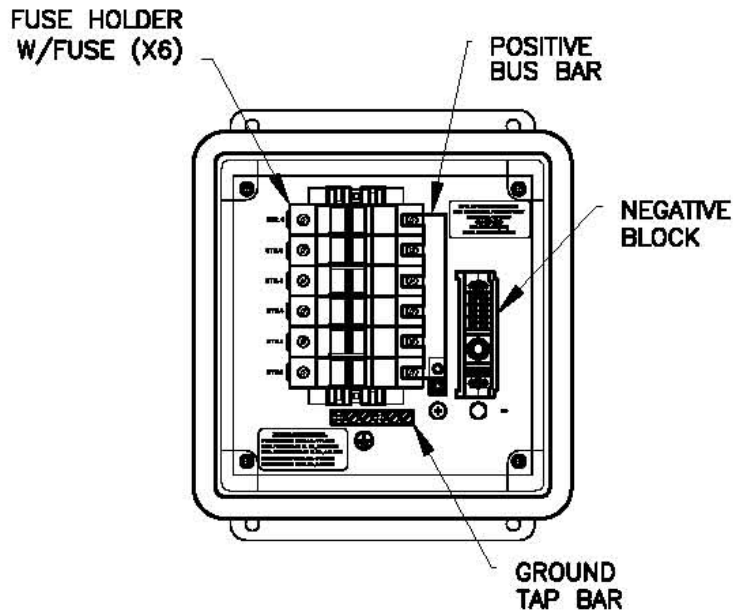
**FEATURES**

- **Labeling:** All components, wire ranges, torque values silkscreened onto backpan.
- **Mounting panel:** White powder coat with hydraulically inserted threaded nuts for maximum gripping strength.

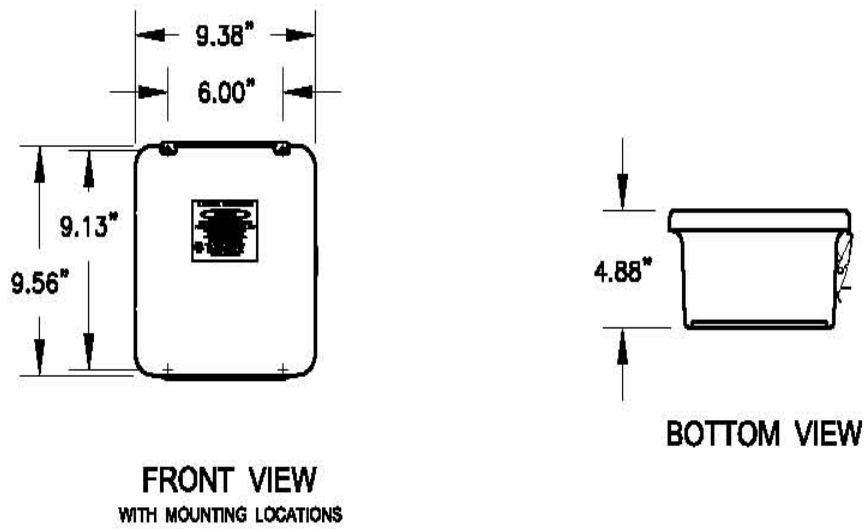
**APPROVALS**

- Listed to UL1741, CAN/CSA C22.2 Listed, CE Listed @ 600Volts.





DRAWING ABOVE SHOWS INTERNAL COMPONENTS



-Layouts shown are for standard NEMA 4X Fiberglass enclosure-