ETF-TD Series 96W

Whole Family: ETF24096TD [60W 96W]

c UL us LISTED E495946 Class P Class 2 TYPE HL SELV RoHS

Features

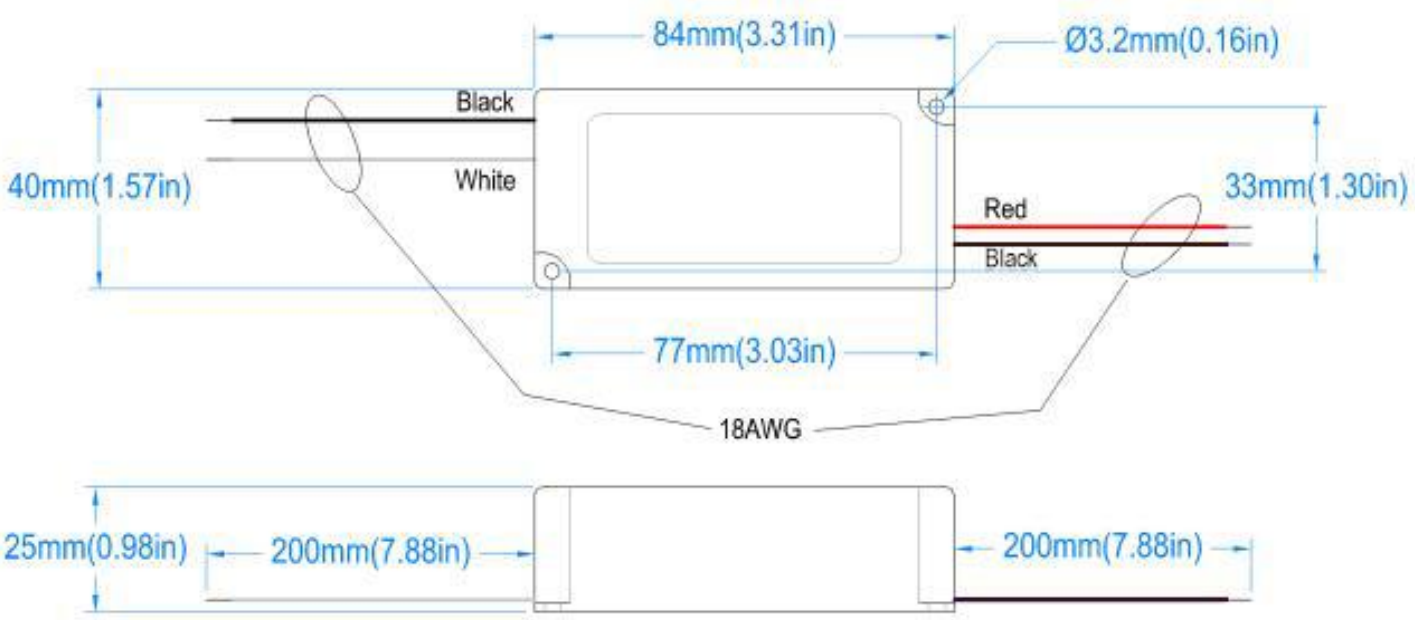
Dimming function:	Electronic Transformer Triac/ ELV/ MLV dimming
Dimming range:	0-100%
Waterproof performance:	For dry and damp locations
Input:	120VAC
THD:	THD<20%@120V Max. load
Output type:	Constant voltage
Small size:	84x40x25 mm / 3.31x1.57x0.98 inch (L*W*H)
Loading:	Ultra-low load requirements: Operates flawlessly at 20%-100% load.
Protections:	Short circuit / over load
Compatibility:	Compatible with popular dimmers in the market, Lutron-CL, Diva series and so on.
Application:	• LED strip/ LED tape/ LED module • Residential Lighting • Commercial Lighting
Warranty:	2 years warranty

