



**Switch mode power supply**  
**Wide supply voltage**  
**Output 24VDC**  
**Maximum output current of 1.1A**

## Introduction

The PS 24/1.1 is a useful compact general purpose switch mode power supply with a 24VDC output and a maximum load of 1.1 Amps.

- \* Wide AC input range
- \* Short circuit, Overload, Overvoltage protected
- \* Built in EMI filter, low ripple noise
- \* CE, UL, TUV approvals

## General Ratings

Storage temperature	-20 to +70 °C
Operating temperature	-10 to +60 °C
Weight	360g
Dimensions	97 mm wide 97 mm long 36 mm high
Supply voltage	85 to 264 VAC at frequency 47 to 63 Hz
Supply current	0.6A at 115VAC, 0.3A at 230VAC
Supply inrush current	15A at 115VAC, 30A at 230VAC
Output voltage	24VDC (adjustable +/- 10%)
Output current	Maximum load 1.1A
Output ripple voltage	75mV pk - pk
Line regulation	+/- 0.2%
Load regulation	+/- 0.2%
Rise/Hold up time	50mS/10mS at 115VAC, 50mS/80mS at 230VAC
Overload protection	105% to 150% rated load current, automatic recovery
Over voltage protection	115% to 135%
Dielectric strength	3KV I/P - O/P (1 Min)
Conforms to safety standards	UL1012, TUV EN60950, IEC950, UL1950
Conforms to EMC standards	CISPR22 (EN55022), IEC801-234, IEC555-2, CISPR22



## Terminal Connections

Terminal	Description	Notes
L	Live	Live connection to mains supply.
N	Neutral	Neutral connection to mains supply.
0	Earth	Earth connection to mains supply.
-V	DC 0V	0V connection to equipment.
+V	DC 24V	24VDC connection to equipment.

## Further Information

**Green LED** This lights when the mains voltage is applied to the power supply and it is functioning correctly.

**V ADJ** This potentiometer allows +/- 10% adjustment of the output (24VDC) voltage.

## Other Options

See separate data sheets for DIN rail mounting versions and also 2.5 Amp 24VDC and 4.5 Amp 24VDC output versions



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## **Order Codes**

Part Number  
PS 24/1.1

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