



Engineering Specification Sheet
PROMINENCE SERIES 36 string CONTACTOR combiner box

GENERAL INFORMATION

- **Description:** 36 string fused combiner box with (3) 200A at 600VDC maximum output DC contactors.
- **Dimensions:**

		Part number
○ NEMA 4 Metallic (Standard):	36.00" x 30.00" x 8.00"	PR-3X12C-S
○ NEMA 4X Fiberglass (Optional):	36.00" x 30.00" x 8.00"	PR-3X12C-FG
○ NEMA 4X 316 Stainless (Optional):	36.00" x 30.00" x 8.00"	PR-3X12C-SS
- **Fuse holders:** 36 finger safe, non-load break fuse holders. 30A, 1000VDC rated.

TECHNICAL SPECIFICATIONS

- **Input Wires:**

Fuses:	36 total, 8-14AWG, 75°C, Cu Wire
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- **Output Wires:**

Fused:	3 ea., 350MCM-6AWG, 90°C, Cu/Al Wire
Non-Fused:	3 ea., 500MCM-4AWG, 90°C, Cu/Al Wire
- **Ground Terminals:**

1 ea., 350MCM-6AWG, 90°C, Cu/Al Wire
13 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

- **Safety shields:** Lexan shields over all live parts for a completely deadfront unit.
- **Labeling:** All components, wire ranges, torque values silkscreened onto backpan.
- **Mounting panel:** White powder coat with integrated wire management, hydraulically inserted threaded nuts for maximum gripping strength.
- **Insulators:** All busbars are supported by 1000VDC rated insulators for added rigidity.
- **Door Stop Kit:** Standard door stop kit made in steel or optional stainless steel.
- **Contactors Coil:** 24VDC w/ 0.5A circuit breaker protection.

