



VICD-120 Single Output Industrial DIN Rail Power Supply

Features:

Universal AC input / full range
 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 switch frequency at 55KHz
 Dimensions: 65.5*125.2*100mm (W*H*D)

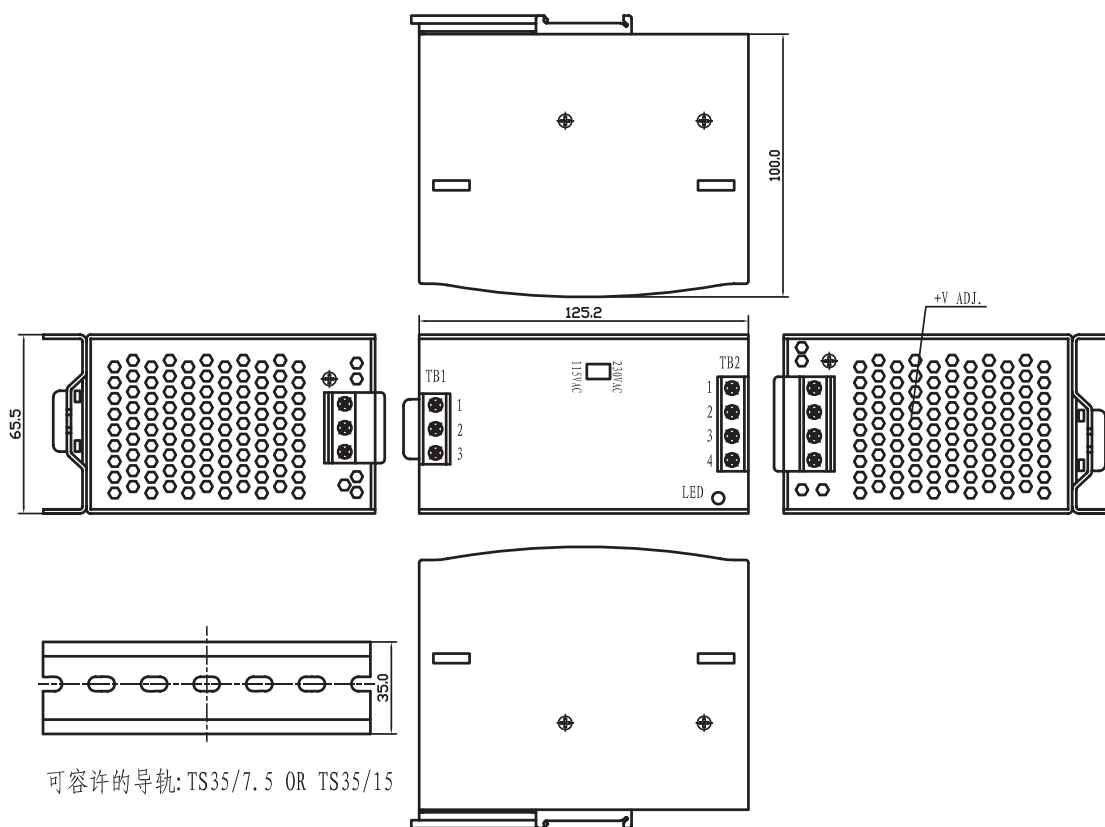


MODEL		13/19540	13/19542	A RICHIESTA
OUTPUT	DC VOLTAGE	12V	24V	48V
	VOLTAGE TOLERANCE	± 2%	± 1%	± 1%
	RATED CURRENT	10A	5A	2.5A
	CURRENT RANGE	0-10A	0-5A	0-2.5A
	RATED POWER	120W	120W	120W
	RIPPLE & NOISE	80mVp-p	80mVp-p	100mVp-p
	DC ADJUSTMENT RANGE	12-14V	24-28V	48-53V
	SETUP, RISE	500ms,70ms/230VAC at full load 500ms,70ms/115VAC at full load		
	HOLD TIME	36ms/230VAC 32ms/115VAC at full load		
INPUT	VOLTAGE RANGE	88÷ 132 VAC/176~264VAC 47÷ 63 Hz; selected by 248÷ 370VDC		
	AC CURRENT	2.6 A/115 V 1.6A/ 230 V		
	EFFICIENCY	80%	84%	85%
	INRUSH CURRENT	Cold start 20A/115V 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	120%÷135%		
		Protection type: Shut down o/p voltage, re-power on to recover		
	OVER TEMP.	85°C± 5°Q(TSW1)	90°C± 5°Q(TSW1)	90°C± 5°Q(TSW1)
Protection type: Shut down o/p voltage, recovers automatically after temperature goes down				
ENVIRONMENT	WORKING TEMP., HUMIDITY	-10°C÷ +60°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	Design refer to EN55011,EN55022,EN61000-3-2,-3,EN61000-4-2,3,4,5,6,8,11, ENV50204,EN55024, EN61000-6-2(EN50082-2)		
OTHERS	WEIGHT	0.79Kg		
	PACKING	20pcs/16.5Kg/1.1CUFT		
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 0.1µ & 47µ 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.			

120W Single Output Industrial DIN Rail Power Supply

VICD-120 Series

■ Outline and Dimension:



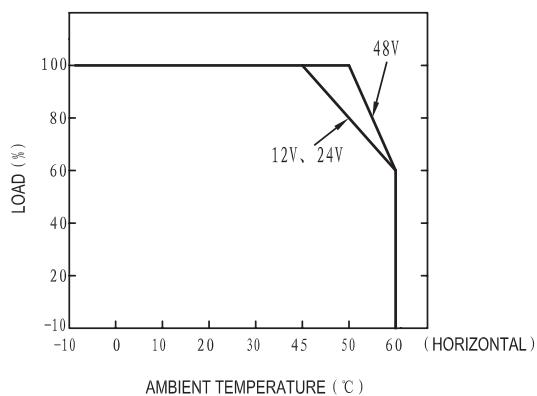
Terminal Pin No. Assignment (TB1):

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



■ Static Characteristics (24V)

