EUP15T-1HMC-0

TRIAC Constant Current Dimming Driver

Summary

EUP15T-1HMC-0 is a constant current mode output LED driver. The output current can be easily set via the DIP dial switch. The driver supports leading edge (Triac) and trailing edge (ELV) dimmer, and can be compatible with the systems of various brands (Philips, Panasonic, Lutron, Simon, ABB, Siemens etc.) to achieve a smooth dimming effect.

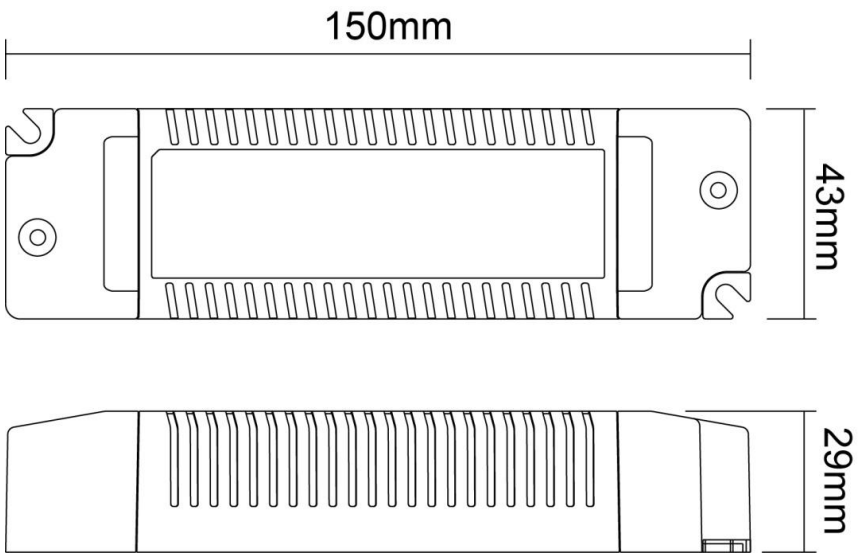
Product Features

- Multi-current driver selected by Dip-switch
- Support Leading edge (Triac) and Trailing edge (ELV) Dimmer.
- Dimming range from 40VAC to 240C.
- Dimming effect smooth, no flicker
- High efficiency up to 80%
- Output short circuit, over current and over voltage protection
- Suitable for indoor LED lighting application

Technical Parameters

Model		EUP15T-1HMC-0		
Output	Current	350mA	500mA	700mA
	Voltage	3-42VDC	3-30VDC	3-21VDC
	Rated power	14.7W	15W	14.7W
	Current Accuracy	±5%		
	Maximum output voltage	45VDC		
	Output LF current ripple(< 120 Hz)	＜3%		
	Channels	1		
Input	Voltage	200VAC – 240VAC		
	Frequency	50/60Hz		
	Power factor	≧0.5 @230VAC,full load		
	Efficiency	80%@230VAC, full load		
	Current	0.2Amax@230VAC		
	Inrush current	15A@230VAC		
Protection	Short Circuit	Close output, recovers after fault condition is removed		
	Over Voltage	Close output, recovers after fault condition is removed		
	Over Current	Hiccup mode, recovers after fault condition is removed		
Function	Dimming	Triac/ELV		
Others	Dimension	150 *43*29 mm（L*W*H）		
	G.W	130g		
	Packing	470*200*220mm（L*W*H）；50Pcs/7.5kg/Carton		
	Working temp.	-20℃ ~ 40℃		
	Relative humidity	20~90% RH		

Dimension(mm)



Wiring Diagram

DIP-Switch selection table

EUP15-1HMC-0 is a Multi-current dimming driver, output current level selectable by DIP S.W., as the following:

Current	DIP-1	DIP-2
350mA	OFF	OFF
500mA	ON	OFF
700mA	ON	ON

Remark: Function default setting is: 350mA (@switch are all OFF state)

Caution

1. The product shall be installed and serviced by a qualified person.
2. This product is non-waterproof. Please avoid the sun and rain. When installed outdoors please ensure it is mounted in a water proof enclosure.
3. Good heat dissipation will prolong the working life of the controller. Please ensure good ventilation.
4. Please check if the output voltage and current of any LED power supplies used comply with the requirement of the product.
5. Please ensure that adequate sized cable is used from the controller to the LED lights to carry the current. Please also ensure that the cable is secured tightly in the connector.
6. Ensure all wire connections and polarities are correct before applying power to avoid any damages to the LED lights.
7. If a fault occurs please return the product to your supplier. Do not attempt to fix this product by yourself.