

Datasheet

RS Pro 76.8W 1 Output, 0 → 1.6A DIN Rail Power Supply EDR-75, 48V dc to 55V dc RS Stock No: 122-2206



Product Details

RS Pro 76.8 W DIN rail power supply EDR-75 body is designed with 32 mm in width, which allows space saving inside the cabinets. It adopts the full range of AC input from 90 V ac to 264 V ac. The DIN Rail power supply made of metal house that enhances the unit's power dissipation. It is equipped with constant current mode for over-load protection, fitting various inductive or capacitive applications. Power supply operates at an ambient temperature between -20 to +60°C and has an output voltage of 48 V dc to 55 V dc and an output current of 1.6 A. DIN Rail power supply meets UL 508, TUV EN 60950-1 and EN 61000-6-2 standards.

Features and Benefits

- Universal AC input/full range
- Protections: Short circuit/overload/over voltage/over temperature
- Cooling by free air convection
- Can be installed on DIN rail TS-35/7.5 or 15
- UL 508 approved
- EN61000-6-2 industrial immunity level
- 100% full load burn-in test
- 2 years warranty

Specifications:

AC or DC Input Voltage	ac
AC or DC Output Voltage	dc
Application	Machine Industrial Control Systems, Semiconductor Fabrication Equipment, Factory Automation, Electro-Mechanical Apparatus
Depth	102 mm
Dimensions	125.2 x 32 x 102 mm
Efficiency	0.885
Holdup Time	12 ms @ 115 V ac, 60 ms @ 230 V ac
Input Electrical Phase	Single Phase
Input Frequency Range	47 to 63 Hz
Input Voltage	90 to 264 V ac
Length	125.2 mm
Line Regulation	±0.5%
Load Regulation	±1%
Maximum Input Current	1.45 A @ 115 V ac, 0.9 A @ 230 V ac
Maximum Input Voltage	264 V ac
Maximum Output Voltage	55 V dc
Maximum Temperature	+60°C
Minimum Input Voltage	90 V ac
Minimum Output Voltage	48 V dc
Minimum Temperature	-20°C
Mounting Type	DIN Rail
MTBF	506.6 kh
Number of Outputs	1
Output Current	0 to 1.6 A
Output Voltage Adjustment Range	48 to 55 V
Output Voltage	48 V dc



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Power Rating	76.8 W
Power Signal Conversion Type	AC-DC
Protection Features	Over Temperature Protection, Over Voltage Protection, Overload Protection, Short Circuit Protection
Ripple And Noise	150 mV Pk-Pk
Special Features	Cooling by Free Air Convection, Universal AC Input/Full Range, 100% Full Load Burn-In Test, Installed on DIN Rail TS-35/7.5 or 15, 2-Years Warranty
Standards Met	UL 508, TUV EN 60950-1, EN 61000-6-2, RoHS Compliant
Weight	510 g
Width	32 mm