TYPE:	PROJECT:	QTY:

TDS192-24

5 in 1 output with 0-10v compatibility, with multiple 96w outlets, smart triac dimming 24v, 192w total capacity LED driver with built in junction box



c UL us LISTED E507826

CE

RoHS COMPLIANT

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
- Class 2: 2 x independent 96-watt outputs[1]
- 5-way input: DC0-10v, 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

[1] Do not exceed 96 watts on any individual output. Wiring runs must be considered when prewiring.

DUE TO CONTINUOUS IMPROVEMENTS, THIS INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE

TYPE:	PROJECT:	QTY:

Specifications

Output	DC Voltage	24V
	Voltage Tolerance	±0.5V
	Voltage Regulation	±0.5%
	Voltage Tolerance	±0.5V
	Load Regulation	±1%
	Rated current	2*4A
	Rated power	192W (2*96W)
Input	Voltage Range	100-277VAC
	Frequency Range	47~63HZ
	Power Factor (Typ.) @full load	0.99@120VAC | 0.94@277VAC
	THD (Typ.) @full load	<20%
	Inrush Current (Typ.)	15A, 50%, 1.4ms
	Full Load Efficiency (Typ.)	87%@120VAC, 89%@277VAC
	AC Current (Typ.)	2.3A
	Inrush Current (Typ.)	19A (twidth=1.3ms) @120VAC; 38A (twidth=960us) @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% constant current limiting, auto-recovery
	Over temperature	100℃±10℃ shut down o/p voltage, automatically recover after cooling.
	Over Current	≤1.4*I out
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: 1.88KVAC
	Isolation resistance	I/P-O/P:100MΩ/500VDC/25℃/70%RH
	EMC EMISSION	FCC Part 15 B
Others	Weight	2.3Kg
	Size	280*125*45mm
Notes	1. All parameters NOT specially mentioned are measured at 110V & 277VAC input, rated load and 25℃of ambient temperature. 2.Tolerance: includes set us tolerance, line regulation and load regulation.	

DUE TO CONTINUOUS IMPROVEMENTS, THIS INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE