

LED Drivers Constant Voltage



Mains input Triac Dimmable Constant Voltage LED Drivers

Features

- Class 2 Power supply Constant Voltage dimmable
- Triac leading/trailing edge dimming
- Step-less dimming, no flicker
- Covered Screw terminal connection
- Selectable output current
- Fully encapsulated to IP20
- High efficiency
- Short circuit / Over Temp / Overload protection

To support our extensive range of LED products we offer a comprehensive range of LED drivers designed specifically for lighting applications. The mains input constant current, triac dimmable series facilitate flexible connection via covered screw terminals

Specifications

PART NUMBER	DIMMING INTERFACE	OUTPUT	DIMMING	AC INPUT	EFF	OUTPUT VOLTAGE	OUTPUT CURRENT (A)	POWER RATING
SP10-12VFT	Triac Leading/ Trailing edge *Push DIM.	PWM	Dimming Range: 0-100%	200-240VAC ±10%	>78%	12V	0.85A	1-10W
SP10-24VFT					>81%	24V	0.416A	1-10W
SP25-12VFT					80%	12V	2.08A	6-25W
SP25-24VFT					80%	24V	1.04A	6-25W
SP30-12VFT						12V	2.5A	1-30W
SP30-24VFT						24V	1.25A	1-30W
SP36-12VFT					85%	12V	3.0A	1-36W
SP36-24VFT					85%	24V	1.5A	1-36W
LM36-12G1T2*					85%	12V	3.0A	1-36W
LM36-24-G1T2*					84%	24V	1.5A	1-36W
SP50-12VFT					85%	12V	4.16A	1-50W
SP50-24VFT					85%	24V	2.08A	1-50W
LM60-12-L1T2*					84%	12V	5.0A	1-60W
LM60-24-L1T2*					84%	24V	2.5A	1-60W
SP75-12VLT					85%	12V	6.25A	1-75W
SP75-24VLT					85%	24V	3.12A	1-75W
SP100-12VLT					85%	12V	8.33A	1-100W
SP100-24VLT					85%	24V	4.16A	1-100W
LM-75-12-G1T2*					>87%	12V	6.25A	1-75W
LM-75-24-G1T2*					>88%	24V	3.12A	1-75W
LM150-12-G1T2*					>87%	12V	12.5A	1-150W
LM150-24-G1T2*					90%	24V	6.25A	1-150W
SP150-12VLT					91%	12V	12.5A	1-150W
SP150-24VLT					91%	24V	6.25A	1-150W

Compliance

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|---------------------|-------------------------|
| • Magnetic Emission | EN55015 |
| • Harmonic | EN61000-3-2 |
| • Immunity | EN61547 |
| • Safety | EN61347-1, EN61347-2-13 |
| • SELV | |

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