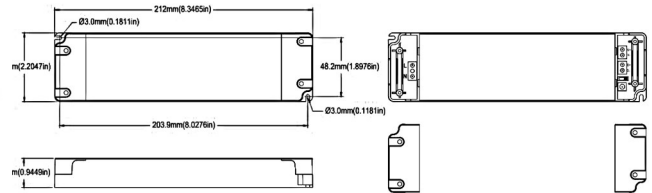


Project :	Date :
Cat. No. :	Type :
Notes :	Volts :

- Output constant voltage
- 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
- Plastic enclosures can be used indoors or for dry, damp location
- Flicker-free
- Suitable for LED lighting and moving sign applications
- Dim-all: Triac/0-10V/1-10V/10V PWM/Potentiometer
- Triac dim mode: Forward phase & reverse phase, MLV, ELV dim



NT-OTM-VPA60-E12 ET E24 / NT-OTM-VPA100-E12

Model		NT-OTM-VPA60-E12	NT-OTM-VPA60-E24	NT-OTM-VPA100-12
Output	DC Voltage	12V	24V	12V
	Rated Current	5A	2.5A	8.3A
	Rated Power	60W	60W	100W
	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	0.98@120VAC		
	THD (Typ.) @ full load	<20% @120VAC & 277VAC		
	Efficiency (Typ.) @ full load	12V/24V 85% @120VAC		
	AC Current (Max.)	0.9A@110Vac		1.3A@110Vac
	Inrush Current (Typ.)	14A, 50%, 780us @120Vac		20A, 50%, 1.6ms @120VAC;
	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°C±10°C shut down o/p voltage, automatically recover after cooling.		
Environment	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& EMC	Safety standards	UL8750+UL1310		
	Withstand voltage	I/P-O/P:1.88KVAC		
	Isolation resistance	I/P-O/P:100MΩ/500VDC/25°C/70%RH		
	EMC EMISSION	FCC Part 15 B		
others	Net. Weight	0.4Kg		
	Size	212*56*24mm (L*W*H)		

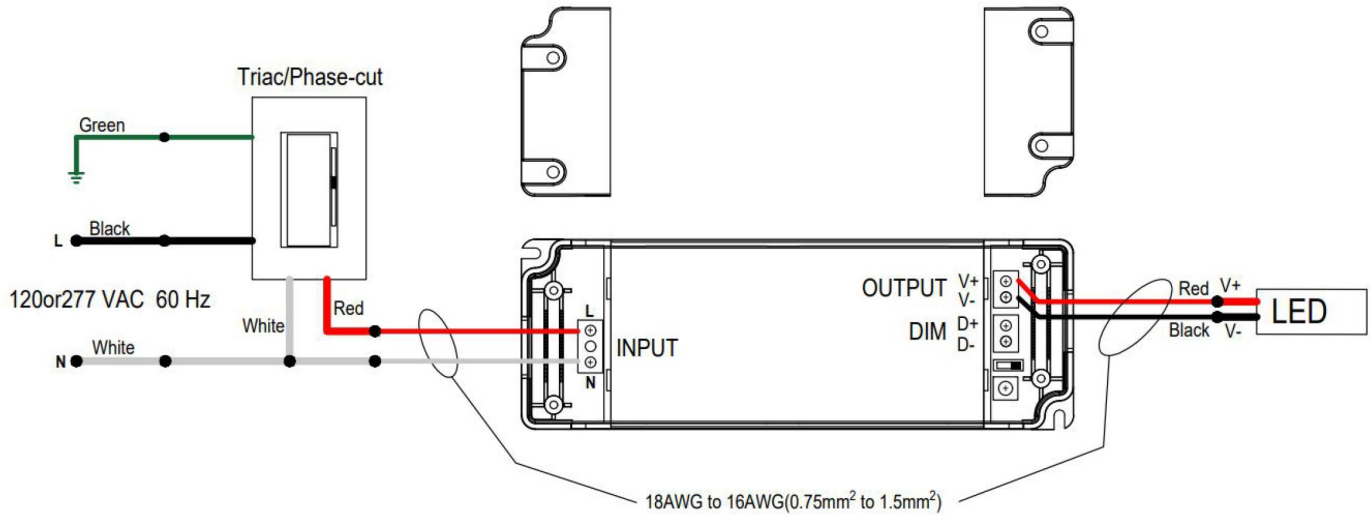
Natech Industrie

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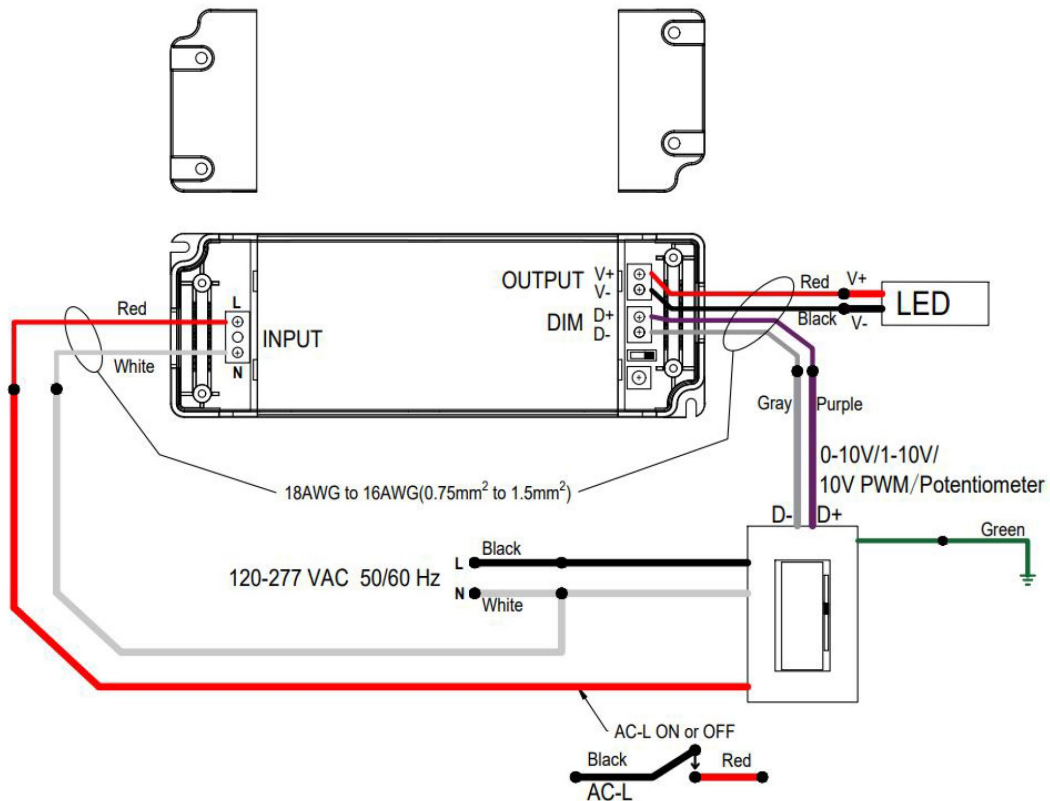
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Project :	Date :
Cat. No. :	Type :
Notes :	Volts :

TRIAC MLV



0-10V



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