



PS-48240D

Power Supply 48 Volts DC, 240 Watts, Extended Temperature Range

SPECIFICATIONS:

Input:

Input Voltage Range (switch selectable).....88-264 VAC
Input Current.....2.8@115VAC, 1.4@ 230VAC
Input Frequency.....47-63 Hz
Connections.....Screw Down Terminal Block

Output:

Output Voltage.....48 VDC +/- 1.0%
Output Current.....5.0A max
Output Power (to 50°C).....0 to 240 Watts
Output Power (to 60°C).....0 to 72 Watts
Ripple & Noise.....150 mVpp
Over Voltage Protection
Overload Protection
Connections.....Screw Down Terminal Block

Environmental:

Operating Temperature..... -10°C to 70°C
-Derating..... see curve
Operating Humidity.....20-95% (non-condensing)
Storage Temperature..... -20°C to 85°C
Vibration..... 2 g, 10 Hz to 500 Hz, 10min/cycle, X, Y & Z axis
MTBF.....136 khrs
Dimensions.....5"x5"x4", 125.2x125.2x100mm

EMC & Safety:

- Emissions
• EN55011, EN55022 ClassB, EN61000-3-2,-3
Immunity
• EN61000-4-2, 3, 4, 5, 6, 8, 11,
Safety Approvals
• EN60950-1, UL508

Ordering information:

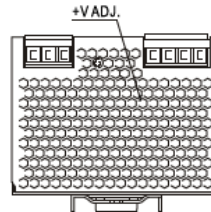
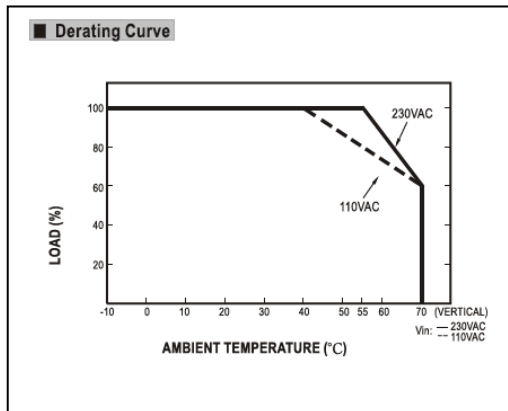
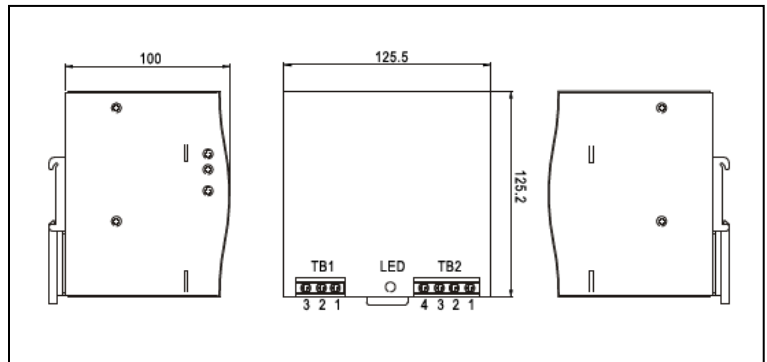
PS-48240D (line cord included)



The American Fibertek PS-48240D is a fully enclosed 48VDC, 240W "DIN" power supply capable of operating over the extended temperature range of -10°C to +70°C (see derating).

The PS-48240D 48VDC power supply has a universal AC input range of 88~264VAC. The input /output connections are screw down terminal blocks..

This power supply is DIN RAIL mountable compatible with DIN RAILS TS35/7.5 or TS35/15. An LED power on indicator is available.



Terminal Pin Number Assignment (TB1)

Pin No.	Assignment
1	FG Ⓢ
2	AC/N
3	AC/L

Terminal Pin Number Assignment (TB2)

Pin No.	Assignment
1,2	DC OUTPUT +V
3,4	DC OUTPUT -V

3/15/2015JPK