APPROVAL

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

Options

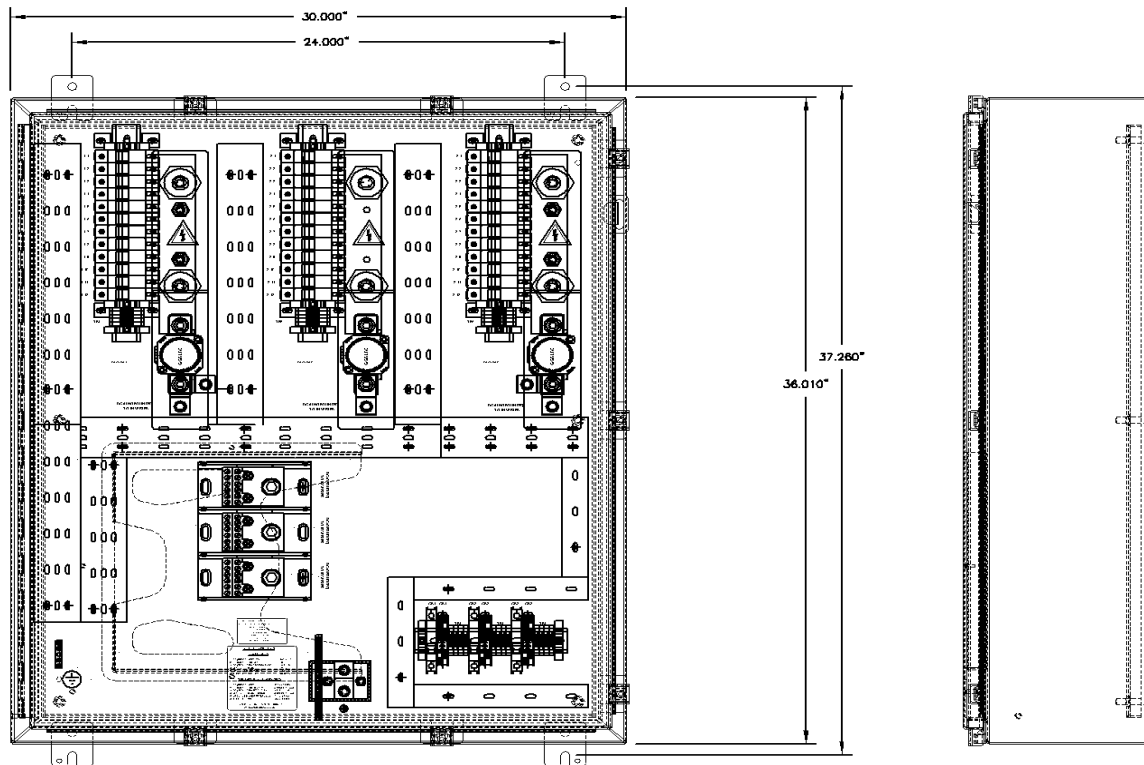
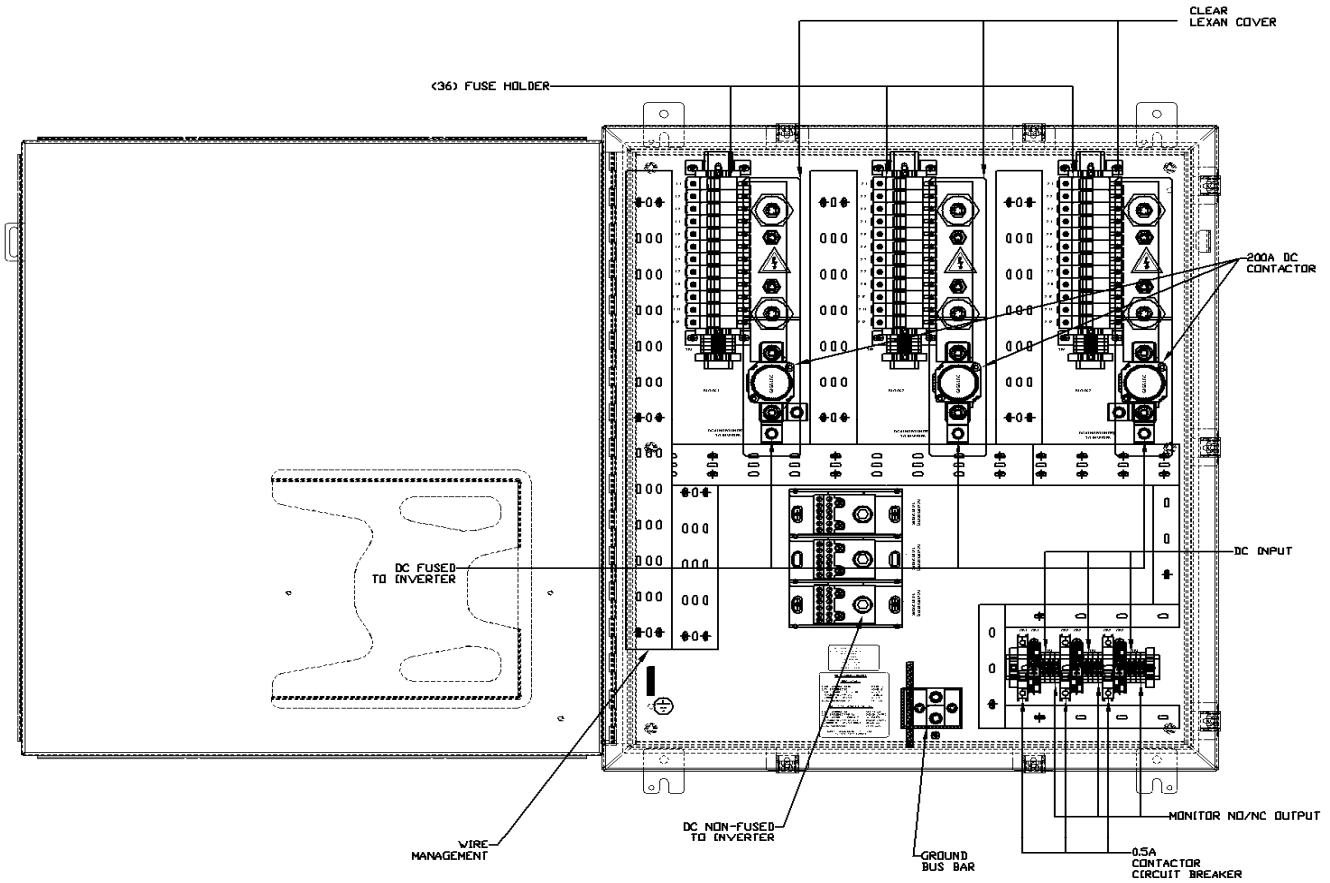
- **Surge Protection:** Surge protection can be added for an additional cost. Just add "SP" to the end of the part number.
- **Emergency Machine Off cabinet:** Keyed EMO push button. Available with or without status indicating LED lights.



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-Layouts shown are for standard NEMA 4 steel enclosure-