



PS-12V-20W

**Power Supply 12 Volts DC, 20 Watts,
DIN Mount, Extended Temperature Range**

SPECIFICATIONS:

Input:

Input Voltage Range.....85-264 VAC
Input Current.....0.55A @115VAC, 0.35A @ 230VAC
Input Frequency.....47-63 Hz
Connections.....Screw Down Terminal Block

Output:

Output Voltage.....12 Vdc
Output Current.....1.67 A max
Output Power.....0 to 20 Watts
Ripple & Noise.....120 mVpp
Short Circuit Protection.....Power Limited
Over Voltage Protection.....Clamp Protected
Overload Protection.....Constant Current Limited
DC OK (Out to -V)).....12Vdc / 20mA
(when main dc output is within spec)
Connections.....Screw Down Terminal Block

Environmental:

Operating Temperature..... -20°C to 70°C
-Derate from 50 °C.....0.5 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, along X, Y & Z axis,
60 mins/axis, mounted on rail
MTBF.....236 khrs

EMC & Safety:

- Emissions
• EN55011, EN55022
Immunity
• EN61000-4-2, 3, 4, 5, 6, 8, 11,
• EN55024, EN61000-6-1, EN61204-3
Safety Approvals
• EN60950-1, UL508

General:

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

Compatible AFI Products:

All products which use a 12Vdc power supply

Ordering information:

PS-12V-20W

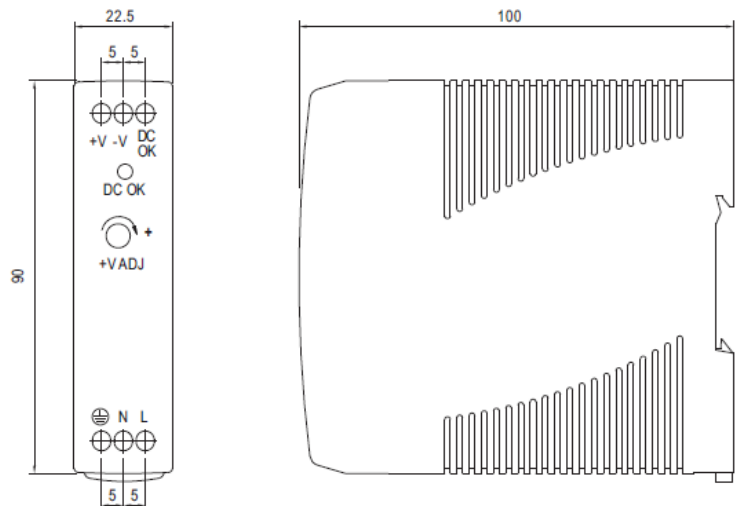
Recommended Connection Information:

- Not provided with the power supply
-Power Cord : 10A/125VAC, 18 AWG, 3 Conductor
-DC Connection : 18 AWG Stranded



Photo of a similar power supply

The American Fibertek PS-12V-20W is a DIN rail mounted 12Vdc, 20W power supply capable of operating over the extended temperature range of -40°C to +70°C. Multiple AFI products operating at 12Vdc may be powered from this supply up to a maximum load of 20 watts.



All dimensions in inches (mm).

7/15/2014JK