NT-OTM-VPA100-J12-F

Triac ELV/MLV/0-10V/PWM

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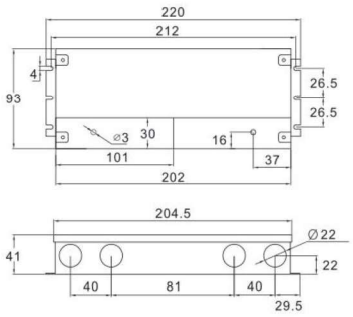
Project :	Date :
Cat. No. :	Type :
Notes :	Volts :

- Universal input, 110-277Vac
- Build in active PFC, typical power factor>0.95, THD<20%@120V Max. load
- High efficiency : up to 80%
- Load: 0.1-100%
- Short-circuit, over-temperature, over-load protection
- Full protection metal case, for dry, damp, wet location
- Flicker-free
- Suitable for LED lighting and moving sign applications
- Dim-all: Triac/0-10V/1-10V/10V PWM/Potentiometer
- Switch to PWM or Voltage Reduce output

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■Specification

Model		OTM-TD100-JA12
Certificates		FCC ETL
Output	DC Voltage	12V
	Rated Current	8.33A
	Rated Power	100W
	Voltage Tolerance	±0.5V
	Voltage Regulation	±0.5%
	Load Regulation	±1%
Input	Voltage Range	100-277VAC
	Frequency Range	47-63HZ
	Power Factor（Typ.）@ full load	0.99@120VAC 0.96@277VAC
	THD（Typ.）@ full load	<20%
	Efficiency（Typ.）@ full load	80%
	AC Current（Max.）	1.5A@100VAC
	Inrush Current （Typ.）	20A, 50%, 1.6ms
	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℃±10℃ shut down o/p voltage, automatically recover after cooling.
Environment	Working TEMP.	-40～+60℃ (see below derating curve)
	Working Humidity	20～90%RH, non-condensing
	Storage TEMP. Humidity	-40～+80℃，10～95%RH
	TEMP. coefficient	±0.03%/℃（0～50℃）
	Vibration	10～500Hz, 5G 10min./1 cycle,period for 60min. each along X,Y,Z axes
Safety& EMC	Safety standards	ETL
	Withstand voltage	I/P-O/P:3.75KVAC

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This specification is valid as of 2022-10 and is subject to change without notice. Please confirm with the manufacturer before placing an order.
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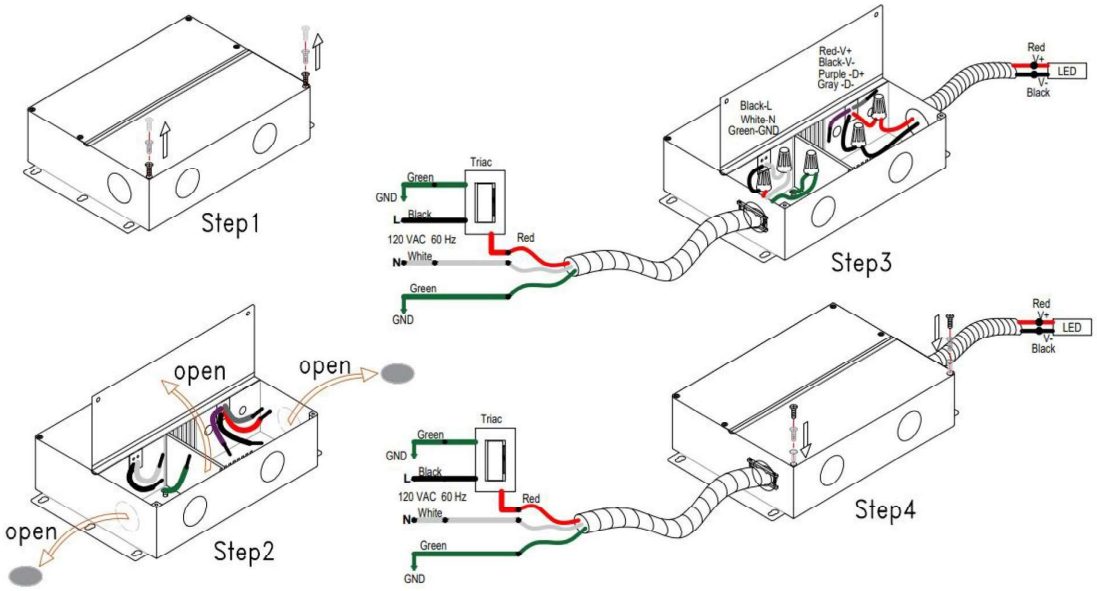
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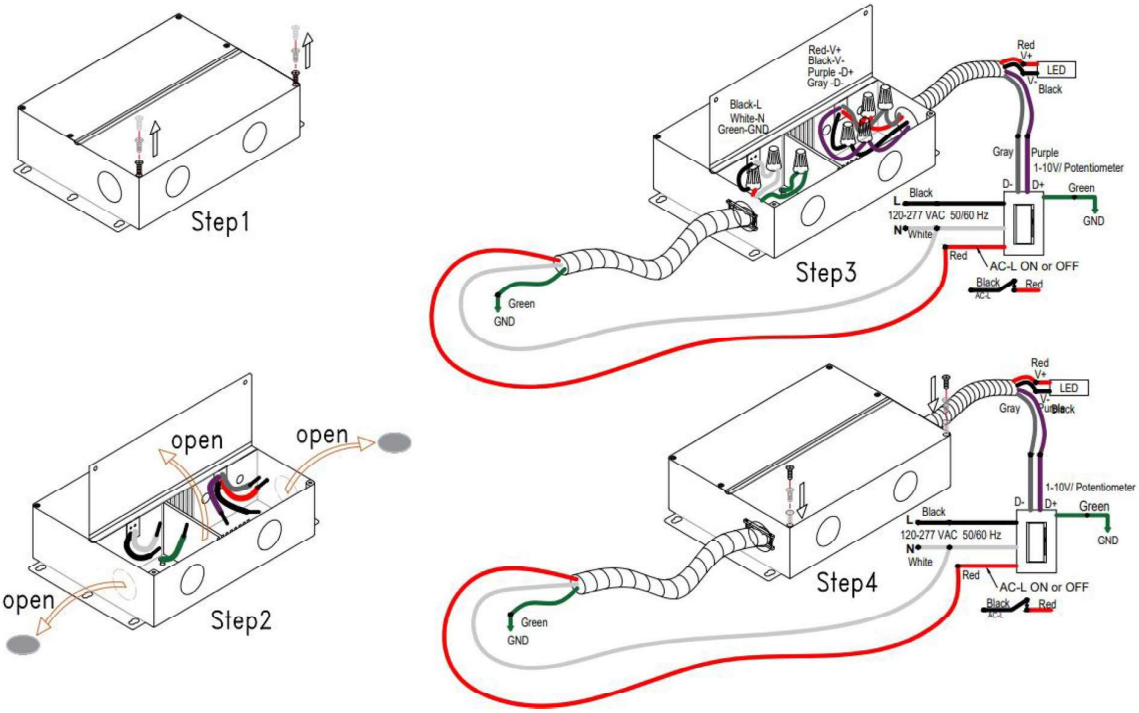
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Project :	Date :
Cat. No. :	Type :
Notes :	Volts :

MLV OR TRIAC ELV WIRING DIAGRAM AND FOR PWM SWITCH ON



0-10V WIRING DIAGRAM AND FOR PWM SWITCH ON



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