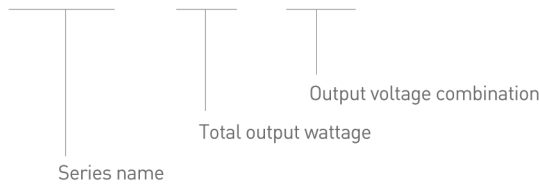


FDR 240-24



Features:

- 240 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



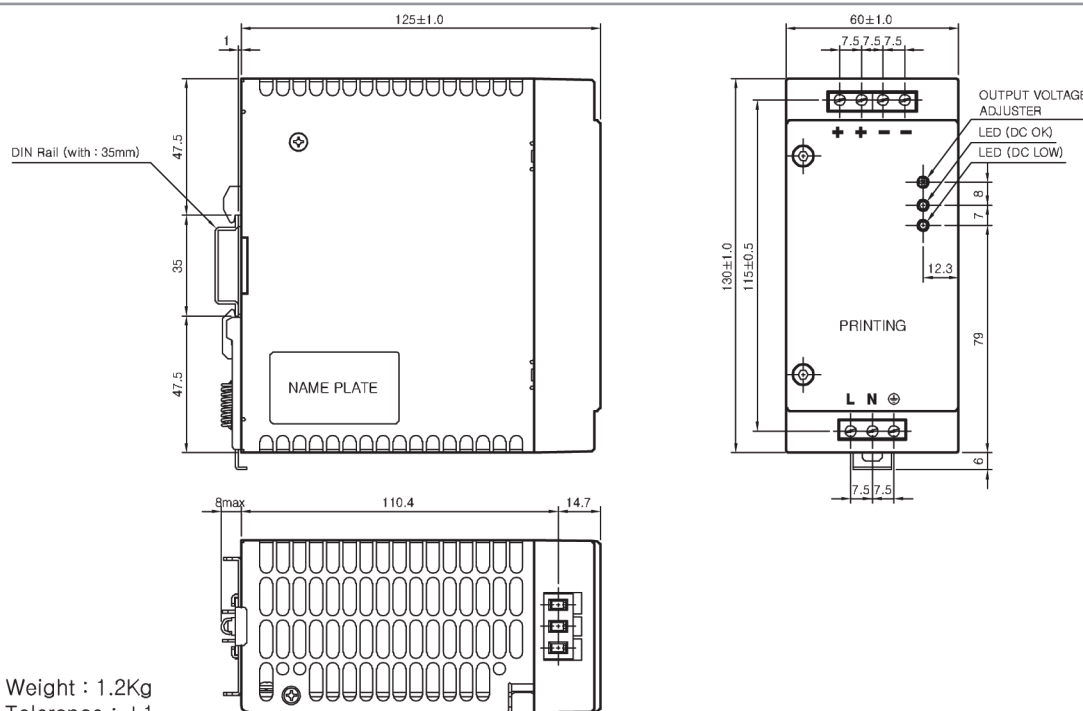
FDR240-S Specifications



	MODEL		FDR240-24	FDR240-48
INPUT	VOLTAGE, FREQUENCY		AC100-240V (AC 90~264V OR DC 127~370V) 50/60Hz (47~63Hz), universal input	
	CURRENT [A]	110V	2.5 (I ₀ =100%)	
		220V	1.25 (I ₀ =100%)	
	EFFICIENCY [%]	110V	89 typ	90 typ
		220V	91 typ	92 typ
	POWER FACTOR	110V	0.98 typ	
		220V	0.93 typ	
INRUSH CURRENT		50A typ (AC IN 110V / 220V I ₀ =100%) at cold start		
OUTPUT	VOLTAGE [V]	24	48	
	CURRENT [A]	10	5	
	VOLTAGE ADJUSTMENT RANGE [V]	22.5 ~ 28.5	45 ~ 55	
	RATED POWER [W]	240	240	
	REGULATION, LINE [mV]	120	240	
	REGULATION, LOAD [mV]	240	480	
	RIPPLE, NOISE MAX [mV]	100	120	
	TEMPERATURE DRIFT [mV]	360	720	
	RISE TIME [ms]	3600 Max (AC IN 110V I ₀ =100%)		
	HOLDING TIME [ms]	20 typ (AC IN 110V I ₀ =100%)		
FUNCTION	OVER CURRENT PROTECTION [A]	Works at over 110 ~ 150% of rating, current limiting, current limited with auto-recovery		
	OVER VOLTAGE PROTECTION [V]	30 ~ 35	60 ~ 65	
	DC_OK LAMP	LED (GREEN)		
	DC_LOW LAMP	LED (RED)		
	PARALLEL / SERIES OPERATION	Series operations is possible		
	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 EN55011 / EN55022-B, FCC-B
PFHC	HARMONIC CURRENT	Complies with EN61000-3-2 (Class A)

FDR240-S External View



- * Weight : 1.2Kg
- * Tolerance : ± 1
- * Dimensions in mm

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

Rev no. 062013