# **LED**CONNX<sup>®</sup>

## NT-OTM-TD150-JA12/24V Power supply 5 IN 1 DIMMABLE 12/24V

Intertek 5010819

Project :		

Date :

Cat. No. :

Notes :

#### Type : 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 traling 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%	
	Voltage Range	110-277VAC		
Input	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%	<u> </u>	
	Efficiency (Typ.) @ full load	85%	85%	
	AC Current (Max.)	1.8A@110VAC		
	Inrush Current (Typ.)	15A, 50%, 1.4ms		
	Leakage current	<0.50mA		
Protection	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		
	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		
Environment	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-0/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	<ol> <li>All parameters if NOT specially mentioned are measured at 120VAC input, rated load and 25°Cof ambient temperature.</li> <li>To extend the driver's using life please reduce the loading at lower input voltage.</li> </ol>			



251 ЩÞ 0 4 103 Ø3 6 16 117.5 37 235 237.5 Ø22 46 22 40 113.5 40 33.5

260

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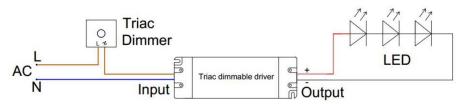
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## NT-OTM-TD150-JA12V/24V Power supply 5 IN 1 DIMMABLE 24V

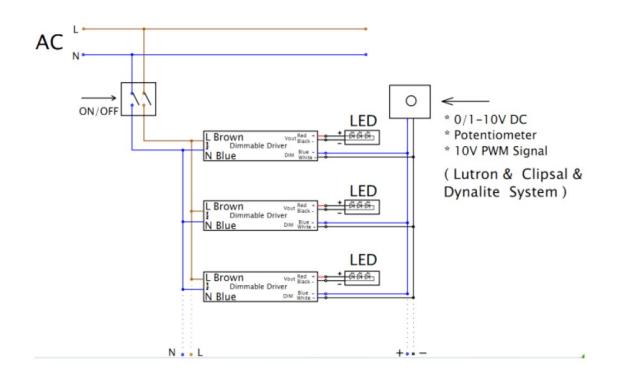
Project :	Date :
Cat. No. :	Туре :
Notes :	Volts :

### Single TRIAC driver connecting diagram

Single TRIAC Driver Connecting Diagram



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



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