



## PS-2216

### POWER SUPPLY UNIT FOR ATC CABINETS

Save important front rack space with the compact 1U height unit and prevent wasted power with the 12VDC output.

#### FEATURES

- 5 Amp Maximum Load Current capability for each isolated 24Vdc or 12Vdc output
- 1 Amp Maximum Load Current for the 48 Vdc internal cabinet supply
- Total combined Output DC power (24Vdc+12Vdc+48Vdc) must be limited to 175 watts
- Full Output Regulation +/- 2% over line and load

#### HIGHLIGHTS

- High Efficiency
- Power Factor Corrected
- Display Indicators
- Output Protection



## ATC CABINET COMPATIBLE

#### Basic Functions

The EDI PS-2216 Series is a 19" rack mounted high power supply (175 watts) for the Advanced Transportation Controller Cabinet (ATCC). The PS-2216-2412 provides 175 watts total power with a 48 Vdc auxiliary output, and two fully isolated 24 VDC And 12 VDC outputs over the full -34°C to +74°C NEMA operating temperature range without the need for a fan.

#### Display Indicators

Separate green LED indicators display AC input status, DC output status and associated fuse integrity.

#### Input Voltage Operating Range

80 VAC to 270 VAC at 60 or 50 Hz.

#### Power Factor Corrected

A Power Factor Correction circuit ensures a full load power factor of 0.98 or better, reducing peak AC Line input current and associated stress on wiring. Inrush current limited.

#### Output Protection

The outputs are fused for over-current protection. The outputs are also protected against voltage transients by a 1500 Watt suppressor.



Output Connector Pins

Phoenix Contact 1825161 (mates with 1825352 male harness plug).

Pin	Function
1	+48VDC
2	48VDC Ground
3	+24VDC
4	+12VDC
5	24/12 VDC Ground
6	Earth Ground

Dimensions

1.75 inches High x 19.0 inches Wide x 7.5 inches Deep.

Model Options

Model	48 VDC	24 VDC	12VDC
PS-2216-2412	1 Amp	5 Amp	5 Amp
PS-2216-24	1 Amp	5 Amp	

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