



Switch mode power supply
Wide supply voltage
DIN rail mounted
Output 24VDC
Maximum output current of 1.1A

Introduction

The DRM-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. It is DIN rail mountable.

- * Wide AC input range
- * Short circuit, Overload, Over voltage protected
- * Built in EMI filter, low ripple noise
- * CE, UL, TUV approvals
- * Mounts on standard DIN rails

General Ratings

Storage temperature	-20 to +70 °C
Operating temperature	-10 to +60 °C
Weight	470g
Dimensions	126 mm wide 62 mm long 62 mm high
Supply voltage	88 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	120mV pk - pk
Line regulation	+/- 0.2%
Load regulation	+/- 0.2%
Rise/Hold up time	50mS/10mS at 115VAC, 50mS/80mS at 230VAC
Overload protection	110 ~ 180% rated output power 27.6 ~ 32.4V
Over voltage protection	3KV I/P - O/P (1 Min)
Dielectric strength	UL1012, TUV EN60950, IEC950, UL1950
Conforms to safety standards	CISPR22 (EN55022), IEC801-234, IEC555-2,
Conforms to EMC standards	CISPR22
Unit mounting	The unit can be mounted on standard DIN rail profiles conforming to EN50 045, EN50 035 and EN50 022 standards
Housing	Polyamide PA and PVC, UM 108 Phoenix Contact. Inflammability class V0 (UL94)



Terminal Connections

<u>Terminal</u>	<u>Description</u>	<u>Notes</u>
L	Live	Live connection to mains supply.
N	Neutral	Neutral connection to mains supply.
Q	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 panel mounting versions and also 2.5 Amp 24VDC and 4.5 Amp 24VDC output versions



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Order Codes

Part Number
DRM-PS 24/1.1

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