



PS-48120

Power Supply 48 Volts DC, 120 Watts, DIN Mount, Extended Temperature Range

SPECIFICATIONS:

Input:

Input Voltage Range.....88-264 VAC
Input Current.....1.4@115VAC, 0.70@ 230VAC
Input Frequency.....47-63 Hz
Connections.....Screw Down Terminal Block

Output:

Output Voltage.....48 VDC +/- 1%
Output Current.....2.5 Amax
Output Power.....0 to 120 Watts
Ripple & Noise.....120 mVpp
Short Circuit Protection
Over Voltage Protection
Overload Protection
DC OK Contact Rating.....30 VDC / 1A
(contact closed when main dc output is within spec)
Connections.....Screw Down Terminal Block

Environmental:

Operating Temperature..... -25°C to 70°C
-Derate from 60 °C.....3.0 W / °C to 70°C
Cooling.....Convection with 25mm free space all sides
Operating Humidity.....10-95% (non-condensing)
Storage Temperature..... -40°C to 85°C
Vibration..... 2 g, 10 Hz to 500 Hz, 10min/cycle, X, Y & Z axis
MTBF.....290 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-48120

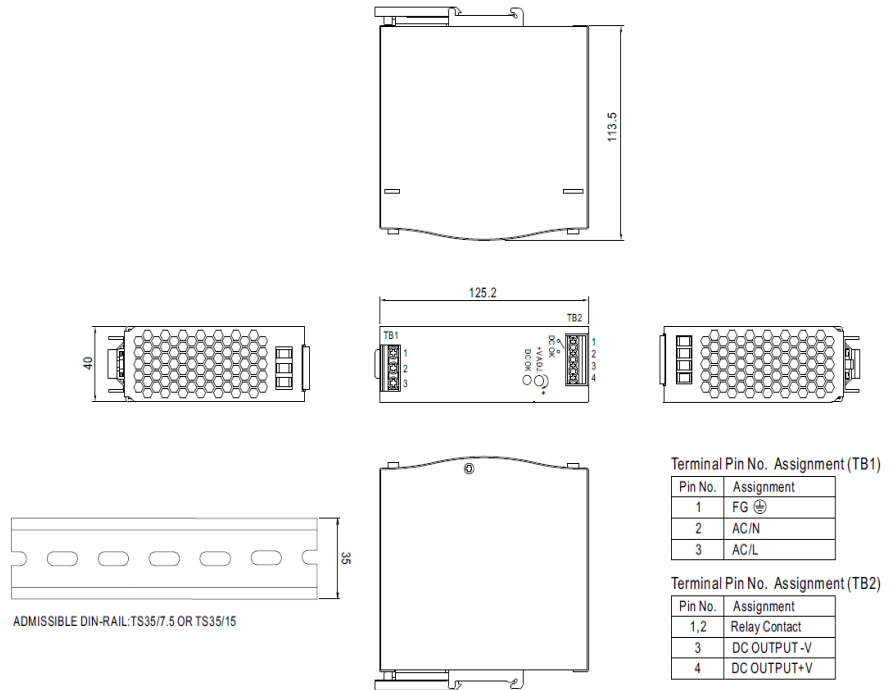


Photo of a similar power supply

The American Fibertek PS-48120 is a DIN rail mounted 48Vdc, 120W power supply capable of operating over the extended temperature range of -25°C to +70°C.

Mechanical Specification

Case No.992A Unit:mm



7/15/2014JK