TYPE:	PROJECT:	QTY:

SD96-24

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



Features

- **Electrical Connection:** The power supply comes with wires for direct connection to the high-voltage power source. A standard plug can be added upon request.
- 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 (IP65)
- Built-in PFC function, PF>0.98
- Efficiency>87% / load: 0~100%
- 5-year warranty
- Class 2

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TYPE:	PROJECT:	QTY:

Specifications

Output	DC Voltage	24VDC
	Voltage Accuracy	±5%
	Rated current	1.25Amp
	Rated power	96W
	Voltage Regulation	±0.5%
	Load Regulation	±1%
Input	Voltage Range	100-277 VAC
	Frequency Range	47~63HZ
	Power Factor (Typ.)	PF≥0.99/110V | PF≥0.97/277V
	Full Load Efficiency (Typ.)	>84%
	AC Current (Typ.)	0.5A
	Leakage current	<0.27mA/110VAC; <0.25mA/277VAC
Protection	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed.
	Over Loading	≤120% shut down o/p voltage, re-power on to recover
	Over temperature	100℃±10℃ shut down o/p voltage, automatically recover after cooling.
Environment	Working TEMP.	-40~+60℃
	Working Humidity	20~90%RH, non-condensing
	Storage TEM. Humidity	-40~+80℃,10~95%RH
	TEMP. coefficient	±0.03%/℃ (0~50℃)
	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℃/70%RH
	EMC EMISSION	FCC Part 15 B
	EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,11, Alight industry level
Others	Weight	0.3266 Kg
	Size	333.375*31.75*25.4 mm (L*W*H)
Notes	1. All parameters NOT specially mentioned are measured at 110VAC, 277VAC input, Rated load and 25℃of ambient temperature. 2. Tolerance: includes set us tolerance, line regulation and load regulation.	

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