



PT2060/90 POWER Power Supply Module

ProvibTech's PT2060/90 POWER module will provide system power to the PT2060/99 system rack and all modules installed in the system rack. The power module accepts the following power supply inputs: 24VDC, 110VDC, 110VAC and 220VAC.

If redundancy is required two PT2060/90 power modules are needed. The power supply module is a half-height module, meaning two PT2060/90 modules will fit in one slot. The PT2060/90 POWER module should be installed on the first slot from the right. If only one module is used it should be installed in the top half slot.



Specifications

Electrical

Power inputs:

24 VDC:

From 20 to 30VDC @16A

110VDC:

From 88 to 140VDC @6A

110VAC:

From 85 to 132VAC. Frequency from 47Hz to 63 Hz @6A

220VAC:

From 175 to 264VAC. Frequency from 47Hz to 63Hz @4A

LED Indicators:

OK: green

Approvals:

CE;

CSA:

Non-incendive, class I, div.2, GrpABCD, T4
-40°C to +75°C

Certification Number: 2011996

Environmental

Temperature:

Operation: -20°C to +65°C

Storage: -40°C to +85°C

Humidity:

95% non-condensing

Physical

Each module comes with two components: the front panel assembly and the back panel assembly.

Dimensions and Location:

120mm (4.7in) X 49.5mm (1.9in)

A maximum of two PT2060/90 modules can be installed per PT2060/99 System Rack. The location of these modules is the first slot on the right side of the system rack, with one module installed on the top and the other installed on the bottom of the slot.

Weight:

1.0 kg (2.0 lbs)

Ordering Information

PT2060/90-AX-BX

AX: Top-half Power Supply

A0: None

A1: 175 – 264VAC

A2: 85 – 132VAC

A3: 88 – 140VDC

A4: 20 – 30VDC

BX: Bottom-half Power Supply (Required for Redundancy)

B0: None

B1: 175 – 264VAC

B2: 85 – 132VAC



PT2060 Monitor

B3: 88 – 140VDC

B4: 20 – 30VDC

Back Panel Connectors Layout

Optional Accessories:

PT2060-009000: PT2060/90 Front panel (175 - 264VAC)

PT2060-009001: PT2060/90 Back panel (175 - 264VAC)

PT2060-009002: PT2060/90 Front panel (85 - 132VAC)

PT2060-009003: PT2060/90 Back panel (85 - 132VAC)

PT2060-009004: PT2060/90 Front panel (88 - 140VDC)

PT2060-009005: PT2060/90 Back panel (88 - 140VDC)

PT2060-009006: PT2060/90 Front panel (20 - 30VDC)

PT2060-009007: PT2060/90 Back panel (20 - 30VDC)

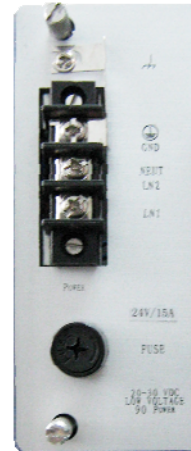
PT2060-009008: PT2060/90 Fuse 220V/4A (175 - 264VAC)

PT2060-009009: PT2060/90 Fuse 110V/6A (85 - 132VAC, 88 - 140VDC)

PT2060-009010: PT2060/90 Fuse 24V/16A (20 - 30VDC)

