



**PS-24V
-40W-D**

**Power Supply 24 Volts DC, 40 Watts,
DIN Mount, Extended Temperature Range**

SPECIFICATIONS:

Input:

Input Voltage Range.....85-264 VAC
 Input Current.....1.1A @115VAC, 0.7A @ 230VAC
 Input Frequency.....47-63 Hz
 Connections.....Screw Down Terminal Block

Output:

Output Voltage.....24 Vdc
 Output Current.....1.7 A max
 Output Power.....0 to 40 Watts
 Ripple & Noise.....150 mVpp
 Short Circuit Protection.....Power Limited
 Over Voltage Protection.....Clamp Protected
 Overload Protection.....Power Limited
 DC OK Relay Output...(open in fault condition) 30V/1A
 Connections.....Screw Down Terminal Block

Environmental:

Operating Temperature..... -40°C to 70°C
 -Start Up..... -35°C
 -Derate from 60 °C..... -1.6 W / °C
 Cooling.....Convection with 25mm free space all sides
 Operating Humidity.....10-95% (non-condensing)
 Storage Temperature..... -40°C to 85°C
 Shock.....15 g, 11 ms, X, Y & Z axis, 3 shocks/axis
 Vibration.....2 g, 10 Hz to 500 Hz, along X, Y & Z axis,
 60 mins/axis, mounted on rail
 Weight (packed).....11 oz
 MTBF.....300 khrs

EMC & Safety:

- Emissions:
- EN55011
 - EN55022
- Immunity:
- EN61000-4-2
 - EN61000-4-3
 - EN61000-4-4
 - EN61000-4-5
 - EN61000-4-6
 - EN61000-4-8
 - EN61000-4-11
- Safety Approvals:
- EN60950-1
 - UL508
 - UL60950-1

General:

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

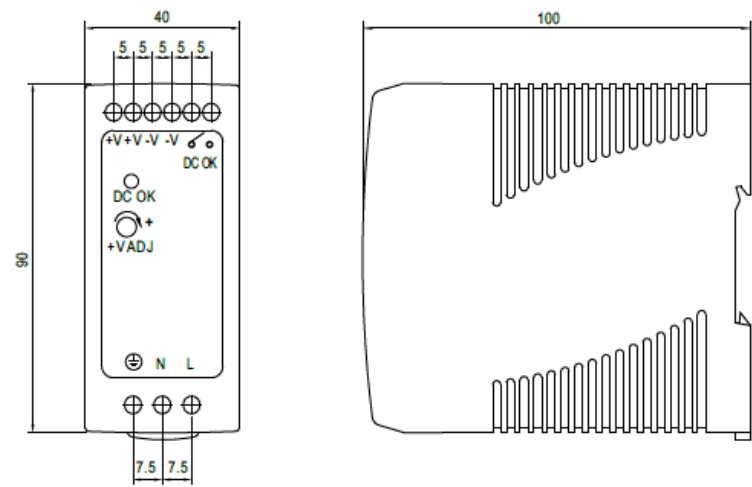
Ordering information:

PS-24V-40W-D



The American Fibertek PS-24V-40W-D is a DIN rail mounted 24Vdc, 40W power supply capable of operating over the extended temperature range of -20°C to +70°C(see derating).

A "DC OK" LED and relay output is available for monitoring the power supply status.



All dimensions in inches (mm).