

FDR30-S

FDR 30-12

Series name

Total output wattage

Output voltage combination

Features:

- 30 Watt
- Low cost
- Compact size
- Universal AC input full range
- Compatible with DIN rail TS-35 / 7.5 or 15
- PFC as standard (180W, 240W)
- Over voltage protection
- Over current protection
- LED indicator for DC power ON
- LED indicator for DC low
- 3 year warranty

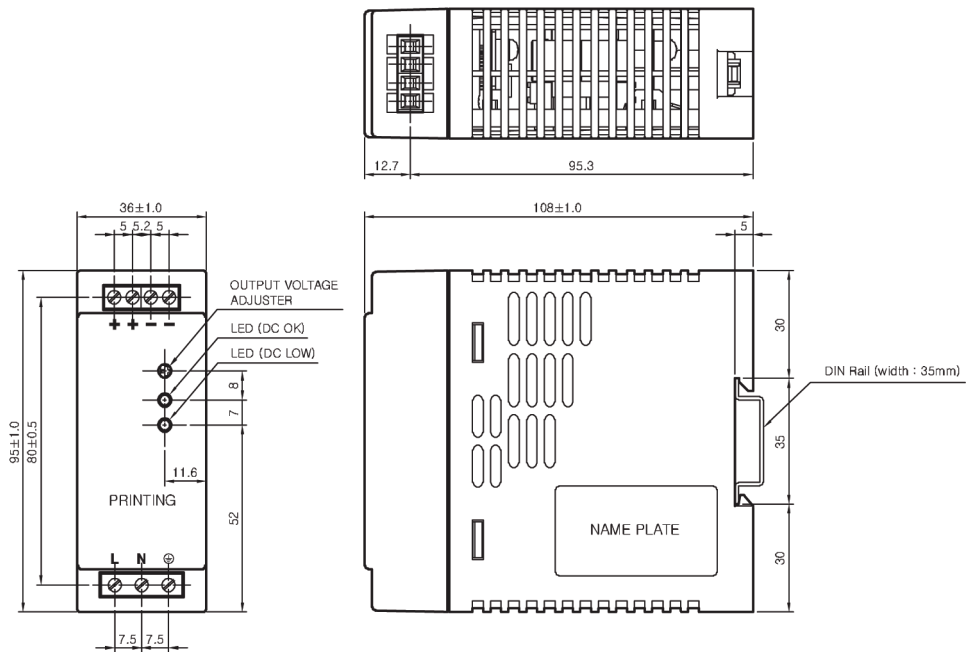


FDR30-S Specifications



	MODEL	FDR30-12	FDR30-24
INPUT	VOLTAGE, FREQUENCY	AC100-240V (AC 90~264V OR DC 127~370V) 50/60Hz (47~63Hz), universal input	
	CURRENT [A]	110V	0.9 (I _o =100%)
		220V	0.6 (I _o =100%)
	EFFICIENCY [%]	110V	82 typ
		220V	84 typ
	INRUSH CURRENT	20A typ (AC IN 110V, I _o =100%), 40A typ (AC IN 220V, I _o =100%) at cold start	
OUTPUT	VOLTAGE [V]	12	24
	CURRENT [A]	2.5	1.3
	VOLTAGE ADJUSTMENT RANGE [V]	10.8 ~ 13.2	21.6 ~ 26.4
	REGULATION, LINE [mV]	60	120
	REGULATION, LOAD [mV]	120	240
	RIPPLE, NOISE MAX [mV]	150	150
	TEMPERATURE DRIFT [mV]	180	360
	RISE TIME [ms]	560 Max (AC IN 110V I _o =100%)	
	HOLDING TIME [ms]	20 typ (AC IN 110V I _o =100%)	
FUNCTION	OVER CURRENT PROTECTION [A]	Works at over 110 ~ 150% of rating and recovers automatically	
	OVER VOLTAGE PROTECTION [V]	Works at 115 ~ 140% of rating	
	DC_OK LAMP	LED (GREEN)	
	DC_LOW LAMP	LED (RED)	
	PARALLEL / SERIES OPERATION	-	
	COOLING / O.T.P	Convention cooling	
ELECTRICALLY ISOLATED	INPUT-OUTPUT	AC 3,000V 1 minute current 20mA, DC 500V 100MΩ (At room temperature & humidity)	
	INPUT-CASE, FG	AC 2,000V 1 minute current 20mA, DC 500V 100MΩ (At room temperature & humidity)	
	OUTPUT-CASE,FG	AC 500V 1 minute current 20mA, DC 500V 100MΩ (At room temperature & humidity)	
ENVIRONMENT	OPERATING TEMP AND HUMID	-25 ~ +70°C (Required Derating), 20 ~ 90% RH (Non Condensing)	
	STORAGE TEMP AND HUMID	-40 ~ +85°C, 20 ~ 90% RH (Non Condensing)	
	VIBRATION	10 ~ 55Hz at 2G, 1 minute period, 1 hour long, X, Y and Z axis	
SAFETY	SAFETY REGULATION	UL, C-UL, CE, CB	UL, C-UL, CE, CB
EMISSION	CONDUCTED EMISSION	Complies with FCC Part 15 ClassB, VCCI-B, CLSPR22-B, EN55022-B	

FDR30-S External View



- * Weight : 250g
- * Tolerance : ± 1
- * Dimensions in mm

Data sheets subject to change without notice, please check with our sales office before ordering.

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