NT-OTM-VPA30/60-J12/24V-F

Triac ELV/MLV/0-10V/PWM

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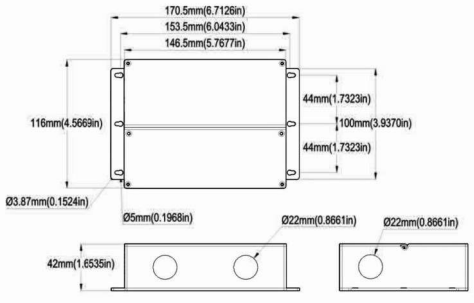
Project :	Date :
Cat. No. :	Type :
Notes :	Volts :

- 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

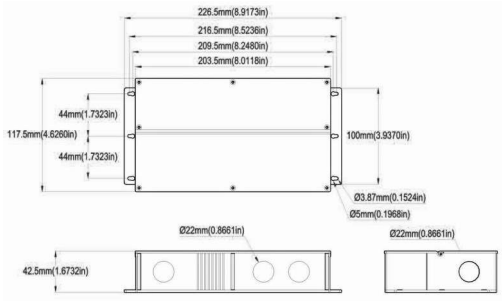
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Model		NT-OTM-VPA30-J12-F	NT-OTM-VPA30-J24-F	NT-OTM-VPA60-J12-F	NT-OTM-VPA60-J24-F
Output	DC Voltage	12V	24V	12V	24V
	Rated Current	2.5A	1.25A	5A	2.5A
	Rated Power	30W	30W	60W	60W
	Voltage Tolerance	±0.5V			
	Voltage Regulation	±0.5%			
	Load Regulation	±1%			
Input	Voltage Range	110-277VAC			
	Frequency Range	47-63Hz			
	Power Factor（Typ.） @ full load	0.99@120VAC 0.95@277VAC			
	THD（Typ.）@ full load	<20% @120VAC &277VAC			
	Efficiency（Typ.）@ full load	12V/24V 79% @120Vac 80%@277Vac 36V/48V 80% @120Vac 81%@277Vac			
	AC Current（Max.）	0.5A@110Vac			
	Inrush Current （Typ.）	7A, 50%, 420us @120Vac 12A, 50%, 480us @277Vac			
	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% shut down o/p voltage, re-power on to recover after fault condition is removed			
	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	UL8750+UL1310			
	Withstand voltage	I/P-O/P:1.88KVAC			
	Isolation resistance	I/P-O/P:100MΩ/500VDC/25℃/70%RH			
	EMC EMISSION	FCC Part 15 B			
others	Net. Weight	0.7Kg		1.1Kg	
	Size	170.5*116*42mm (L*W*H)		226.5*117.5*42.5mm (L*W*H)	



NT-OTM-TD30-JA12/24



NT-OTM-TD60-JA12/24

Natech Industrie
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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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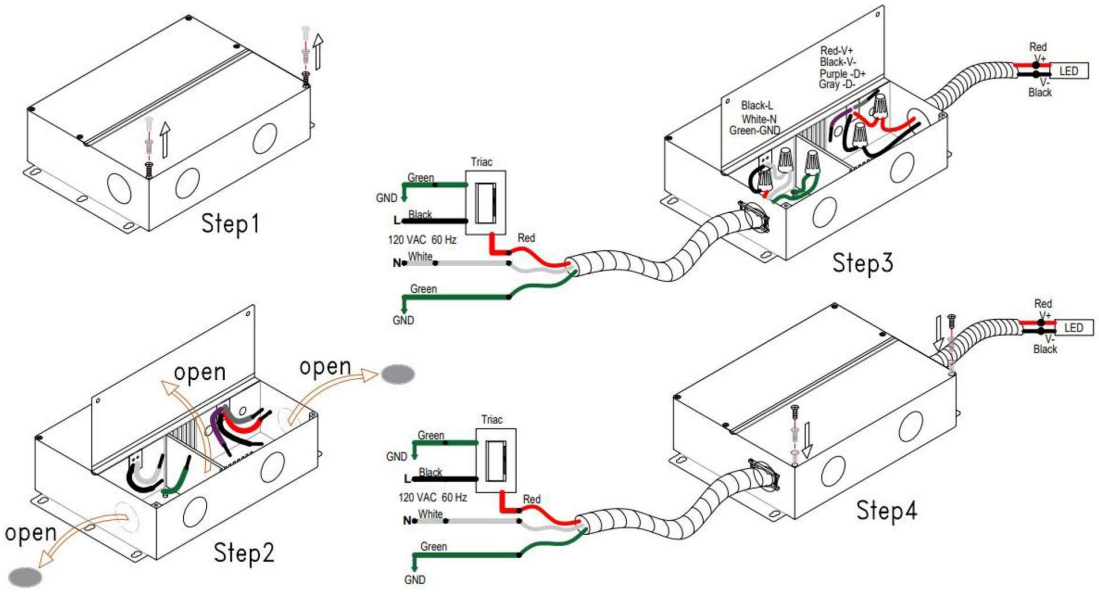
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Triac ELV/MLV/0-10V/PWM

