

10 Watt, MDR 10 Series, Slim Line DIN Rail Power Supply

ALL PSU LTD
Electronic Power Solutions

- Universal AC Input
- High Efficiency, High Reliability
- Wide Temperature Range to +70 °C
- DC OK Signal, Power On LED,
- Short Circuit, Over Load, Over Voltage, Protected
- Very Compact Size
- Full Approvals : UL/CUL/TUV/CE/CB
- 3 Year Warranty
- Very Competitive Prices / From Stock



Size: 90(H) x 22.5(W) x 100(D) mm

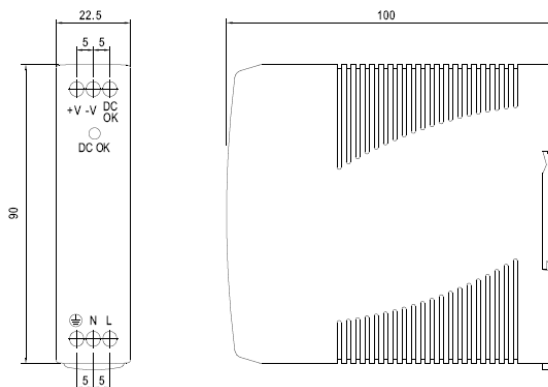
Specification

| | |
|---------------------------------|---|
| Input Voltage (Universal)..... | 85~264 VAC, (120~370 VDC) |
| Input Frequency..... | 47~63 Hz |
| Inrush Current..... | Cold start, 35A @ 115V, 70A @ 230V |
| No Load Input Power..... | Less than 0.75 Watts |
| Output Voltage..... | See table below |
| Over Load Protection..... | >105% load, hiccup mode, auto recovery |
| Over Voltage Protection..... | Shuts down, re-power unit to reset |
| Set Up, Rise, Hold Up Time..... | 500 ms, 30 ms, 120 ms @ 230 VAC full load |
| Isolation Voltage..... | I/P-O/P: 3 kVAC, I/P-F/G: 1.5 kVAC |
| Operating Temperature..... | -20~+70 °C (see derating curve) |
| Safety Standards..... | UL508, TUV EN60950-1 approved, NEC class 2 / LPS compliant |
| EMC Standards..... | EN55011, EN55022 (CISPR22) Class B EN61000-3-2, 3. EN55024, EN61000-6-1 EN61000-4-2,3,4,5,6,8,11, ENV50204 EN61204-3 Class B, Light industrial level criteria A |
| Dimensions..... | 90(H) x 22.5(W) x 100 (depth from rail) mm |
| MTBF..... | 584 k hrs (MIL-HDBK-217F) @ 25 °C |
| Weight..... | 0.17 kg |

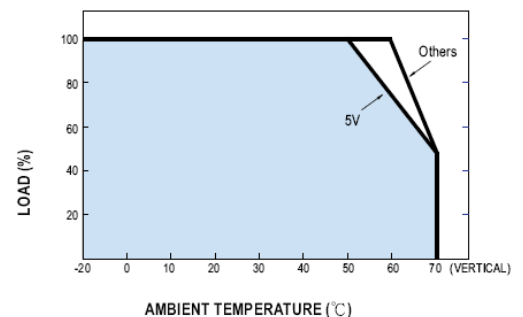
Models and Ratings

| Model | Output | Ripple/Noise | Efficiency |
|---------------------------|---------------|--------------|------------|
| MDR-10-5 | 5.0 V / 2.0 A | 80 mV | 77% |
| MDR-10-12 | 12 V / 0.84 A | 120 mV | 81% |
| MDR-10-15 | 15 V / 0.67 A | 120 mV | 81% |
| MDR-10-24 | 24 V / 0.42 A | 150 mV | 84% |

Mechanical Details



Derating Curve



Specifications can change without notice. E&OE. ALL PSU Terms & Conditions apply.
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