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Datasheet

RS Pro 3W, 1 Output, Embedded Switch Mode Power Supply (SMPS), 12V, 250mA

RS Stock No: **667-5773**

Product Details

RS Pro switch mode power supply supports a wide input voltage range of 85 to 264 V ac, high efficiency of up to 78%, high power density and low loss. Typical applications for this PCB mount AC/DC power supply include industrial and office equipment. The 1-output power supply with 3 W power rating, delivers 12 V output voltage and 250 mA output current. This embedded SMPS meets UL, E235235, IEC60950, EN60950 and UL60950 standards.

Features and Benefits

- DIP26 plastic case
- Safety Class II
- AC and DC all-in-one (input from the same terminal)
- High efficiency, high power density
- Over voltage, short circuit and over temperature protection
- Low loss, green power
- No load power consumption of ≤0.3 W
- EMC compliance to EN55022, level A

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Specifications:

Depth	15 mm
Efficiency	76%
Input Voltage	110 to 370 V dc, 85 to 264 V ac
Length	37 mm
Line Regulation	±0.5%
Load Regulation	±1%
Maximum Temperature	+70°C
Minimum Temperature	-25°C
MTBF	300000 h
Number of Outputs	1
Output Current	250 mA
Output Voltage	12 V dc
Package Type	Encapsulated
Power Rating	3 W
Ripple And Noise	60 mV
Weight	25 g
Width	23 mm
Frequency Rating	47 to 63 Hz
Standards Met	UL 60950, EN 60950