PS-2217

High Efficiency ATC Cabinet Power Supply

The EDI **PS-2217** is a plug-in card mounted cabinet power supply for the Advanced Transportation Controller Cabinet (ATCC). This power supply unit is designed to be used in smaller more compact ATC cabinet configurations that do not need the power level of the PS-2216 or don't use a 19 inch rack.

The **PS-2217** uses modern switching technology and provides full output regulation across changes in AC Line voltage and output load **over the full operating temperature range of -34C to +74C.** Power Factor Correction is also provided.

❑ **PS-2217**   **48VDC @1 Amp, 24VDC @3 Amp**

PS-2217 OPERATIONAL FEATURES

Basic Functions: The PS-2217 provides 120 watts total power with an isolated 48 Vdc auxiliary output, and an isolated 24 Vdc output over the full -34°C to +74°C NEMA operating temperature range.
- ☑ 3 Amp Maximum Load Current capability for the isolated 24Vdc
- ☑ 1 Amp Maximum Load Current for the 48 Vdc internal cabinet supply
- ☑ Full Output Regulation +/- 2% over line and load
- ☑ High Efficiency
- ☑ Power Factor Corrected

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

Input Voltage Operating Range: 85 Vac to 270 Vac at 45-65 Hz

Power Factor Corrected (PFC): 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 24VDC output is also protected against voltage transients by a 1500 Watt suppressor.

Output Connector Pins: Phoenix Contact 1776553 (mates with 1785997 plug)

Pin	Function	Pin	Function
1	Chassis Ground	4	+24VDC Ground
2	AC- Neutral	5	+24VDC Output
3	AC+ Power	6	+48VDC Ground
-		7	+48VDC Output

Dimensions: 4.50 inches High x 1.70 inches Wide x 6.995 inches Deep.
Designed to mount flush with the *iPack®* Model 2202 HDFU

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