

# 480 Watt, FDR 480 Series, Slim Line DIN Rail Power Supply



electronicpowersolutions

- Universal AC Input
- High Efficiency, High Reliability
- Wide Temperature Range -25 to +60 °C
- Built In DC OK Relay Contact
- Built In Parallel Operation Function
- Power On LED, Output Voltage Trim
- Over Load, Over Voltage Protected
- Full Approvals: cUL/CE/CB
- 3 Year Warranty
- Very Competitive Prices / From Stock



Size: 130(H) x 86.5(W) x 128(D) mm

## Specification

Input Voltage (Universal).....	90~264 VAC, (127~370 VDC)
Input Frequency.....	47~63 Hz
Inrush Current.....	Cold start, 80A Max
Input Current.....	5 A @ 115 VAC, 2.5 A @ 230 VAC
Power Factor.....	>0.94 @ 230VAC, >0.98 @ 115 VAC
Load Regulation.....	+/-1.0%
Line Regulation.....	+/-1.0%
Output Voltage.....	See table below (plus adjustment range)
Over Load Protection.....	110%
Over Voltage Protection.....	29 ~ 33V (24V Model) 56~65V (48V Model)
Set Up, Hold Up Time.....	1500 ms, 14 ms
Isolation Voltage.....	I/P-O/P: 3 kVAC,
Operating Temperature.....	-25~+60 °C (see derating curve)
Safety Standards.....	C-UL, CE, CB
EMC Standards.....	EN55011 / EN55022-B, FCC-B EN61000-3-2 (Class-A)
Dimensions.....	130(H) x 86.5(W) x 128 (depth from rail) mm
Weight.....	1.7 kg

## Models and Ratings

Model	Output	Adj. Range	Ripple/Noise	Efficiency
<b>FDR-480-24</b>	24.0 V / 20 A	24 V ~ 28 V	300 mV	90%
<b>FDR-480-48</b>	48.0 V / 10 A	48 V ~ 55 V	300 mV	92%

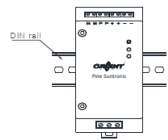
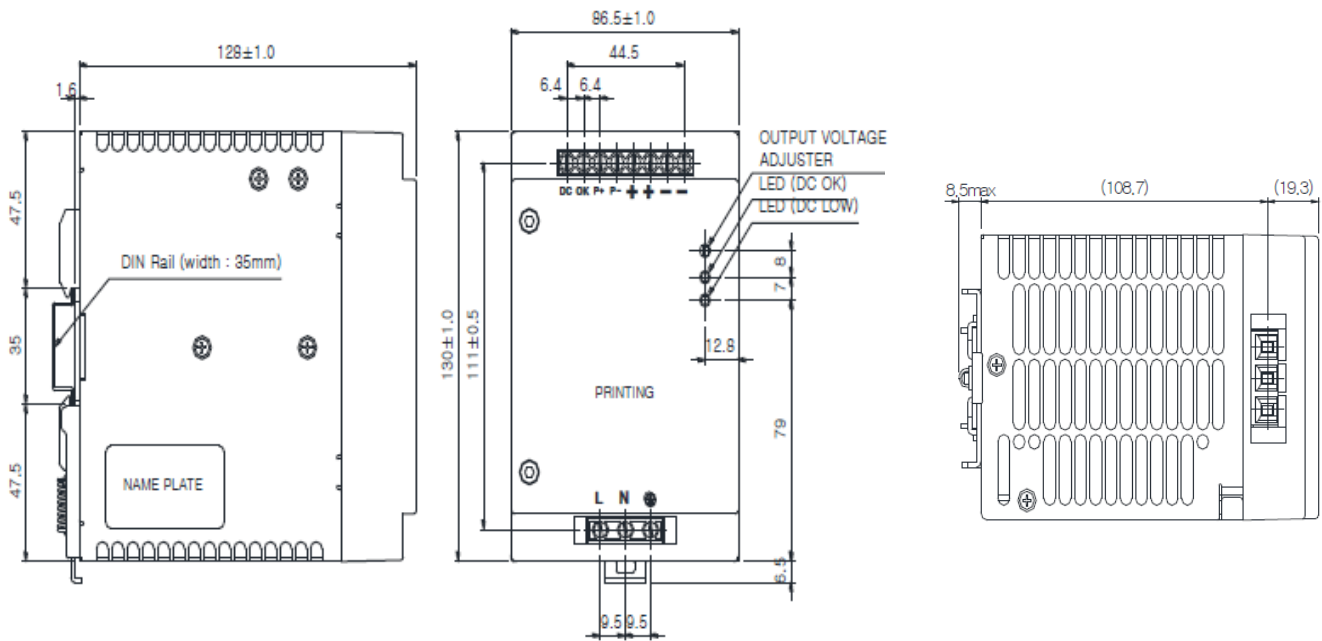
Note : All units have a built in DC OK relay contact & parallel operation function as standard

For mechanical details and connections, see next page

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# 480 Watt, FDR 180 Series, Slim Line DIN Rail Power Supply

## Mechanical Details



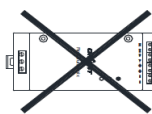
(A) Standard



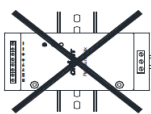
(B)



(C)



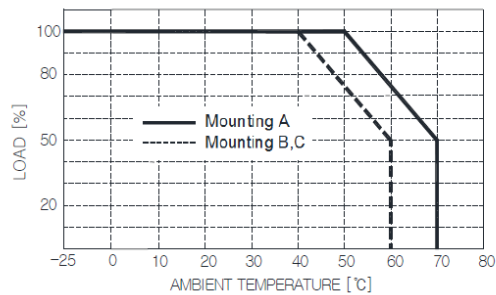
(D)



(E)



(F)



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

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