

FEATURES

- No Load Power
- Consumption <0.3W
- Rated current 3.2A
- DC Voltage 24V
- Small Compact Design
- Cooling by free air convection
- High efficiency
- Long life and high reliability
- Universal Input
- Able to withstand 5G
- Vibration Test
- UL & CE Approved

RS PRO, 76.8W Embedded Switch Mode Power Supply SMPS, 24V dc, Enclosed

RS Stock No.: 161-8288



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description ATTRIBUTE 1

The 75 W enclosed power supply range from RS Pro has been specially designed to offer high efficiency, long life and high reliability for use in a variety of applications. This range comprises of 6 models with outputs of either 5 V, 12 V, 15 V, 24 V, 36 V or 48 V. Each model is RoHS, CE, UL approved and comes with a three year warranty.

General Specifications

Model	6 models
Mounting Type	Chassis Mount
Package Type	Enclosed
Efficiency	90%
Applications	Industrial control system, Mechanical and electrical equipment

Electrical Specifications

Input Specification	
Voltage Range	100V - 240VAC
Frequency	47Hz to 63Hz
Inrush Current	50A/230VAC
Leakage Current (max.)	<3.5mA / 240V ac

Output Specification	
DC Voltage	24V
Ripple & Noise (max.)	150mVp-p
Rated Current	3.2A

Rise Time	500ms, 30ms/230VAC Full Load
Hold Up Time	60ms/230VAC 12ms/115VAC 100% Load
No Load Power Consumption	≤0.5W
Overload Protection	110 % - 150% of rated output
Short Circuit Protection	Hiccup Mode, auto-recovery
Isolation Resistance	I/P-O/P,I/P-FG,O/P-FG:100MΩ/500VDC

Mechanical Specifications

Overall Dimensions	97mm x 30mm x 99mm
Overall Length	97mm
Overall Depth	30mm
Overall Width	99mm
Weight	300g

Operation Environment Specifications

Operating Humidity	10% to 95% RH non-condensing
Cooling	by free air convection
Operating Temperature Range	-30°C to 50°C
Storage Temperature Range	-40°C to 85°C
Temperature Coefficient	± 0.03% /°C (0°C- 50°C)
Vibration Resistance	10~500Hz, 2G, 10min/cycle, X, Y, Z 60min in each direction

Approvals

Safety Standard	CE & UL (Pending)
EMC Emission	EN55022 CLASS B



Mechanical Drawing

