



**PS-4875**

# Power Supply 48 Volts DC, 75 Watts, DIN Mount, Extended Temperature Range

### SPECIFICATIONS:

#### Input:

Input Voltage Range.....88-264 VAC  
Input Current.....1.4@115VAC, 0.85@ 230VAC  
Input Frequency.....47-63 Hz  
Connections.....Screw Down Terminal Block

#### Output:

Output Voltage.....48 VDC +/- 1%  
Output Current.....1.6 Amax  
Output Power.....0 to 75 Watts  
Ripple & Noise.....120 mVpp  
Short Circuit Protection  
Over Voltage Protection  
Overload Protection  
Connections.....Screw Down Terminal Block

#### Environmental:

Operating Temperature..... -30°C to 70°C  
-Derate from 60 °C..... 2.0 W / °C to 70°C  
Cooling.....Convection with 25mm free space all sides  
Operating Humidity.....20-95% (non-condensing)  
Storage Temperature..... -40°C to 85°C  
Vibration..... 2 g, 10 Hz to 500 Hz, 10min/cycle, X, Y & Z axis  
MTBF.....481 khrs

#### EMC & Safety:

- Emissions  
• EN55022  
Immunity  
• EN61000-4-2, 3, 4, 5, 6, 8, 11,  
• EN55024, EN61000-6-2, EN61204-3  
Safety Approvals  
• EN60950-1, UL508

#### General:

DIN Rail.....Compatible with TS35/7.5 or TS35/15

#### Ordering information:

PS-4875

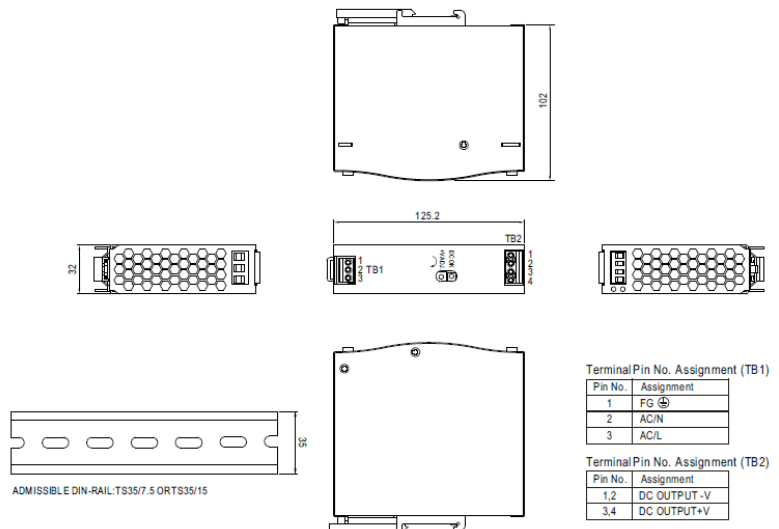


Photo of a similar power supply

The American Fibertek PS-4875 is a DIN rail mounted 48Vdc, 75W power supply capable of operating over the extended temperature range of -30°C to +70°C.

#### Mechanical Specification

Case No. Unit:mm



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