



Features :

- . AC input range selectable by switch
- . Built-in passive PFC function compliance to EN61000-3-2
- . High efficiency 89% and low dissipation
- . Protection : short circuit/over load/over voltage/over temp.
- . Cooling by free air convection
- . Built-in constant current limiting circuit
- . Can be installed on DIN rail TS-35/7.5 or 15
- . UL508 (industrial control equipment) approved
- . EN61000-6-2 (EN50082-2) industrial immunity level
- . 100% full load burn-in test

.3 years warranty

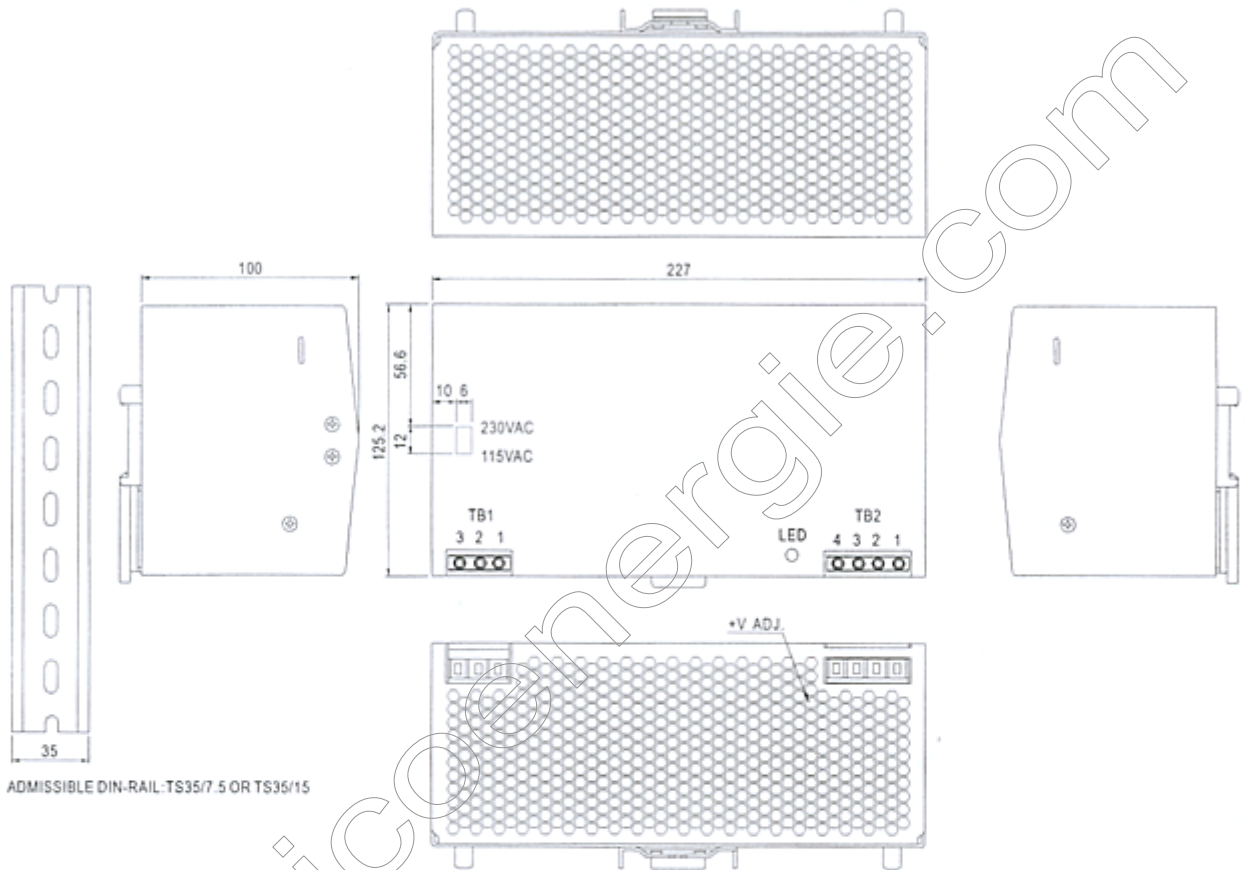


Model	DRP- 480S-24	DRP- 480S- 48	
OUTPUT	DC VOLTAGE	24V	48V
	RATED CURRENT	20A	10A
	CURRENT RANGE	0~20A	0~10A
	RATED POWER	480W	480W
	RIPPLE& NOISE (max.)	120mVp-p	120mVp-p
	VOLTAGE ADJ. RANGE	24~28V	48~55V
	VOLTAGE TOLERANCE	+1.0%	+1.0%
	LINE REGULATION	+0.5%	+0.5%
	LOAD REGULATION	+1.0%	+1.0%
	SETUP, RISE, HOLD TIME	1200ms, 40ms, 20ms/230VAC, 115VAC at full load	
INPUT	VOLTAGE RANGE	90~132VAC 180~264VAC by switch 254~37 VDC	
	FREQUENCY RANGE	47~63Hz	
	POWER FACTOR	≥ 0.7/230 VAC only	
	EFFICIENCY (Typ.)	89%	
	AC CURRENT	11A/115VAC	4A/230VAC
	INRUSH CURRENT	Cold start 30A/115VAC 50A/230VAC	
	LEAKAGE CURRENT	<3.5mA / 240VAC	
PROTECTION	OVER LOAD	105~150% rated output power Protection type : Constant current limiting, recovers automatically after fault condition is removed	
	OVER VOLTAGE	30~36V	59~66V
		Protection type : Shutdown o/p voltage, re-power on to recover	
	OVER TEMPERATURE	100°C +5°C (TSW) Detect on heatsink of power switch Protection type : Shut down o/p voltage, recovers automatically after temperature goes down	
