

Datasheet

RS Pro 40.8W 1 Output, 0 → 1.7A DIN Rail Power Supply DRA-40, 24V dc to 30V dc RS Stock No: 122-2218



Product Details

RS Pro 40.8 W DIN rail power supply DRA-40 provides a full range constant current output and is equipped with the built-in 3 in 1 dimming function based on the requirement. It adopts the full range of AC input from 90 V ac to 264 V ac. Power supply operates at an ambient temperature between -30 to 70°C and has an output voltage of 24 V dc to 30 V dc and an output current of 1.7 A. DIN Rail power supply meets UL 60950-1 and TUV EN 60950-1 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 Vision Inspection Systems & Plant Cultivation Systems
Depth	100 mm
Dimensions	90 x 40 x 100 mm
Efficiency	0.87
Holdup Time	10 ms @ 115 V ac, 50 ms @ 230 V ac
Input Electrical Phase	Single Phase
Input Frequency Range	47 to 63 Hz
Input Voltage	90 to 264 V ac
Length	90 mm
Line Regulation	±0.5%
Load Regulation	±0.5%
Maximum Input Current	0.8 A @ 115 V ac, 0.6 A @ 230 V ac
Maximum Input Voltage	264 V ac
Maximum Output Voltage	30 V dc
Maximum Temperature	+70°C
Minimum Input Voltage	90 V ac
Minimum Output Voltage	24 V dc
Minimum Temperature	-30°C
Mounting Type	DIN Rail
MTBF	439.3 kh
Number of Outputs	1
Output Current	0 to 1.7 A
Output Voltage Adjustment Range	24 to 30 V
Output Voltage	24 V dc
Power Rating	40.8 W
Power Signal Conversion Type	AC-DC



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Protection Features	Over Voltage Protection, Overload Protection, Short Circuit Protection
Ripple And Noise	150 mV Pk-Pk
Special Features	Cooling by Free Air Convection, LED Indicator For Power On, Universal AC Input/Full Range, 100% Full Load Burn-In Test, Built-In 3 In 1 Dimming Function, Installed on DIN Rail TS-35/7.5 or 15, 3-Years Warranty
Standards Met	UL 60950-1, TUV EN 60950-1, RoHS Compliant
Weight	300 g
Width	40 mm