

FDR 15-05

Series name

Total output wattage

Output voltage combination

Features:

- 15 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

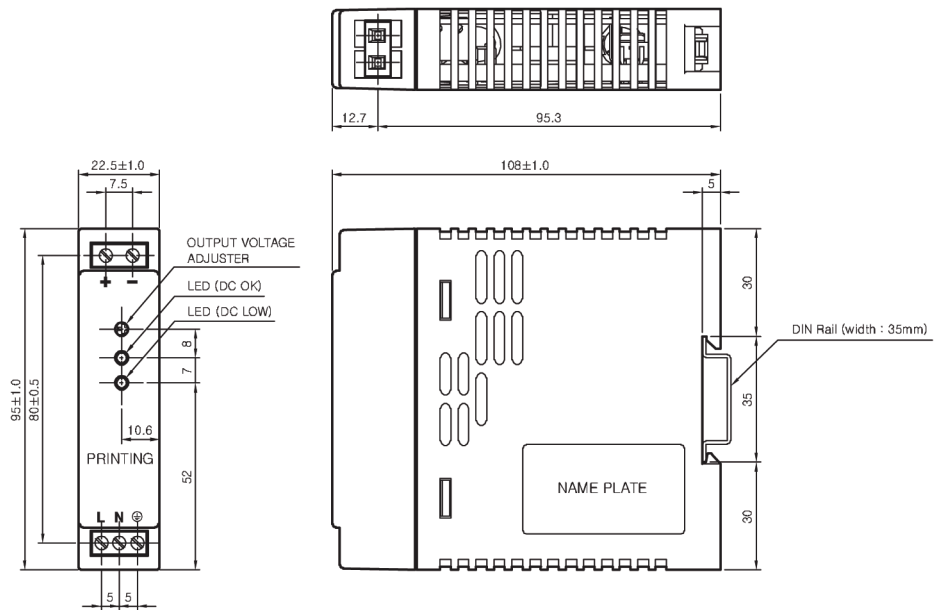


FDR15-S Specifications



	MODEL		FDR15-05	FDR15-12	FDR15-24
INPUT	VOLTAGE, FREQUENCY		AC100-240V (AC 90~264V OR DC 127~370V) 50/60Hz (47~63Hz), universal input		
	CURRENT [A]	110V	0.45 (I _o =100%)		
		220V	0.3 (I _o =100%)		
	EFFICIENCY [%]	110V	74 typ	79 typ	82 typ
		220V	72 typ	77 typ	79 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]	5	12	24	
	CURRENT [A]	2	1.2	0.65	
	VOLTAGE ADJUSTMENT RANGE [V]	4.5 ~ 5.5	10.8 ~ 13.2	21.6 ~ 26.4	
	REGULATION, LINE [mV]	25	60	120	
	REGULATION, LOAD [mV]	50	120	240	
	RIPPLE, NOISE MAX [mV]	120	150	150	
	TEMPERATURE DRIFT [mV]	75	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-FG		AC 2,000V 1 minute current 20mA, DC 500V 100MΩ (At room temperature & humidity)		
	OUTPUT-FG		AC 500V 1 minute current 100mA, 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	UL, C-UL, CE, CB
EMISSION	CONDUCTED EMISSION		Complies with FCC Part 15 ClassB, VCCI-B, CLSPR22-B, EN55022-B		

FDR15-S External View



- * Weight : 200g
- * Tolerance : ± 1
- * Dimensions in mm

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

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