Triac ELV MLV Transformer -Constant Voltage Output- ETF TD Series 96W

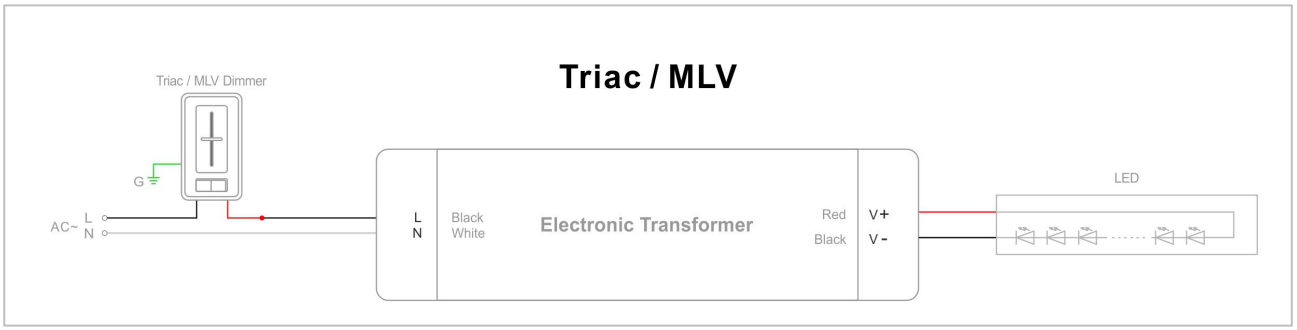
Specification

Model		ETF24096TD
Certificate		UL / cUL / Class P / Class 2 / TYPE HL / ROHS / SELV
Output	DC Voltage	24V
	Voltage Tolerance	±1.5V
	Rated current	4A
	Rated power	96W
Input	Voltage Range	120V
	Frequency Range	47-63Hz
	Power Factor(typ.)	0.94@120VAC
	Total Harmonic Distortion	THD< 20%(@100% load)
	Efficiency(Typ.)	88%@120VAC
	AC Current(Typ.)	0.93A
	Leakage Current	<0.5mA/ 120VAC
Protection	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed.
	Over Load	Hiccup mode, recovers automatically after fault condition is removed.
Environment	Working Temp.	Tc =-40 ~ +60 (see below derating curve)
	Working humidity	20 ~ 95% RH non-condensing
	Storage temp., Humidity	-40 ~ +90, 10 ~ 95% RH
	Temp .coefficient	±0.03%/℃（0～50℃）
	Vibration	10 ~ 500Hz, 2G 12 minutes/cycle, X Y Z axis 72 minutes each
Safety & EMC	Safety standards	UL8750, Class 2
	Withstand voltage	I/P-O/P:1.88KVAC
Others	Weight	0.17kg
	Dimension	See Mechanical Specification
	Packing	28*21.5*19.5 cm (50PCS/CTN)

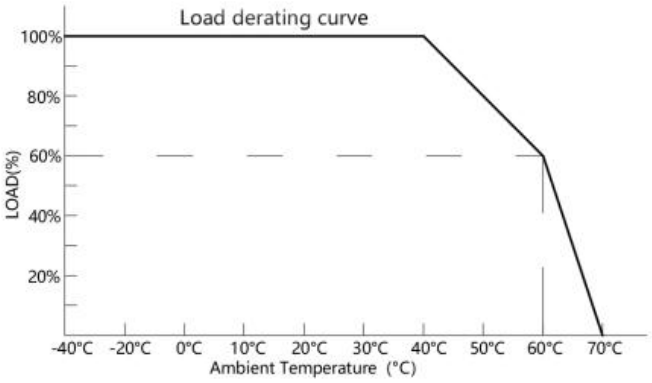
Mechanical Specification



Connecting Diagram



Derating Curve (Load vs Ambient Temperature)



To extend their life, please refer to the Derating Curve and derate according to the temperature.

Warm tip :

All Electronic Transformer meet the harmonic emissions requirements of ANSI C82.77-10.

Instruction

1. This driver should be installed by qualified and professional person.
2. Please make sure the driver is installed with adequate ventilation around it to allow for heat dissipation.
3. Ensure that wiring is correct before test in order to avoid light and power supply damage.
4. If driver Cannot work normally, don't maintain privately.