

R-NDR-240-48 SWITCHING POWER SUPPLY

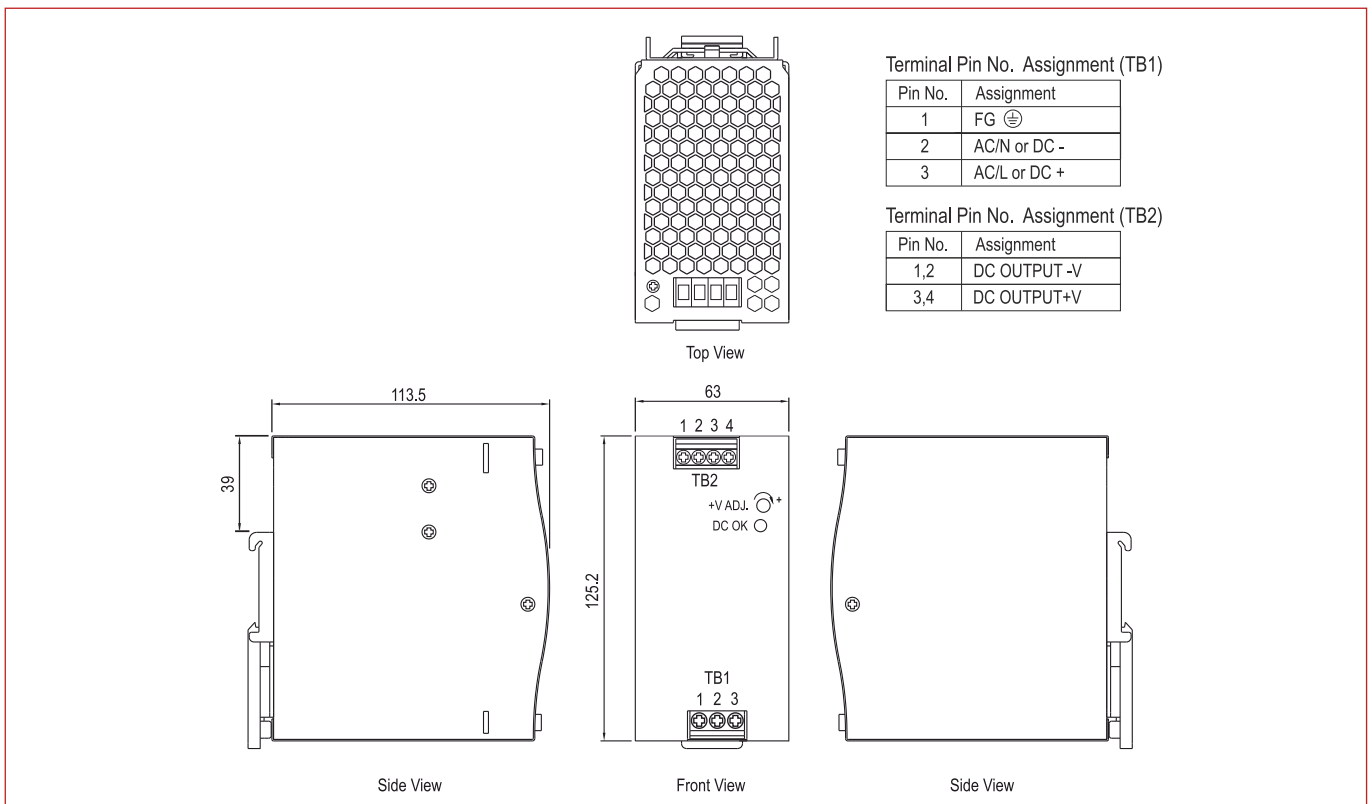
NEW!

