



Features :

- . Universal AC input / Full range
- . UL508 listed approved
- . PFC 0.98 at 115VAC, 0.95 at 230VAC
- . Installed on DIN rail TS35, 7.5 or 15
- . Approvals: UL/CUL/TUV/CB/CE
- . Protections : short circuit, over-load, over-voltage, over-temperature
- . Fix switching frequency at 100KHz
- . LED indication for power on
- . Free air cooling convection
- . 100% full-load burn-in test

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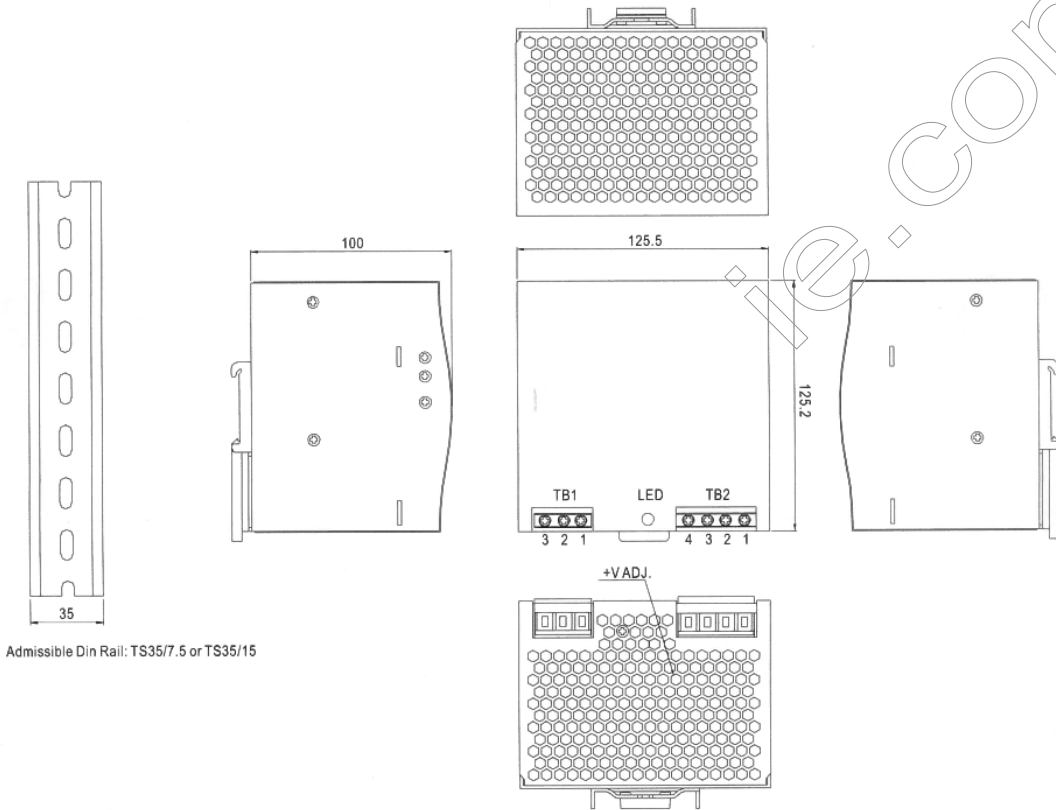
.3 years warranty

MODEL	DRP-240-24	DRP-240-48	
OUTPUT	DC VOLTAGE	24V	48V
	RATED CURRENT	10A	5A
	CURRENT RANGE	0 ~ 10A	0 ~ 5A
	RATED POWER	240W	240W
	RIPPLE & NOISE (max.) Note.2	80mVp-p	150mVp-p
	VOLTAGE ADJ. RANGE	24 ~ 28V	48 ~ 53V
	VOLTAGE TOLERANCE Note.3	±1.0%	±1.0%
	LINE REGULATION	±0.5%	±0.5%
	LOAD REGULATION	±1.0%	±1.0%
	SETUP, RISE TIME	800ms, 40ms/230VAC	800ms, 40ms/115VAC at full load
HOLD TIME (Typ.)	24ms/230VAC	24ms/115VAC at full load	
INPUT	VOLTAGE RANGE Note.5	85 ~ 264VAC	120 ~ 370VDC
	FREQUENCY RANGE	47 ~ 63Hz	
	POWER FACTOR (Typ.)	0.96/230VAC	0.99/115VAC at full load
	EFFICIENCY (Typ.)	84%	85%
	AC CURRENT (Typ.)	2.8A/115VAC	1.4A/230VAC
	INRUSH CURRENT (Typ.)	COLD START 27A/115VAC	45A/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	54 ~ 60V
	OVER TEMPERATURE	100°C ±5°C (TSW1) Detect on heat sink of power transistor Protection type : Shut down o/p. voltage, recovers automatically after temperature goes down	
ENVIRONMENT	WORKING TEMP.	-10 ~ +70°C (Refer to output load derating curve)	
	WORKING HUMIDITY	20 ~ 90% RH non-condensing	
	STORAGE TEMP., HUMIDITY	-20 ~ +85°C; 10 ~ 95% RH	
	TEMP. COEFFICIENT	±0.03%/°C (0 ~ 50°C)	
SAFETY & EMC (Note 4)	VIBRATION	10 ~ 500Hz; 2G 10min./1cycle, 60min. each along X, Y, Z axes	
	SAFETY STANDARDS	UL508, UL60950-1, TUV EN60950-1 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 CONDUCTION & RADIATION	Compliance to EN55011, EN55022 (CISPR22) Class B	
	HARMONIC CURRENT	Compliance to EN61000-3-2, -3	
OTHERS	EMS IMMUNITY	Compliance to EN61000-4-2, 3, 4, 5, 6, 8, 11, ENV50204, EN55024, EN61000-6-2 (EN50082-2) Heavy industry level, criteria A	
	MTBF	105.5Khrs min. MIL-HDBK-217F (25°C)	
	DIMENSION	125.5*125.2*100mm (W*H*D)	
NOTE	PACKING	1.2Kg; 12pcs/15.5Kg/1.2CUFT	
		<p>1. All parameters NOT specially mentioned are measured at 230VAC 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 0.1uf & 47uf 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. Derating may be needed under low input voltages. Please check the derating curve for more details.</p>	



■ Mechanical Specification

Case No. 922A Unit:mm



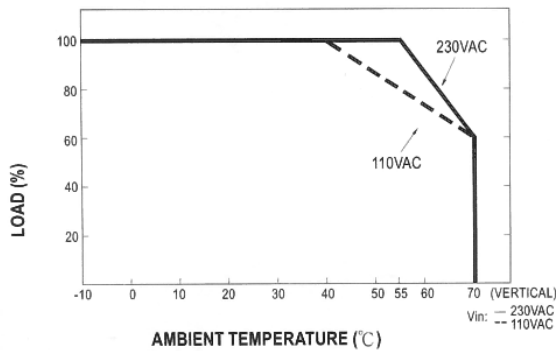
Terminal Pin. No Assignment (TB1)

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

Terminal Pin. No Assignment (TB2)

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

■ Output Derating



■ Output derating VS input voltage

