Constant Voltage LED Power Supply

SLD75-24VLD-E



Product description:

This type of power supply is an exclusively designed stabilized power supply for LED lamp. With constant voltage (CV) technology, it is suitable for constant voltage lamps (24VDC) connected in parallels.

The built-in protection circuit will shut down the power supply in case of such faults as: short circuit, over load or over temperature. The power supply will restart automatically after fault correction.



Standards:

EN61347-1

EN61347-2-13

EN61547

EN55015

EN61000-3-2

EN61000-3-3

EN62384

EN62493

Characteristics:

- Independent power supply for constant voltage LED lamp
- Class II protection against electric shock from direct and indirect contact
- SELV output
- Ripple free all dimming range
- Open circuit, short circuit, over load and over temperature protection
- Auto restart after fault conditions removal
- 5-100% dimming range by DALI or PUSH DIM
- Efficiency: 90.0% (AC230V, full load)

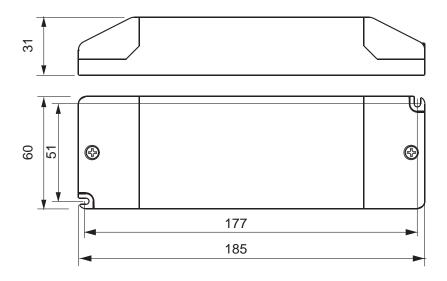


Specifications:

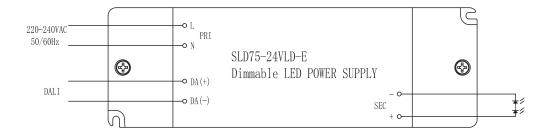
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Output voltage tolerance		output power(W)	75	
Cutiput		output votage(V)	24	
Imput Impu		output voltage tolerance	+/-5%	
dimming interface dimming range rated supply voltage(Vac) rottage range(Vac) rottage range(Vac) linput Input Inpu		ripple voltage(mV)	500(Vp-p)	
Imput Imp		working current range(A)	0.08-3.13A	
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Input In		voltage range(Vac)	198-264	
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Dimensions: mm

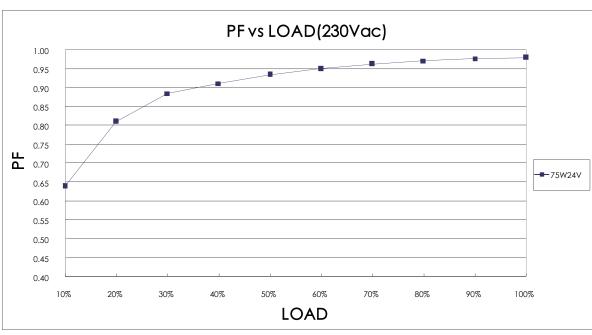


Wiring diagram:





Electrical curves:





note

For constant current power supply,"LOAD" means the percentage of the maximum rated output voltage. For constant voltage power supply,"LOAD" means the percentage of the maximum rated output current.



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^{*}Due to continuous improvements and innovations, specifications are subjected to change without notice.