

15 Watt, FDR 15 Series, Slim Line DIN Rail Power Supply



electronicpowersolutions

- Universal AC Input
- High Efficiency, High Reliability
- Wide Temperature Range -25 to +70 °C
- Output On / Low LED's, Output Voltage Trim
- Over Load, Over Voltage Protected
- Full Approvals: UL/cUL/CE
- 3 Year Warranty
- Competitive Prices / From Stock



Size: 95(H) x 22.5(W) x 108(D) mm

Specification

Input Voltage (Universal).....	90~264 VAC, (127~370 VDC)
Input Frequency.....	47~63 Hz
Inrush Current.....	Cold start, 40A Max at 230 Volts AC
Input Current.....	0.45 A @115 VAC, 0.3 A @ 230 VAC
Load Regulation.....	+/-1%
Line Regulation.....	+/-0.5%
Output Voltage.....	See table below (plus adjustment range)
Over Load Protection.....	110~150% (auto-recovery)
Over Voltage Protection.....	115 ~ 140% of output voltage
Set Up, Hold Up Time.....	560 ms, 20 ms
Isolation Voltage.....	I/P-O/P: 3 kVAC,
Operating Temperature.....	-25~+70 °C (see derating curve)
Safety Standards.....	UL, C-UL, CE, CB
EMC Standards.....	FCC Part 15 Class B, VCCI-B, CLSPR22-B, EN55022-B
Dimensions.....	95(H) x 22.5(W) x 108 (depth from rail) mm
Weight.....	200g

Models and Ratings

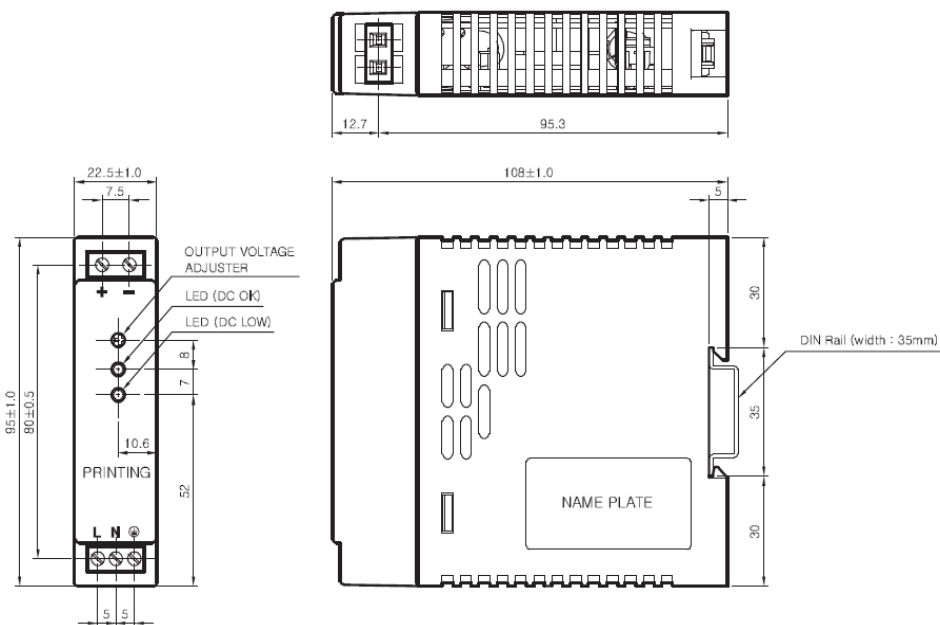
Model	Output	Output Adj. Range	Ripple/Noise	Efficiency
FDR-15-05	5.0 V / 2 A	4.5 V ~ 5.5 V	120 mV	72%
FDR-15-12	12.0 V / 1.2 A	10.8 V ~ 13.2 V	150 mV	77%
FDR-15-24	24.0 V / 0.65 A	21.6 V ~ 26.4 V	150 mV	79%

For mechanical details and connections, see next page

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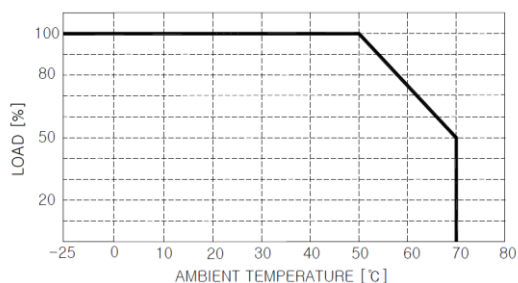
Mechanical Details



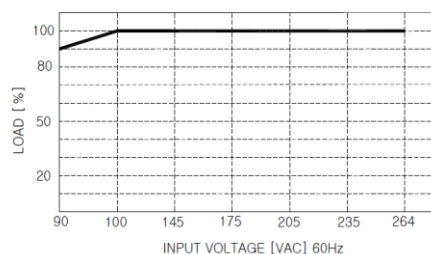
DC_OK LAMP - LED (GREEN)
DC_LOW LAMP - LED (RED))

Derating Curves:

Load vs Ambient Temperature



Load vs Input Voltage



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

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