Main Features

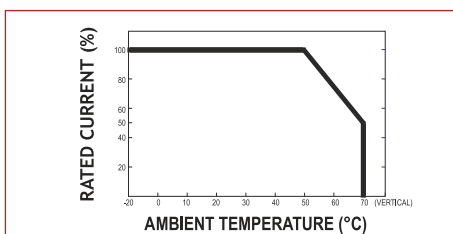
- 5A output - 48V DC
- AC input voltage range: 90~264 VAC
- -20~+70 °C ambient temperature
- Protections: Short Circuit, Overload, Over Voltage, Over Temperature
- DC output voltage adjustable
- DIN rail TS-35 / 7.5 or 15 mounting
- Warranty: 24 months



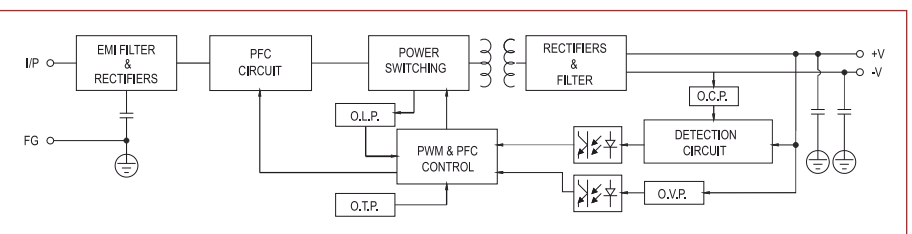
Dimensions (Units:mm)



MORE INFO



DERATING CURVE

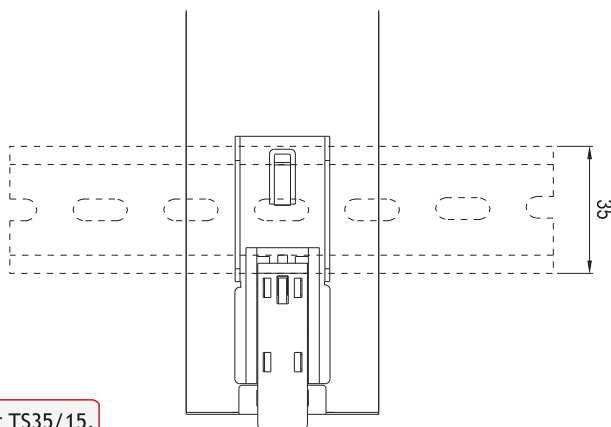


BLOCK DIAGRAM

Specifications

MODEL		R-NDR-240-48	
OUTPUT	DC VOLTAGE	48V	
	RATED CURRENT	5A	
	RATED POWER (convection)	240W	
	VOLTAGE ADJ. RANGE	48-55V	
	VOLTAGE TOLERANCE Note.3	±1.0%	
	LINE REGULATION	±0.5%	
	LOAD REGULATION	±1.0%	
INPUT	VOLTAGE RANGE Note.3	90 ~ 264VAC	127 ~ 370VDC
	FREQUENCY RANGE	47 ~ 63Hz	
	EFFICIENCY	88,5%	
	AC CURRENT (Typ.)	2.5A/115VAC	1.3A/230VAC
PROTECTION	OVERLOAD	105-130% rated output power Protection type : Constant current limiting, recovers automatically after fault condition is removed	
	OVER VOLTAGE	56-65V Protection type :Shut down O/P voltage,re-power on to recover	
	OVER TEMPERATURE	Protection type :Shut down O/P voltage, recovers automatically after temperature goes down	
ENVIRONMENT	WORKING TEMP.	-30 ~ +70 (Refer to "Derating Curve")	
	WORKING HUMIDITY	20 ~ 95% RH non-condensing	
	VIBRATION	10 ~ 500Hz 5G 10min./1c cle 60min. each alon X Y Z axes	
SAFETY & EMC (Note.5)	SAFETY STANDARDS	UL508, TUV EN60950-1 approved	
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC	
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:>100M Ohms / 500VDC / 25 70% RH	
	EMC EMISSION	Compliance to EN55032 (CISPR32), EN61204-3 Class B, EN61000-3-2,-3	
	EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11, EN55024, EN61000-6-2 (EN50082-2), EN61204-3, heavy industry level, criteria A	
OTHERS	MTBF	230.2K hrs min. MIL-HDBK-217F (25°C)	
NOTE	<p>1. All parameters NOT specially mentioned are measured at 230 VAC input, rated load and 25°C ambient temperature.</p> <p>2. Tolerance: includes set up tolerance, line regulation and load regulation.</p> <p>3. Please check the derating curve for more details.</p> <p>4. The ambient temperature derating of 5°C /1000m is needed for operating altitude greater than 2000m (6500ft).</p> <p>5. The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that is still meets EMC directives.</p>		

Mounting



This series fits DIN rail TS35/7.5 or TS35/15.

Back View