

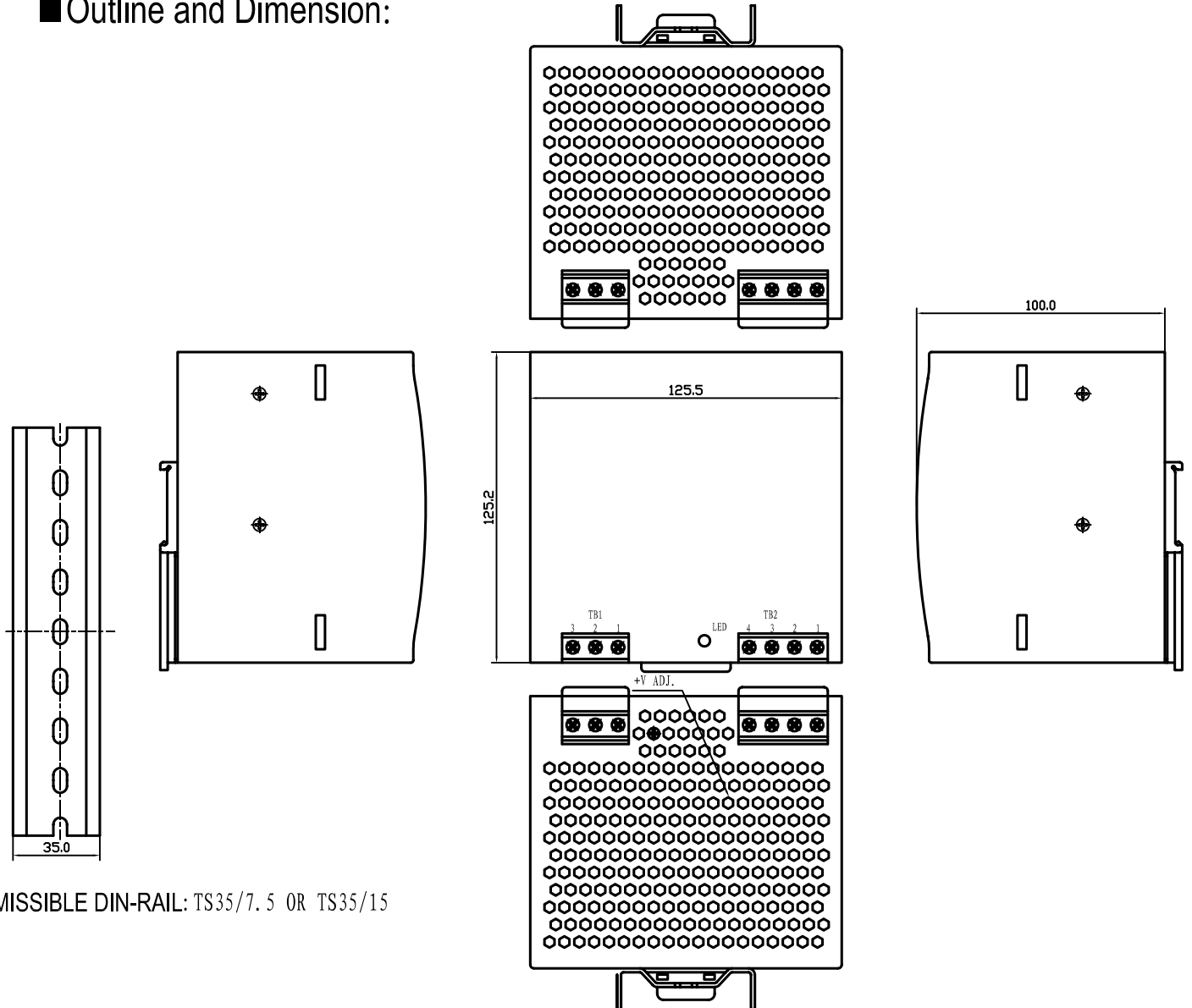
Features:

