

**Features:**

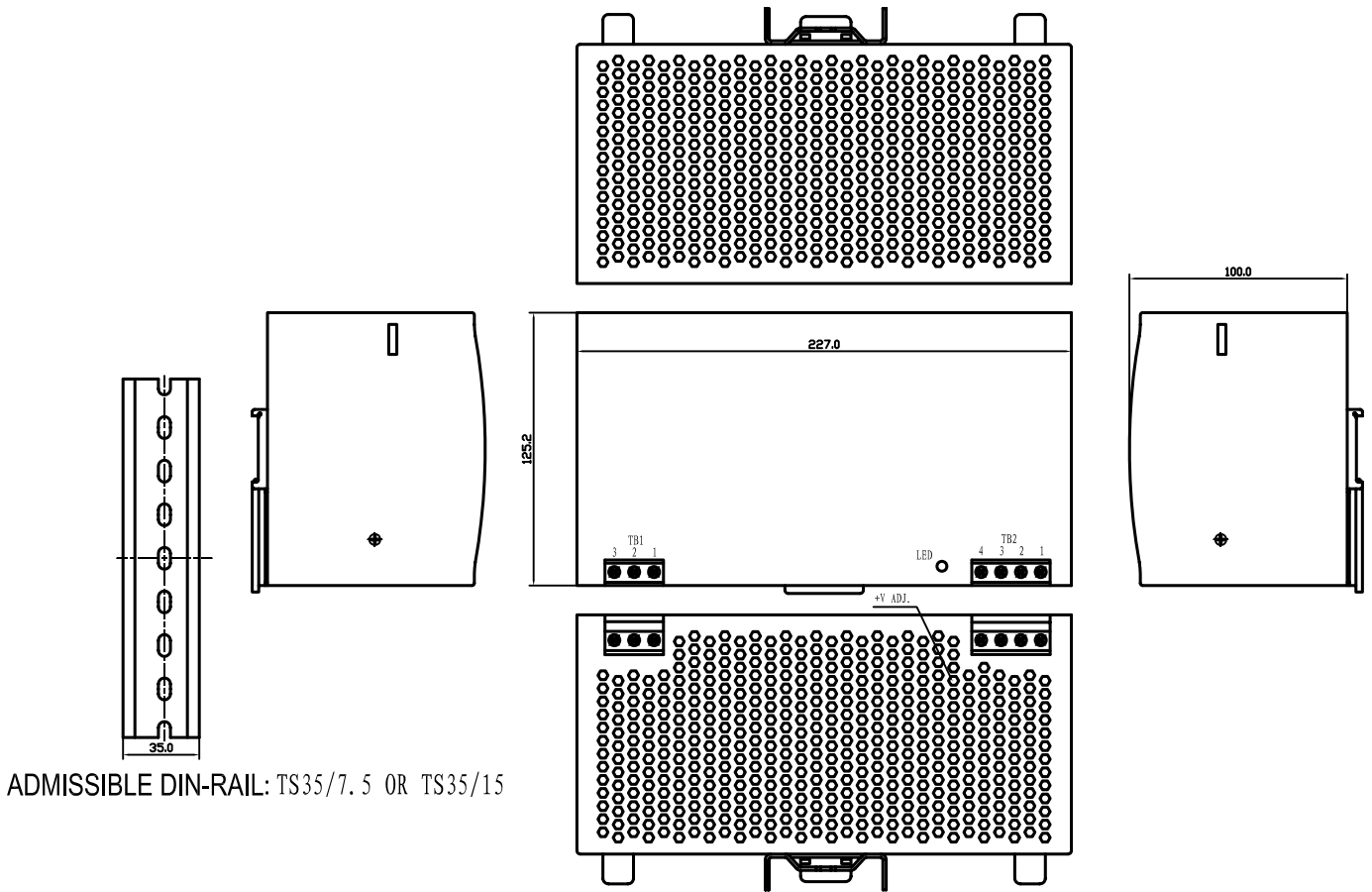
- High efficiency (89%), low dissipation
- Built-in passive PFC function compliance to EN61000-3-
- Protections: Short circuit/ Over load/ Over voltage/ Over temperature
- Cooling by free air convection
- Built-in constant current limiting circuit
- Can be installed on DIN rail TS-35/7.5 or 15
- LED indicator for power on
- 100% full load burn-in test
- EN61000-6-2(EN50082-2) industrial immunity level
- 3 years warranty
- Dimensions: 227\*125.2\*100mm (W\*H\*D)



MODEL		HDR-480-24	HDR-480-48
OUTPUT	DC VOLTAGE	24V	48V
	VOLTAGE TOLERANCE	±1%	±1%
	RATED CURRENT	20A	10A
	CURRENT RANGE	0-20A	0-10A
	RATED POWER	480W	480W
	RIPPLE & NOISE	120mVp-p	120mVp-p
	DC ADJUSTMENT RANGE	24-28V	48-53V
	SETUP, RISE	1200ms,40ms/230VAC at full load	
	HOLD TIME	16ms/230VAC	
INPUT	VOLTAGE RANGE	180~264VAC 47~63 Hz; 250~370VDC	
	AC CURRENT	4A/ 230 V	
	EFFICIENCY	89%	
	INRUSH CURRENT	Cold start 40A/230V	
	LEAKAGE CURRENT	<3.5mA/240VAC	
PROTECTION	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(TSW) Protection type: Shut down o/p voltage, recovers automatically after temperature goes down	
	WORKING TEMP., HUMIDITY	-20°C ~+70°C; 20%~90 %RH	
ENVIRONMENT	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	EN55022,EN61000-3-2,-3,EN61000-4-2,3,4,5,6,8,11,ENV50204,EN55024,EN61000-6-2(EN50082-2)	
OTHERS	WEIGHT	2.4Kg	
	PACKING	6pcs/15Kg/1.75CUFT	

NOTE	<ol style="list-style-type: none"> <li>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.</li> <li>2. Ripple &amp; noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 μ &amp; 47 μ parallel capacitor.</li> <li>3. Tolerance: includes set up tolerance, line regulation and load regulation.</li> <li>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.</li> </ol>
------	--

■ Outline and Dimension:



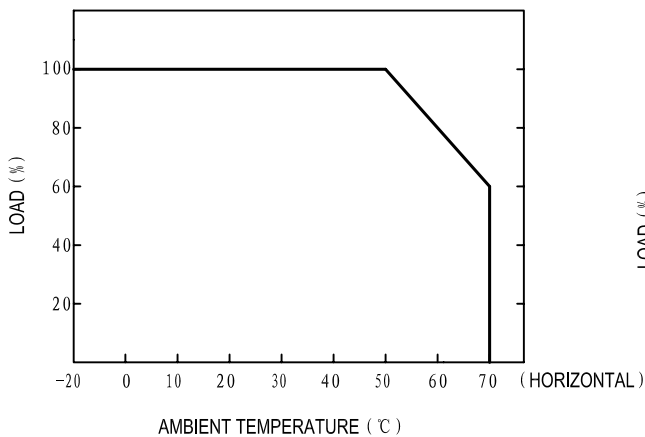
Terminal Pin No. Assignment (TB1) :

Pin No.	Assignment
1	AC/L (DC+)
2	AC/N (DC-)
3	FG

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

