



- Features :
- *Universal AC input/Full range
- *Protections: Short circuit / Overload / Over voltage
- *Cooling by free air convection
- *Can be installed on DIN rail TS-35/7.5 or 15
- *Isolation classII
- *LED indicator for power on
- *No load power consumption<0.5W
- *100% full load burn-in test
- *3 years warranty

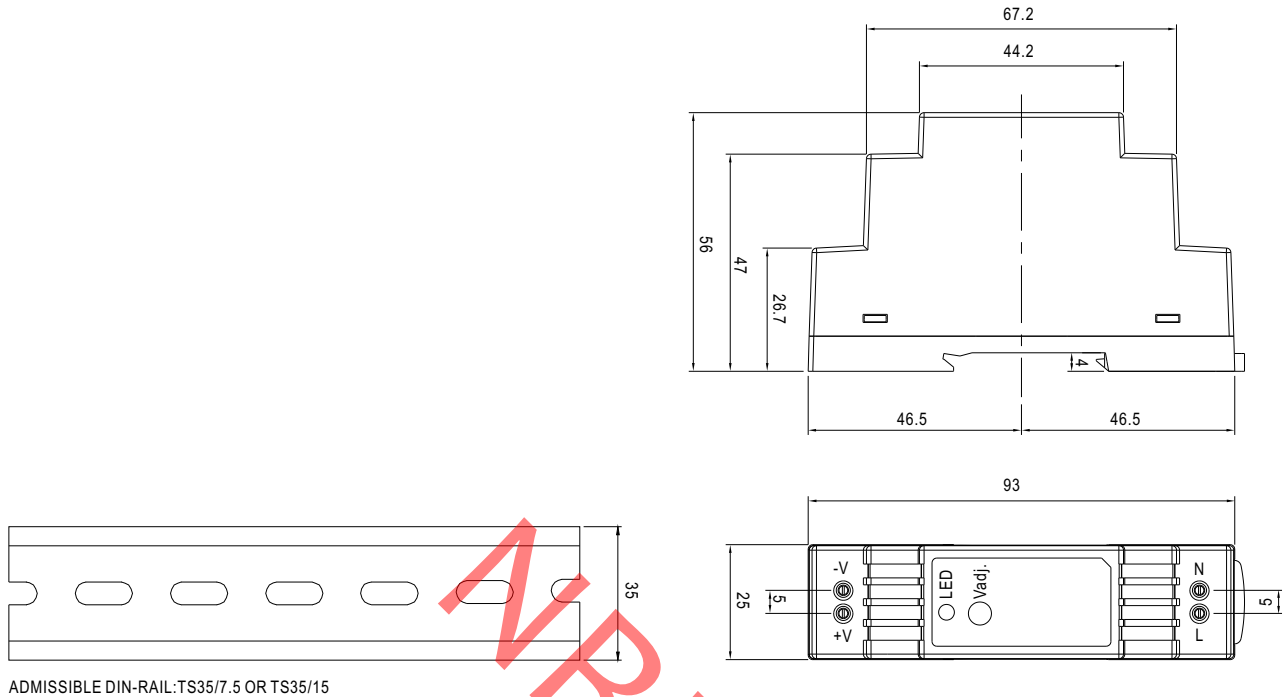


SPECIFICATION

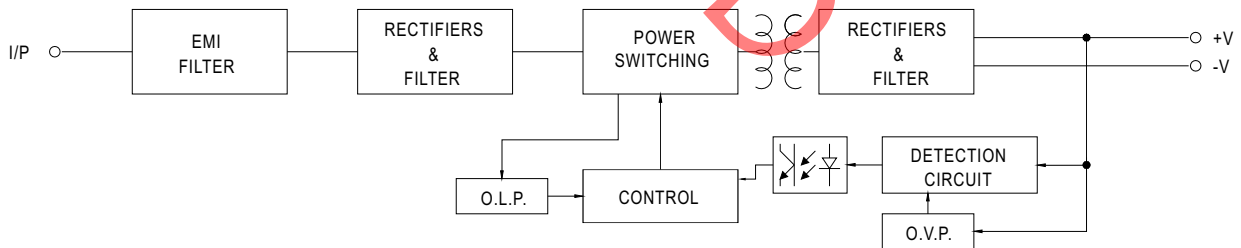
MODEL		DR-15-5		DR-15-12		DR-15-15		DR-15-24	
OUTPUT	DC VOLTAGE	5V		12V		15V		24V	
	RATED CURRENT	2.4A		1.25A		1A		0.63A	
	CURRENT RANGE	0 ~ 2.4A		0 ~ 1.25A		0 ~ 1A		0 ~ 0.63A	
	RATED POWER	12W		15W		15W		15.2W	
	RIPPLE & NOISE (max.) Note.2	80mVp-p		120mVp-p		120mVp-p		150mVp-p	
	VOLTAGE ADJ. RANGE	4.75 ~ 5.5V		10.8 ~ 13.2V		13.5 ~ 16.5V		21.6 ~ 26.4V	
	VOLTAGE TOLERANCE Note.3	±2.0%		±1.0%		±1.0%		±1.0%	
	LINE REGULATION	±1.0%		±1.0%		±1.0%		±1.0%	
	LOAD REGULATION	±1.0%		±1.0%		±1.0%		±1.0%	
	SETUP, RISE TIME	1000ms, 50ms/230VAC		1000ms, 50ms/115VAC at full load					
HOLD UP TIME (Typ.)	70ms/230VAC		16ms/115VAC at full load						
INPUT	VOLTAGE RANGE	85 ~ 264VAC		120 ~ 370VDC					
	FREQUENCY RANGE	47 ~ 63Hz							
	EFFICIENCY (Typ.)	77%		84%		83.5%		85%	
	AC CURRENT (Typ.)	0.88A/115VAC		0.48A/230VAC					
	INRUSH CURRENT (Typ.)	COLD START 35A/115VAC		65A/230VAC					
PROTECTION	OVERLOAD Note.5	105 ~ 160% rated output power							
		Protection type : Constant current limiting, recovers automatically after fault condition is removed							