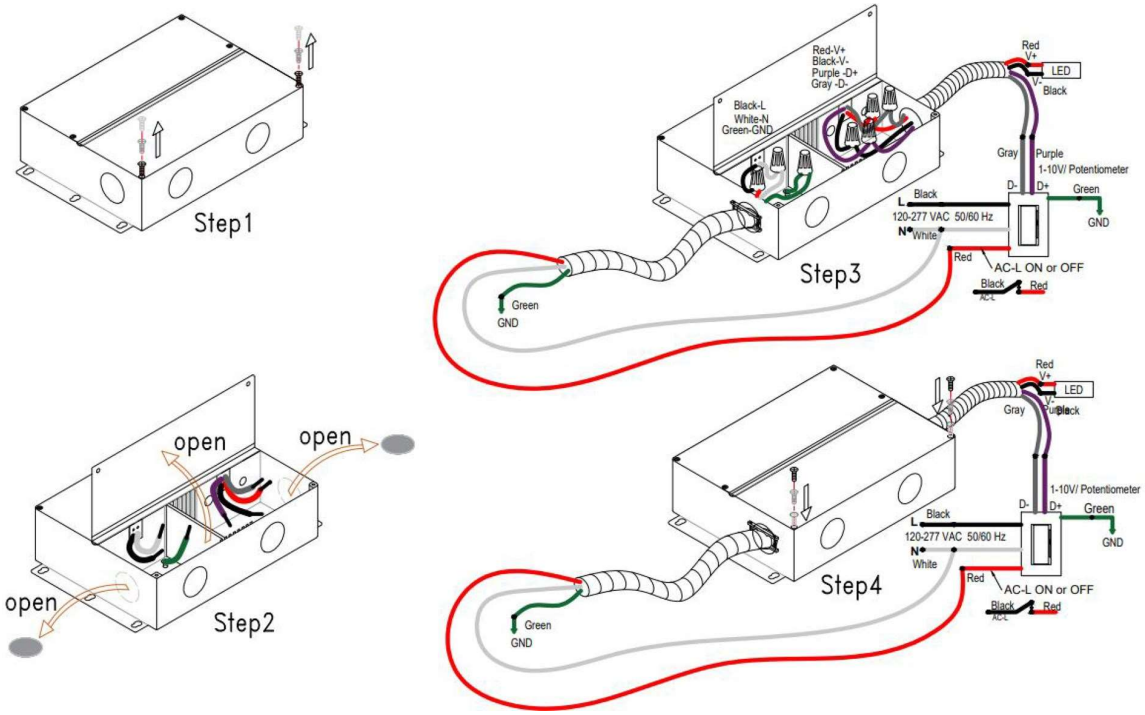
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Project :	Date :
Cat. No. :	Type :
Notes :	Volts :

MLV OR TRIAC ELV WIRING DIAGRAM AND FOR PWM SWITCH ON



0-10V WIRING DIAGRAM AND FOR PWM SWITCH ON



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