

LED Drivers Constant Current

LT-TD series Triac Dimmable Constant Current LED Drivers



Features

- Class 2 Power supply Constant Current dimmable
- Triac leading / trailing edge dimming
- 99% compatibility with dimmer module brands
- High stability at low currents preventing flicker
- No LED colour shift
- Improved LED lifetimes
- Short circuit / Over Temp / Overload protection
- Compliant with international approvals.

To support our extensive range of LED products we offer a comprehensive range of Mains Dimmable Triac LED drivers designed specifically for lighting applications. The LT-TD constant current series facilitate flexible connection via covered screw terminals

Specifications

Part No	Output	Dimming	AC Input Voltage	PFC	Eff	Output Voltage	Output Current	Output Power
TD-10-100-400-E1P1	PWM	0%-100% Dimming Depth:Max 0.1%	200-240V	>0.5	>82%	10-42V	100-400mA	1-10W
TD-10-350-700-E1P1				>0.5	>82%	3-24V	350-700mA	1.05-10W
TD-15-100-400-E1P1				>0.5	>85%	3-54V	100-400mA	0.3-15W
TD-36-200-1200-E1P1				>0.5	>85%	10-54V	200-1200mA	2W -36W
TD-15-150-700-EFP1				>0.9	>80%	10-42V	150-700mA	1.5-15W
TD-20-200-700-EFP1				>0.9	>82%	10-42V	200-700mA	2-25W
TD-25-200-900-EFP1				>0.9	>82%	10-42V	200-900mA	2-25W
TD-30-300-900-EFP1				>0.9	>85%	10-42V	300-900mA	3-25W
TD-36-200-1200-EFP1				>0.9	>85%	10-54V	200-1200mA	2W -36W
TD-50-500-1750-E1P1				>0.5	>85%	10-54V	500-1750mA	5-50W

Safety & EMC

Withstand Voltage: I/P-O/P: 3750Vac I/P-GND: 1800Vac

Isolation Resistance: I/P-O/P: 100MΩ/500VDC/25°C/70%RH

Safety Standards: IEC/EN61347-1, IEC/EN61347-2-13

EMC Emission: EN55015, EN61000-3-2 Class C, IEC61000-3-3

EMC Immunity: EN61000-4-2,3,4,5,6,8,11, EN61547

Notes:

This data is for selection reference only. Please check the full data sheet for the latest specifications
Specifications may be subject to change without notice