ENVIRONMENT	WORKING TEMP.	-20~+70°C (Refer to output load derating curve)	
	WORKING HUMIDITY	20~90% R.H. non-condensing	
	STORAGE TEMP., HUMID.	-40~+85°C, 10~95% R.H.	
	TEMP. COEFFICIENT	+0.03% / °C (0~50°C)	
	VIBRATION	10~500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes.	
SAFETY & EMC	SAFETY STANDARDS	UL508, TUV EN60950 approved	
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC	
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG; O/P-FG:100M Ohms/500VDC	
	EMI CONDUCT.° & RAD.°	Compliance to EN55011 (CISPR11), EN55022 (CISPR22), EN61204-3 Class B	
	HARMONIC CURRENT	Compliance to EN61000-3-2,-3	
OTHERS	EMT IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11,ENV50204,EN61204-3,EN61000-6-2 (EN50082-2) Heavy industry level, criteria A	
	MTBF	187.9Khrs min. MIL-HDBK-217F (25°C)	
	DIMENSIONS	227.5 x 125.2 x 100mm (W x H x D)	
NOTE	PACKING	2.6Kg, 6pcs/16.6Kg / 1.75CUFT	
		1. All parameters NOT specially mentioned are measured at 400VAC input, rated load and 25°C of ambient temperature. 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1µF & 47µF parallel capacitor. 3. Tolerance : includes set up tolerance, line regulation and load regulation. 4. The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives. 5. Dual phase operation : derating of 20% is required.	



■ Mechanical Specification

Case No.930 Unit:mm



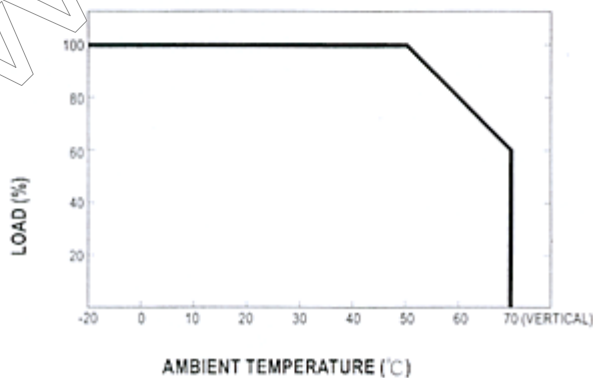
TB1 Terminal Pin. No Assignment

Pin No.	Assignment
1	AC/L
2	AC/N
3	FG Ⓢ

TB2 Terminal Pin. No Assignment

Pin No.	Assignment
1,2	DC OUTPUT +V
3,4	DC OUTPUT -V

■ Derating Curve



■ Output Derating VS Input Voltage

