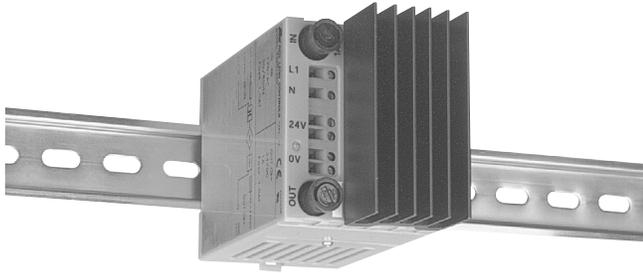


MODEL PSDR - 1 A POWER SUPPLY



DESCRIPTION

PSDR power supplies are compact, linear and highly regulated. They are well suited for use with all signal conditioning products. They feature low output ripple and tight ($\pm 1\%$) nominal voltage tolerance.

The PSDR1300 power supply is fused on both the input and output with 1 A (5×20 mm) fuses. Slow-blow fuses are used on the input to accommodate start-up current, and fast-blow fuses on the output for fast response to overloads to ensure safe operation and limit damage to loads if a fault would occur. An LED on the output provides visual indication of power and fuse condition.

Preferred mounting is horizontal (*horizontal rail orientation on a vertical panel*) for optimum convection airflow through the cooling fins and ventilation slots in the case.

Installation is simplified over open frame supplies: there are no holes to drill or brackets to mount. The power supply is simply snapped onto a standard DIN rail.

SPECIFICATIONS

- INPUT POWER REQUIREMENTS:** 120 VAC, $+6/-10\%$
Max. Input Power: 55 VA
- POWER OUTPUT:** 24 VDC $\pm 1\%$ @ 1 A DC max.
Ripple: <20 mV pk-pk
- FUSE:**
Input fuse: Fine fuse 1 A (5×20 mm), slow blow.
Output Fuse: 1 A (5×20 mm) fast blow.
- ISOLATION VOLTAGE:**
Input to Output: 4 kV, 50 Hz, 1 minute
- OPERATING TEMPERATURE RANGE:** 0° to 60°C
- CONSTRUCTION:** Case body is green, high impact plastic.
- SPACING BETWEEN SUPPLIES:** >10 mm / 0.4 inches
- CONNECTIONS:** 14 AWG max.
- MOUNTING:** Standard DIN Top hat (T) profile rail according to EN50022
 - 35×7.5 and 35×15 .
- WEIGHT:** 2.62 lb (1.19 Kg)

 **UL Recognized Component,**
 File #E171378



ORDERING INFORMATION

MODEL NO.	INPUT	OUTPUT	PART NUMBER
PSDR	120 VAC	24 VDC	PSDR1300