- Universal AC input/ full range
- Built-in active PFC function
- Protections: Short circuit/ Over load/ Over voltage/ Over temperature
- Cooling by free air convection
- Can be installed on DIN rail TS-3.5/7.5 or 15
- LED indicator for power on
- 100% full load burn-in test
- Fixed switching frequency at 100KHz
- 3 years warranty
- Dimentsions: 125.5*125.2*100mm (W*H*D)



MODEL		HDR-240-24	HDR-240-48
OUTPUT	DC VOLTAGE	24V	48V
	VOLTAGE TOLERANCE	±1%	±1%
	RATED CURRENT	10A	5A
	CURRENT RANGE	0-10A	0-5A
	RATED POWER	240W	240W
	RIPPLE & NOISE	80mVp-p	150mVp-p
	DC ADJUSTMENT RANGE	24-28V	48-53V
	SETUP, RISE	800ms,40ms/230VAC at full load 800ms,40ms/115VAC at full load	
	HOLD TIME	24ms/230VAC 24ms/115VAC at full load	
INPUT	VOLTAGE RANGE	88~264VAC 47~63 Hz; selected by switch 120~370VDC	
	AC CURRENT	2.8A/115 V 1.4A/ 230V	
	EFFICIENCY	84%	85%
PROTECTION	INRUSH CURRENT	Cold start 27A/115V 45A/230V	
	LEAKAGE CURRENT	<3.5mA/240VAC	
	OVER LOAD	105%~150% Protection type: Constant current limiting, recovers automatically after fault condition is removed	
OVER VOLTAGE	30-36V		54-60V
	Protection type: Shut down o/p voltage, re-power on to recover		
OVER TEMP.	100°C±5°C(TSW1)		
	Protection type: Shut down o/p voltage, recovers automatically after temperature goes down		
ENVIRONMENT	WORKING TEMP., HUMIDITY	-10°C~+70°C; 20%~90 %RH	
	STORAGE TEMP., HUMIDITY	-20°C~+85°C; 10%~95 %RH	
	VIBRATION	10~500Hz, 2G 10min./1cycle, period for 60min, each along X, Y, Z axes	
SAFETY	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	
STANDARD	SAFETY STANDARD	Design refer to UL508,UL60950-1, TUV EN60950-1	
	EMC STANDARD	EN55011,EN55022,EN61000-3-2,-3,EN61000-4-2,3,4,5,6,8,11,ENV50204,EN55024,EN61000-6-2(EN50082-2)	
OTHERS	WEIGHT	1.2Kg	
	PACKING	12pcs/15.5Kg/1.2CUFT	
NOTE	<ol style="list-style-type: none"> 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 0.1 μ & 47 μ 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. 		

■ Outline and Dimension:



ADMISSIBLE DIN-RAIL: TS35/7.5 OR TS35/15

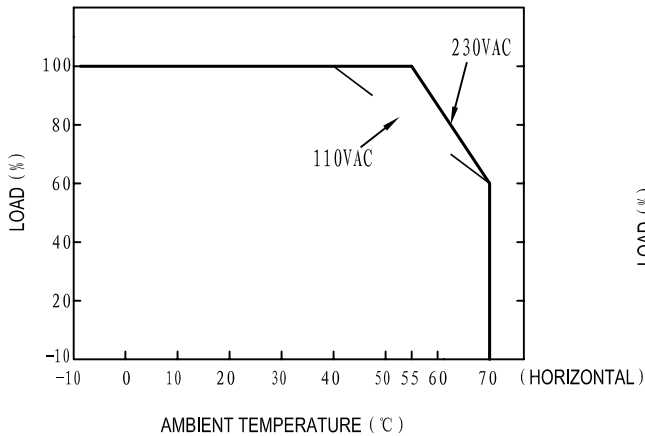
Terminal Pin No. Assignment (TB1):

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

