



PS-175B

POWER SUPPLY UNIT FOR NEMA CABINETS

The ideal power source when using high current devices such as video detection cards.

FEATURES

- 3 Amp Maximum Load Current
- Full Output Regulation: 24 Vdc +/- 2 Vdc
- Four DC Output pins are common
- Input and Output Fused

HIGHLIGHTS

- Display Indicators
- Output Protection
- Power Switch
- Meets / Exceeds All Requirements Of NEMA Standard TS-1 1989 R2005



NEMA CABINET COMPATIBLE

Basic Functions

The PS-175B Rack Power Supply is a rack mounted high efficiency switching power supply that provides regulated 24 VDC power for a NEMA TS-1 Detector Rack. The PS-175B provides a regulated output rated at 3 Amps over the full -30°F to 165°F (-34°C to +74°C) NEMA operating temperature range.

Display Indicators

Separate green LED indicators are provided to display input and output status and fuse integrity.

Output Protection

The output is fused for over-current protection and protected against voltage transients by a 1500 Watt suppressor.

Input Voltage Operating Range

89 VAC to 270 VAC at 50 / 60 Hz

Power Switch

Switches AC power input.

Connector

Double sided 44-pin with gold contact fingers.

Dimensions

4.5 inches High x 2 inches Wide x 6.875 inches Deep excluding handle.



Input / Output Pins

Pin	Pin	Function
A	1	DC Ground
B	2	DC Output
C	3	DC Output
L	10	Chassis Ground
M	11	AC Neutral
N	12	AC Line
U	17	DC Output
V	18	DC Output

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