PS-175

Heavy Duty Rack Power Supply

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

The PS-175 Rack Power Supply is a rack mounted high efficiency switching power supply that provides four independent channels of regulated 24 VDC power for a Nema TS-1 Detector Rack. The PS-175 meets or exceeds all requirements of the NEMA Standard TS-1 1989 R2005.

Each EDI PS-175 Cabinet Power Supply is put through a rigorous three part Total Quality Assurance program and tested under the extreme environmental conditions experienced on the street. It is this commitment to quality and performance that EDI products are known for, providing years of trouble free operation.

PS-175 OPERATIONAL FEATURES

Basic Functions: The PS-175 provides four independent regulated outputs each rated at 0.75 Amps over the full -30ºF to 165ºF (-34ºC to +74ºC) Nema operating temperature range.

- ☑ 750 milliamp Maximum Load Current Per Channel
- ☑ Full Output Regulation: 24 Vdc +/- 15%
- ☑ Four Independent Outputs
- ☑ Independently Fused

Display Indicators: A separate green LED indicator is provided to display output status and fuse integrity for each of the four supply outputs.

Output Protection: Each output is fused for over-current protection. Each output is also protected against voltage transients by a 1500 Watt suppressor.

Input Voltage Operating Range: 89 Vac to 270 Vac at 50 / 60 Hz

Input / Output Pins:

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

Power Switch: Switches power to all channel outputs

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

12VDC Option: Each channel can be optionally strapped for 12 Vdc operation (Consult the Factory)

EBERLE DESIGN INC.
3510 East Atlanta Avenue
Phoenix, AZ 85040 USA
www.EDItraffic.com
Tel (480) 968-6407
Fax (602) 437-1996