PT2060-009011: Front blank Panel

PT2060-009012: Back blank Panel

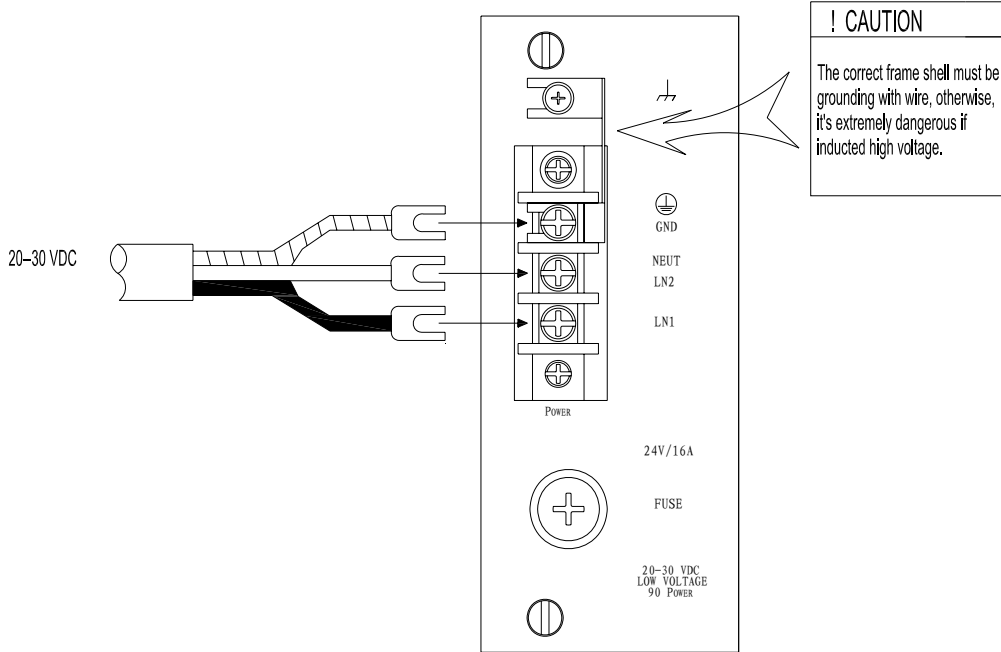




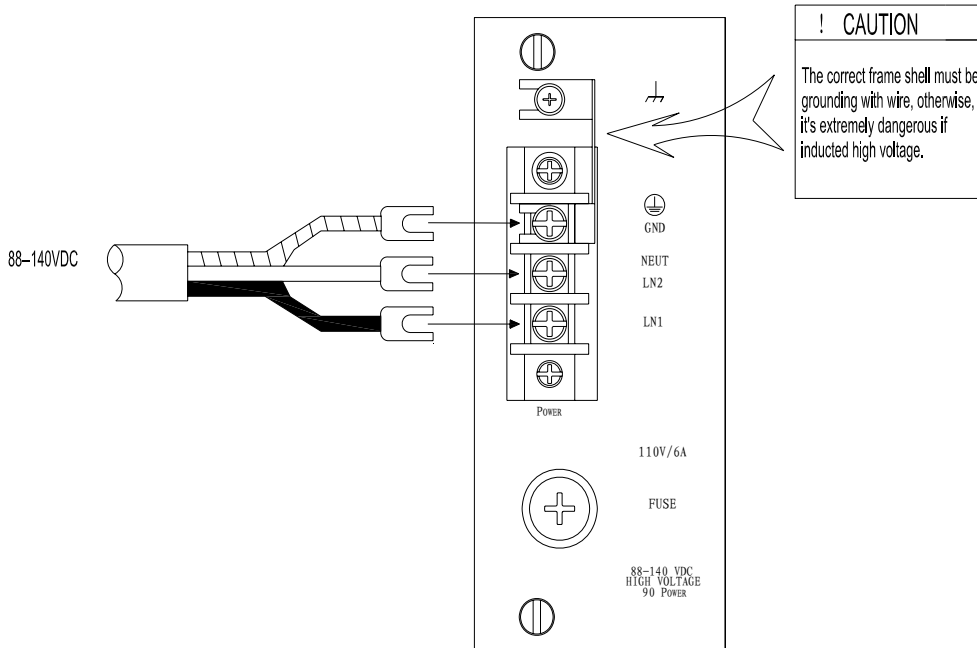
PT2060 Monitor

Field-wiring Diagram

24VDC (Low Voltage DC Power Supply)



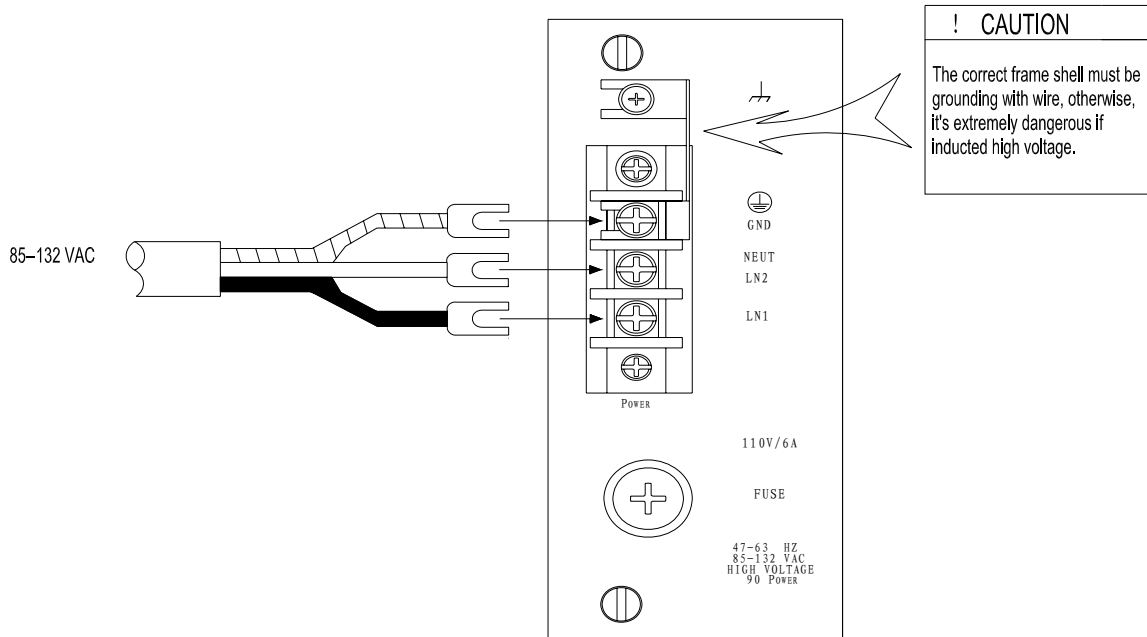
110VDC (High Voltage DC Power Supply)





PT2060 Monitor

110VAC (Low Voltage AC Power Supply)



220VAC (High Voltage AC Power Supply)

