



**Engineering Specification Sheet**  
**PROMINENCE SERIES configurable string combiner box**

**GENERAL INFORMATION**

- **Description:** Configurable string fused combiner box; up to 52 strings. 1000VDC Rated.
- **Enclosures:**
  - NEMA 4X Fiberglass (Standard):
  - NEMA 4 Metallic (Optional):
  - NEMA 4X 316 Stainless (Optional)

**Part number**

PR-X\*-FG

PR-X\*-S

PR-X\*-SS

X\* = Configured Number of Strings

\*Enclosure sizes will vary depending on configured string count.

- **Fuse holders:** Finger safe, non-load break fuse holders. 30A, 1000VDC rated. Fuse amperage rating may differ as long as total amperage of all fuses do not exceed the bus rating or 30A per string.

**TECHNICAL SPECIFICATIONS**

- **Input Wires:** Fuses: X\* total, 8-14AWG, 90°C, Cu Wire
- **Output Wires:** Fused, Non-Fused: 1 ea., 350MCM-6AWG, 90°C, Cu/Al Wire  
\*Dual 350MCM-6AWG, 90°C, Cu/Al Wire (Optional)
- **Ground Terminals:** 1 ea., 350MCM-6AWG, 90°C, Cu/Al Wire  
X\* 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, serial number, mfg information labeled onto backpan
- **Mounting panel:** Aluminum (standard) with labeling. White powder coated steel optional.
- **Insulators:** All busbars are supported by 1000VDC rated insulators for added rigidity.

**OPTIONS**

- **Surge Protection:** Surge protection can be added for an additional cost. Just add "SP" at the end of part number.

**APPROVALS**

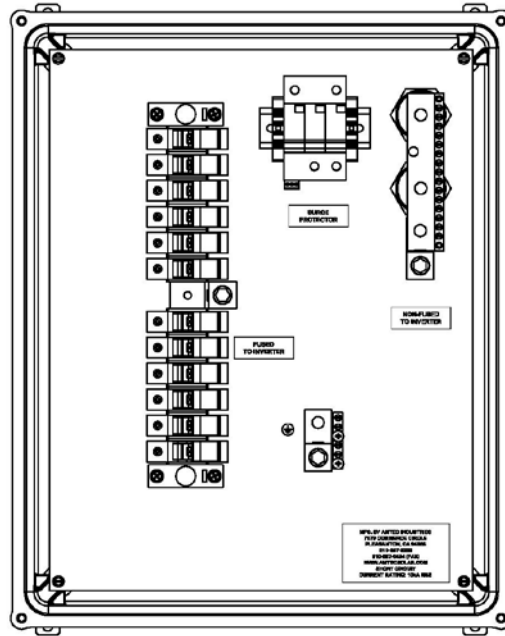
- Listed to UL1741, CAN/CSA C22.2 Listed, CE Listed @ 1000Volts. Made in the USA.



