



STOCK RANGE OF MINIATURE AC TO DC DIN RAIL MOUNTABLE SWITCHED-MODE POWER SUPPLIES FROM 10 WATTS TO 100 WATTS

Competitive prices and ex stock for immediate despatch.

High quality and approved to EN, UL and CE.

Rated from 10 Watts to 100 Watts.

Narrow profile optimising the space on the DIN rail.

Wide input range 85V~264V AC 1ph.

Output voltages of 5V, 12V, 15V, 24V, and 48V DC.

EMC standards: EN 55022 Class B, EN 61000-3-2/3 (All), and EN 55024.



MDR-20-24

A high quality, highly cost-effective range of DIN rail mountable switched-mode power supplies from 10W to 100W. These units possess a special narrow profile perfect for optimising space on the DIN rail where space is of a premium. All units are available ex stock for immediate despatch, usually, on a next day delivery. They are available with a variety of output voltages including 5V, 12V, 15V, 24V, and 48V DC. The models are approved to EN and UL standards and are CE marked. They have universal inputs and all units are fully protected against overload, short circuit, and over voltage. Each is subjected to a 100% full load burn-in test and an LED indicator lights up to signal 'power on'. Units have a DC output adjuster to increase the rated output voltage and safety standards are to EN and UL requirements. The ambient temperature range of the power supplies within this series is from -15 °C to +55 °C and all models have a full 3 year warranty.

Reference	Wattage	Input Voltage	Output Voltage and Current	Output V Tolerance	Ripple & Noise	Efficiency	Dimensions L x D x H (mm)
MDR-10-5	10 Watt	85~264V AC 1ph 120~370V DC	5V DC 2.00A	+/- 1.0%	80mVp-p	77%	22.5 x 100.0 x 90.0
MDR-10-12	10 Watt	85~264V AC 1ph 120~370V DC	12V DC 0.80A	+/- 1.0%	120mVp-p	81%	22.5 x 100.0 x 90.0
MDR-10-15	10 Watt	85~264V AC 1ph 120~370V DC	15V DC 0.60A	+/- 1.0%	120mVp-p	81%	22.5 x 100.0 x 90.0
MDR-10-24	10 Watt	85~264V AC 1ph 120~370V DC	24V DC 0.40A	+/- 1.0%	150mVp-p	84%	22.5 x 100.0 x 90.0
MDR-20-5	20 Watt	85~264V AC 1ph 120~370V DC	5V DC 3.00A	+/- 2.0%	80mVp-p	76%	22.5 x 100.0 x 90.0
MDR-20-12	20 Watt	85~264V AC 1ph 120~370V DC	12V DC 1.67A	+/- 1.0%	120mVp-p	80%	22.5 x 100.0 x 90.0
MDR-20-15	20 Watt	85~264V AC 1ph 120~370V DC	15V DC 1.34A	+/- 1.0%	120mVp-p	81%	22.5 x 100.0 x 90.0
MDR-20-24	20 Watt	85~264V AC 1ph 120~370V DC	24V DC 1.00A	+/- 1.0%	150mVp-p	84%	22.5 x 100.0 x 90.0
MDR-40-5	40 Watt	85~264V AC 1ph 120~370V DC	5V DC 6.00A	+/- 2.0%	80mVp-p	78%	40.0 x 100.0 x 90.0
MDR-40-12	40 Watt	85~264V AC 1ph 120~370V DC	12V DC 3.33A	+/- 1.0%	120mVp-p	86%	40.0 x 100.0 x 90.0
MDR-40-24	40 Watt	85~264V AC 1ph 120~370V DC	24V DC 1.70A	+/- 1.0%	150mVp-p	88%	40.0 x 100.0 x 90.0
MDR-40-48	40 Watt	85~264V AC 1ph 120~370V DC	48V DC 0.83A	+/- 1.0%	200mVp-p	88%	40.0 x 100.0 x 90.0
MDR-60-5	60 Watt	85~264V AC 1ph 120~370V DC	5V DC 10.00A	+/- 1.5%	80mVp-p	78%	40.0 x 100.0 x 90.0
MDR-60-12	60 Watt	85~264V AC 1ph 120~370V DC	12V DC 5.00A	+/- 1.0%	120mVp-p	86%	40.0 x 100.0 x 90.0
MDR-60-24	60 Watt	85~264V AC 1ph 120~370V DC	24V DC 2.50A	+/- 1.0%	150mVp-p	88%	40.0 x 100.0 x 90.0
MDR-60-48	60 Watt	85~264V AC 1ph 120~370V DC	48V DC 1.25A	+/- 1.0%	200mVp-p	87%	40.0 x 100.0 x 90.0
MDR-100-12	100 Watt	85~264V AC 1ph 120~370V DC	12V DC 7.50A	+/- 1.0%	120mVp-p	85%	55.0 x 100.0 x 90.0
MDR-100-24	100 Watt	85~264V AC 1ph 120~370V DC	24V DC 4.00A	+/- 1.0%	150mVp-p	86%	55.0 x 100.0 x 90.0
MDR-100-48	100 Watt	85~264V AC 1ph 120~370V DC	48V DC 2.00A	+/- 1.0%	200mVp-p	88%	55.0 x 100.0 x 90.0

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