

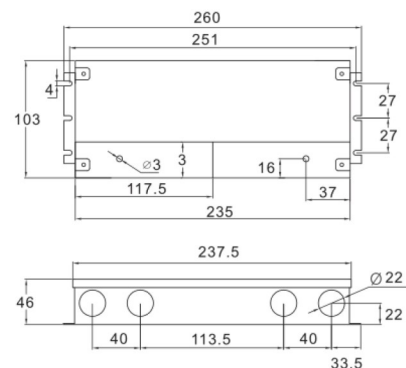
Project :	Date :
Cat. No. :	Type :
Notes :	Volts :

This power supply is a constant voltage full protection aluminium housing for dry, damp location. 5 in 1 dimmable driver with PWM output. Work with leading edge and trailing edge TRIAC, 0-10V, 1-0V, 10VPWM, potentiometers dimmers. Strong compatibility, flicker-free dimming.

Dimming range: 0-100%

Loading range 10% to 100%

This driver should be installed by qualified and professional person.

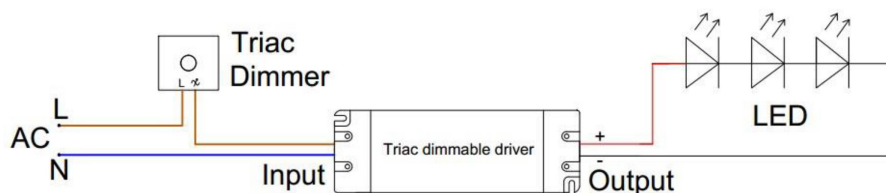


Model		NT-OTM-TD150-JA12	NT-OTM-TD150-JA24
Certificates		FCC ETL	FCC ETL
Output	DC Voltage	12V	24V
	Rated Current	12.5A	6.25A
	Rated Power	150W	
	Voltage Tolerance	±0.5V	
	Voltage Regulation	±0.5%	
	Load Regulation	±2%	±1%
Input	Voltage Range	110-277VAC	
	Frequency Range	47-63HZ	
	Power Factor (Typ.) @ full load	0.98@120VAC 0.95@277VAC	0.99@120VAC 0.94@277VAC
	THD (Typ.) @ full load	<20%	
	Efficiency (Typ.) @ full load	85%	85%
	AC Current (Max.)	1.8A@110VAC	
	Inrush Current (Typ.)	15A, 50%, 1.4ms	
Protection	Leakage current	<0.50mA	
	Short Circuit	shut down o/p voltage, re-power on to recover after fault condition is removed	
	Over Loading	≤120% constant current limiting, auto-recovery	
Environment	Over temperature	100°C±10°C shut down o/p voltage, automatically recover after cooling.	
	Working TEMP.	-40~+60°C (see below derating curve)	
	Working Humidity	20~90% RH, non-condensing	
	Storage TEMP. Humidity	-40~+80°C, 10~95%RH	
	TEMP. coefficient	±0.03%/°C (0~50°C)	
	Vibration	10~500Hz, 5G 10min./1 cycle, period for 60min. each along X,Y,Z axes	
Safety standards		ETL	
Safety& EMC	Withstand voltage	I/P-O/P:3.75KVAC	
	Isolation resistance	I/P-O/P:100MΩ/500VDC/25°C/70%RH	
	EMC EMISSION	FCC Part 15 B	
others	Net. Weight	1.8Kg	
	Size	260*103*46mm (L*W*H)	
	packing	10PCS/CTN	
Notes		<p>1. All parameters if NOT specially mentioned are measured at 120VAC input , rated load and 25°C of ambient temperature.</p> <p>2. To extend the driver's using life ,please reduce the loading at lower input voltage.</p>	

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Single TRIAC driver connecting diagram

■ Single TRIAC Driver Connecting Diagram



0/1-10Vdc - potentiometer - 10V PWM signal

