

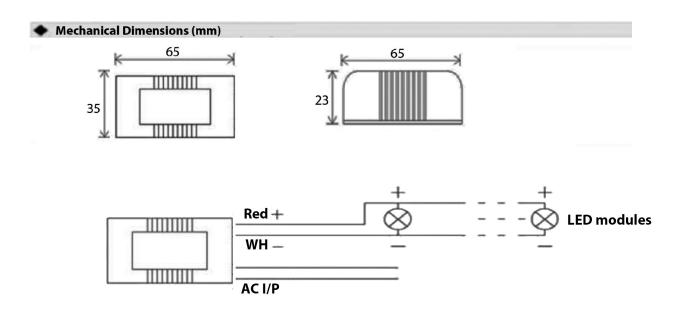
NTPSU12V/24V-10W

Project :	Date :
Cat. No. :	Type :
Notes:	Volts:

Class II power supply constant voltage 10 watts in 12V or 24V

	Model No.	NTPSU12V-10W	NTPSU24V-10W				
Input	Voltage & Frequency Range	100-240	VAC; 50Hz / 60Hz				
	AC Current (Max.)	0.2A at 115	0.2A at 115Vac/ 0.12A at 230Vac				
	Power Factor	> 0.45 at 115Vac/	> 0.45 at 115Vac/ > 0.38 at 230Vac with full load				
	Inrush Current (Max.)	< 27A/ 240VAC	< 19A/ 240VAC				
	Leakage Current	< 1mA/ 240Vac					
Output	DC Voltage Range	12±1V	24±1.2V				
	Constant Current Range	830mA max	410mA max				
	Rated Max. Power	10W	10W				
	Ripple & Noise(Max.) note.2	2.5Vp-p	2Vp-p				
	Efficiency note.1	74%	80%				
Protections	Over Current	110	110% - 120% Constant current limiting, auto-recovery				
	Short Circuit	Hiccup mod	Hiccup mode, recovers automatically after fault condition is removed				
Environment	Working Temp.		- 10°C~40°Cambient operating at full load				
	Working Humidity		20% ~ 90% RH non-condensing				
	Storage Temp.,Humidity		-20 ~ +80°C ,10% ~ 90% RH				
Safety & EMC	Safety Standards		meet EN61347-1,EN61347-2-13 , UL1310				
	EMC Standards note.3	meet EN55015,E	meet EN55015,EN61000-4-2,3,4,5,6,8,11 ,EN61547, FCC PART15 CLASS B				
	Withstand Voltage		VP - O/P: 3.75KVAC				
	Isolation Resistance		VP-O/P:100M ohms / 500VDC at 25°C				
Connection	Input		UL rated, 20AWGx 2C(150mm)				
	Output		UL rated, 20AWGx 2C(150mm)				
Others	MTBF		100K hours min. @Ta=25℃				
	Dimension(L*W*H)		65 * 35 * 23mm				
	Packing(L*W*H)/Carton		320 * 220 * 240mm; 100pcs/ 9.0K				
Note	1. All parameters NOT specially mentioned are measured at 230V AC input, rated load and 25°C ambient temperature.						
	2. Ripple & Noise are measured at 20MHZ bandwidth oscilloscope and with 0.1uf & 47uf parallel capacitor.						





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