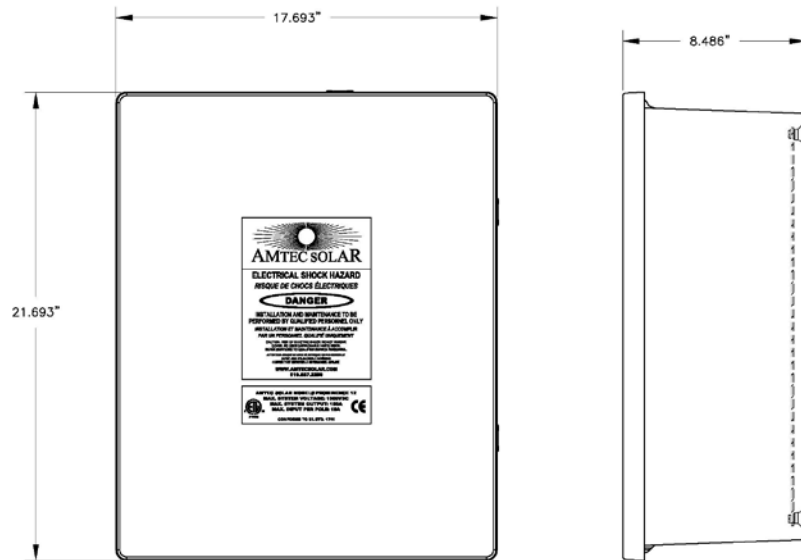
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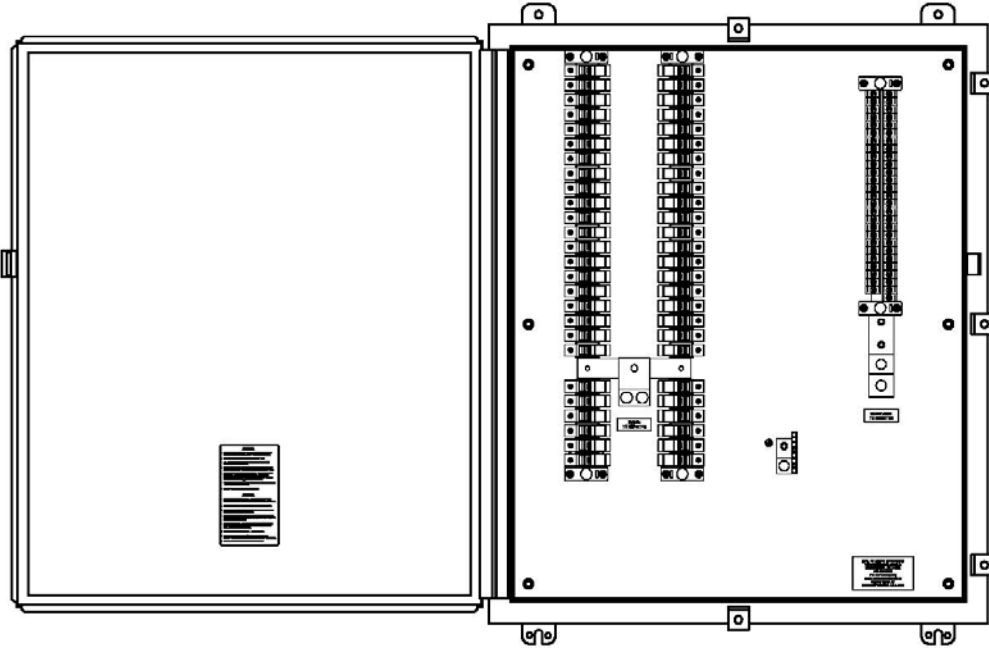
FRONT VIEW – INTERNAL



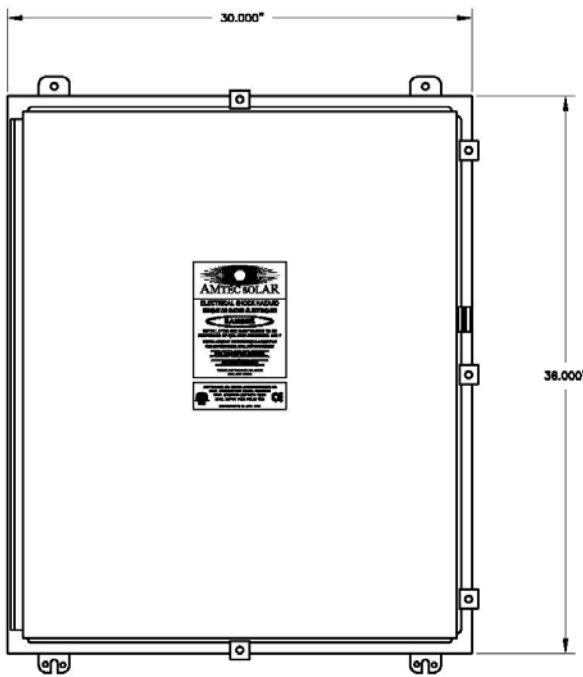
FRONT VIEW

SIDE VIEW

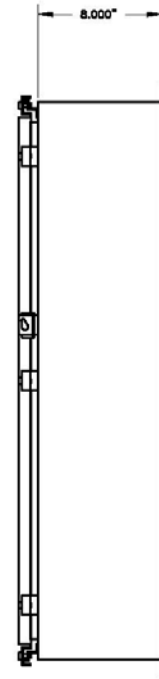
- Representative of string configurations up to 16 strings-
- Shown with optional surge suppression-
- Layouts shown are for standard fiberglass enclosure-



FRONT VIEW - INTERNAL



FRONT VIEW



SIDE VIEW

-Representative of string configurations up to 52 strings-  
-Layouts shown are for standard fiberglass enclosure-

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