

ELED-300-T Series

300 Watt Triac Dimmable Driver



Features

- Triac dimming
- Output constant voltage
- AC input 180 – 250VAC
- High efficiency up to 90%
- Protections: Short circuit/over loading/over current
- Cooling by free air convection

CE   IP66 SELV

Model		ELED-300-12T	ELED-300-24T
Output	DC Voltage	12V	24V
	Voltage Tolerance	±0.5V	
	Rated Current	25A	12.5A
	Rated Power	300W	
Input	Voltage Range	180 – 240 VAC	
	Frequency Range	47 – 63HZ	
	Power Factor (Typ.)	PF≥0.98/230V	
	Full Load Efficiency (Typ.)	89%	90%
	Leakage Current	< 0.70mA/230VAC	
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	EN61347-1 EN61347-2-13	
	Withstand Voltage	I/P-O/P:3.75KVAC I/P-FG: 1.88KVAC O/P-FG:0.5KVAC	
	Isolation Resistance	I/P-O/P I/P-FG O/P-FG: 100M Ohms/500VDC/25°C/70%RH	
	EMC EMISSION	Compliance to EN55015, EN61000-3-2 (≥60%load)	
	EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,11, EN61547, light industry level(surge 4KV) Criteria A	
Others	Weight	1.7Kg	
	Size	276*78*47mm (L*W*H)	
	Packing	330*295*210mm	

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Dimensions