	OVER VOLTAGE	5.75 ~ 6.75V		13.8 ~ 16.2V		17.25 ~ 20.25V		27.6 ~ 32.4V	
		Protection type : Shut off o/p voltage, clamping by zener diode							
ENVIRONMENT	WORKING TEMP.	-20 ~ +60°C (Refer to "Derating Curve")							
	WORKING HUMIDITY	20 ~ 90% RH non-condensing							
	STORAGE TEMP., HUMIDITY	-40 ~ +85°C, 10 ~ 95% RH							
	TEMP. COEFFICIENT	±0.03%/°C (0 ~ 50°C)							
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes; Mounting: Compliance to IEC60068-2-6							
SAFETY & EMC (Note 4)	SAFETY STANDARDS	UL60950-1, TUV EN60950-1 approved, design refer to EN50178							
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC							
	ISOLATION RESISTANCE	I/P-O/P:100M Ohms / 500VDC / 25°C/ 70% RH							
	EMC EMISSION	Compliance to EN55011, 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, EN61204-3, heavy industry level, criteria A							
OTHERS	MTBF	1172.3K hrs min. MIL-HDBK-217F (25°C)							
	DIMENSION	25*93*56mm (W*H*D)							
	PACKING	0.1Kg; 140pcs/15Kg/0.92CUFT							
NOTE	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. Constant current operation region is within 60% ~100% rated output voltage. Protection type for short circuit is hiccup mode and will recover automatically after fault condition is removed.								

Mechanical Specification

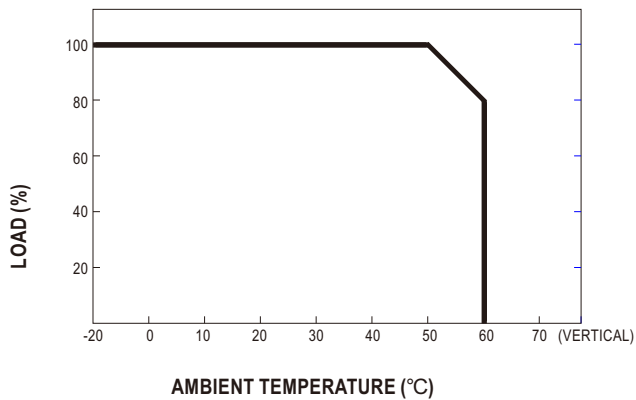
Case No.985A Unit:mm



Block Diagram



Derating Curve



Output Derating VS Input Voltage

