



STOCK RANGE OF ECONOMICAL HIGH SPECIFICATION DIN RAIL SWITCHED-MODE POWER SUPPLIES FROM 75 WATTS TO 480 WATTS

EDR series with models from 75 Watts to 150 Watts and
NDR series with models from 75 Watts to 480 Watts.

Input range of 90~264V AC 1ph 47~63 Hz or 127~370V DC.

Competitive prices and ex stock for immediate despatch.

High quality and approved to UL 508 and TUV EN 60950-1.

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

100% full load burn-in test.

Full 2 year (EDR series) / 3 year (NDR series) warranty.



A new high quality economical range of wide input voltage DIN rail mountable switched mode power supplies from 75W to 150W. These units have a special narrow profile to optimise space on the DIN rail and all types are ex stock. They are available with a variety of output voltages and are approved to UL 508 (Industrial Control Equipment) with UL, CUL, TUV, CB, and CE pending. Units are fully protected against overload, short circuit, over voltage, and over temperature and have an LED indicator to signal 'power on'. Each unit has a DC output adjuster to increase the rated output voltage by 15% and all are subjected to a 100% full load burn-in test. EMC standards are to EN 61000-6-2 (EN 50082-2) and the power supplies within this range are designed for a wide ambient temperature range of between -20 °C and +60 °C. All models have a full 2 year warranty for complete peace of mind after purchase.

| Reference | Wattage | Input Voltage | Output Voltage and Current | Output V Tolerance | Ripple & Noise | Efficiency | Dimensions D x W x H (mm) |
|------------|----------|----------------------------|----------------------------|--------------------|----------------|------------|---------------------------|
| EDR-75-12 | 75 Watt | 90~264V AC 1ph 127~370V DC | 12V DC 6.3A | +/- 2% | 100mVp-p | 82% | 102.0 x 32.0 x 125.2 |
| EDR-75-24 | 75 Watt | 90~264V AC 1ph 127~370V DC | 24V DC 3.2A | +/- 1% | 150mVp-p | 84% | 102.0 x 32.0 x 125.2 |
| EDR-75-48 | 75 Watt | 90~264V AC 1ph 127~370V DC | 48V DC 1.6A | +/- 1% | 240mVp-p | 85% | 102.0 x 32.0 x 125.2 |
| EDR-120-12 | 120 Watt | 90~264V AC 1ph 127~370V DC | 12V DC 10.0A | +/- 2% | 100mVp-p | 82% | 113.5 x 40.0 x 125.2 |
| EDR-120-24 | 120 Watt | 90~264V AC 1ph 127~370V DC | 24V DC 5.0A | +/- 1% | 100mVp-p | 84% | 113.5 x 40.0 x 125.2 |
| EDR-120-48 | 120 Watt | 90~264V AC 1ph 127~370V DC | 48V DC 2.5A | +/- 1% | 120mVp-p | 85% | 113.5 x 40.0 x 125.2 |
| EDR-150-24 | 150 Watt | 90~264V AC 1ph 127~370V DC | 24V DC 6.5A | +/- 1% | 150mVp-p | 87% | 113.5 x 40.0 x 125.2 |

A new high quality economical range of wide input voltage DIN rail mountable switched mode power supplies from 75W to 480W. These units have a special narrow profile to optimise space on the DIN rail and all types are ex stock. They are available with a variety of output voltages and are approved to UL 508 (Industrial Control Equipment) with UL, CUL, TUV, CB, and CE pending. Units are fully protected against overload, short circuit, over voltage, and over temperature and have an LED indicator to signal 'power on'. Each unit has a DC output adjuster to increase the rated output by 15% and all are subjected to a 100% full load burn-in test. EMC standards are to EN 61000-6-2 (EN 50082-2) and are the power supplies within this range are designed for a wide ambient temperature range of between -20 °C and +70 °C. All models have a full 3 year warranty for complete peace of mind after purchase.

| Reference | Wattage | Input Voltage | Output Voltage and Current | Output V Tolerance | Ripple & Noise | Efficiency | Dimensions D x W x H (mm) |
|------------|----------|----------------------------|----------------------------|--------------------|----------------|------------|---------------------------|
| NDR-75-12 | 75 Watt | 90~264V AC 1ph 127~370V DC | 12V DC 6.3A | +/- 2% | 80mVp-p | 85.5% | 102.0 x 32.0 x 125.2 |
| NDR-75-24 | 75 Watt | 90~264V AC 1ph 127~370V DC | 24V DC 3.2A | +/- 1% | 120mVp-p | 88.0% | 102.0 x 32.0 x 125.2 |
| NDR-75-48 | 75 Watt | 90~264V AC 1ph 127~370V DC | 48V DC 1.6A | +/- 1% | 150mVp-p | 89.0% | 102.0 x 32.0 x 125.2 |
| NDR-120-12 | 120 Watt | 90~264V AC 1ph 127~370V DC | 12V DC 10.0A | +/- 2% | 100mVp-p | 85.5% | 113.5 x 40.0 x 125.2 |
| NDR-120-24 | 120 Watt | 90~264V AC 1ph 127~370V DC | 24V DC 5.0A | +/- 1% | 120mVp-p | 88.0% | 113.5 x 40.0 x 125.2 |
| NDR-120-48 | 120 Watt | 90~264V AC 1ph 127~370V DC | 48V DC 2.5A | +/- 1% | 150mVp-p | 89.0% | 113.5 x 40.0 x 125.2 |
| NDR-240-24 | 240 Watt | 90~264V AC 1ph 127~370V DC | 24V DC 10.0A | +/- 1% | 150mVp-p | 88.5% | 113.5 x 63.0 x 125.2 |
| NDR-240-48 | 240 Watt | 90~264V AC 1ph 127~370V DC | 48V DC 5.0A | +/- 1% | 150mVp-p | 90.0% | 113.5 x 63.0 x 125.2 |
| NDR-480-24 | 480 Watt | 90~264V AC 1ph 127~370V DC | 24V DC 20.0A | +/- 1% | 150mVp-p | 92.5% | 128.5 x 85.5 x 125.2 |
| NDR-480-48 | 480 Watt | 90~264V AC 1ph 127~370V DC | 48V DC 10.0A | +/- 1% | 150mVp-p | 92.5% | 128.5 x 85.5 x 125.2 |

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