

SPECIFICATION SHEET

LinearLED

TYPE:

PROJECT:

QTY:

SMT-024-096VTDHV2, 5in1

5 in 1 output with 0-10v compatibility, smart Triac dimming 24v, 96w LED driver



UL
LISTED
E507826

CE

RoHS
COMPLIANT

Features

- Flicker free PWM output, constant voltage
- 5-way input: DC 0-10v, triac forward or reverse phase, resistor or PWM signal dimmers
- Input voltage range 100-277vac
- Integrated isolated HV and LV junction boxes with multiple knock-outs
- Protection against short circuit, overloading, and over temperature
- Suitable for dry, damp, and wet location
- Built-in PFC function, PF>0.98
- Efficiency>87% / load: 0~100%
- 7-year warranty
- Class 2

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Specifications

Output	DC Voltage	24V
	Voltage Accuracy	±0.5V
	Rated current	4.0A (class 2 type)
	Rated power	96W
Input	Voltage Range	100~277V AC
	Frequency Range	47~63HZ
	Power Factor (Typ.)	PF≥0.98/110V, PF≥0.95/277V
	Full Load Efficiency (Typ.)	>85%
	AC Current (Typ.)	1.3A @110VAC
	Leakage current	<0.5mA
Protection	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed.
	Over voltage	≤140VAC (90~135V), ≤270VAC (170~265V)
Environment	Working TEMP.	-40~+60°C
	Working Humidity	20~90%RH, non-condensing
	Storage TEM. Humidity	-40~+80°C, 10~95%RH
	TEMP. coefficient	±0.03%/°C (0~50°C)
	Vibration	10~500Hz, 2G 10min./1 cycle, period for 60min. each along X, Y, Z axes
Safety & EMC	Safety standards	UL8750+UL1310
	Withstand voltage	I/P-O/P:3.75KVAC
	Isolation resistance	I/P-O/P:100MΩ/500VDC/25°C/70%RH
	EMC EMISSION	FCC Part 15 B
Others	Weight	1.3Kg
	Size	222*94*40mm (L*W*H)
Notes	1. All parameters NOT specially mentioned are measured at 120VAC & 277vac input, rated load and 25°C of ambient temperature. 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. 3. Tolerance: includes set up tolerance, line regulation and load regulation.	