EUP75T-1H24V-0 (Product No.: 104200011201)



Summary

EUP75T-1H24V-0 is a constant voltage mode output LED driver. 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 Feature

·Single channel constant voltage output,3.1A Max
·Support Leading edge (Triac) and Trailing edge (ELV) Dimmer
·Dimming range from 40VAC to 240V AC
·Dimming effect smooth, no flicker
·High efficiency: up to 89%.
·Over current protection; Over voltage protection; Short circuit protection
·Suitable for indoor LED lighting application

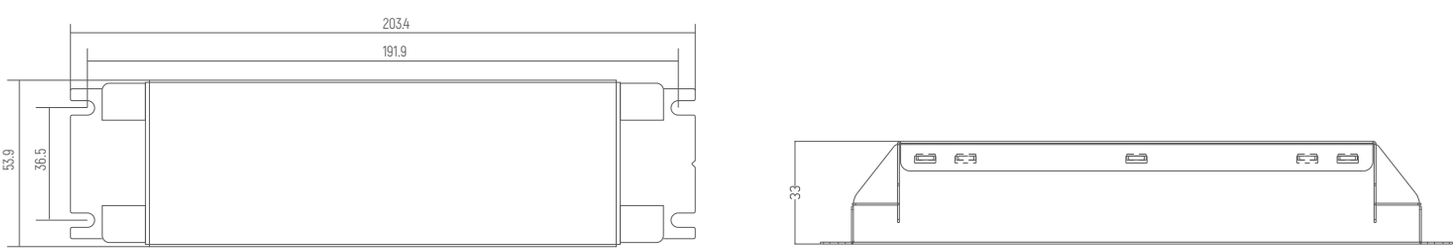
Application



Technical Parameters

Model	EUP75T-1H24V-0		
Input	Efficiency	89%@230VAC, Full load	
	Voltage	200VAC-240VAC	
	Frequency	50/60Hz	
	Power Factor	>0.5@230VAC, Full load	
	Current	0.9Amax@230VAC, Full load	
	Dimming voltage range	40-240VAC	
	Inrush Current	Cold start,45A@230VAC	
Output	Current/Voltage/Power	3.1A/24VDC/74.4W	
	Ripple Current	200mVp-p	
	Channel	1	
	Voltage Tolerance	±3%	
	Turn On Delay Time	<1s, at 230Vac	
Function	Dimming Mode	Triac	ELV
Protection	Over current	Limit the power to 110%-150% of rated output power	
	Short Circuit	Close the output, restart to recover since fault condition is removed for 10s	
	Over voltage	Hiccup, recovers after fault condition is removed	
Others	Working Temp.	-20°C~50°C	
	Storage Temp.; Humidity	-40°C~85°C, 20-90%RH	
	Tc	75°C	
	Material	PC	
	IP Rating	IP20	
	Lifetime	30,000h@tc:75°C	
	Warranty Condition	3 years	
	Switch Cycle	>15,000 times	
	Packing Size	Net weight: 414g±5%/PCS; 30PCS/Carton; 12.92kg±5%/Carton; Carton Size: 390*229*224mm(L*W*H)	
	Dimension	204*54*33mm(L*W*H)	

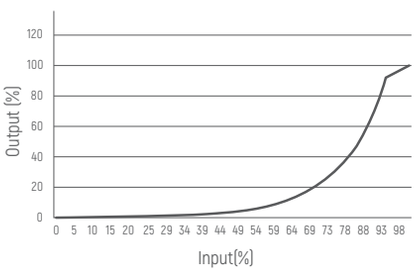
Dimension(mm)



Wiring Diagram



Dimming Curve



Cautions

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.For safety consideration, PVC or rubber cord of 0.75-1.5mm2 is recommended for input and output terminal(s) . Flat power cord is not suitable. 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.

※ The contents of this manual are updated without prior notice. If the function of the product you are using is inconsistent with the instructions, the function of the product shall prevail.Please contact us if you have any questions .

EUP75T-1H24V-0 (产品代码: 104200011201)



概述

EUP75T-1H24V-0 是一款恒压输出 LED 调光驱动器。这款驱动器支持前沿切相和后沿切相调光器，可以与多品牌系统(飞利浦，ABB，路创，西门子，西蒙，松下等)配合使用，实现平滑调光的效果。

产品特点

·单通道恒压输出，最大输出电流为3.1A
·支持前沿 (Triac) 和后沿(ELV)调光
·调光电压范围 40VAC- 240VAC
·调光曲线平滑，无抖动
·高效率达 89%
·过流保护；过压保护；短路保护
·适用于室内 LED 灯具

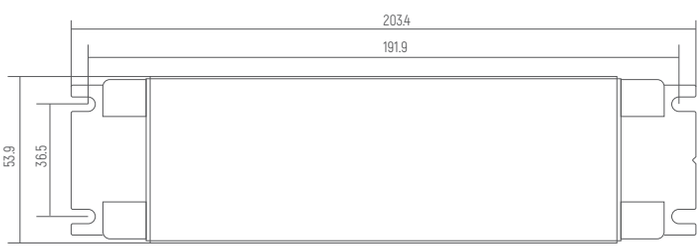
应用

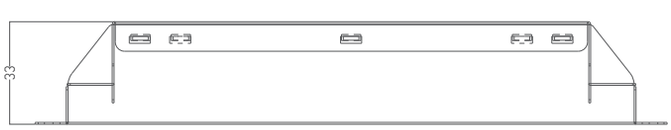


技术参数

型号	EUP75T-1H24V-0		
输入	效率	89%@230VAC, 满载	
	电压	200VAC-240VAC	
	频率	50/60Hz	
	功率因素	>0.5@230VAC, 满载	
	电流	0.9Amax@230VAC, 满载	
	调光电压范围	40-240VAC	
	浪涌电流	Cold start, 45A@230VAC	
输出	电流/电压/功率	3.1A/24VDC/74.4W	
	波纹电流	200mVp-p	
	通道	1	
	电压公差	±3%	
	启动延时	<1s, at230Vac	
功能	调光方式	前沿	后沿切相调光
保护	过流	打嗝，去除故障后自恢复	
	短路	锁死，去除故障 10s 后重新上电可恢复	
	过压	将输出功率限制在额定功率的 110%-150%	
其它	工作温度	-20°C~50°C	
	储存温度、湿度	-40°C~85°C, 20-90%RH	
	tc	75°C	
	材质	PC	
	防水等级	IP20	
	寿命	30,000小时@tc:75°C	
	质保	3年	
	开关周期	>15,000次	
	包装重量	净重: 414g±5%/个; 30个/箱; 12.92kg±5%/箱; 外箱尺寸: 390*229*224mm(L*W*H)	
	尺寸	204*54*33mm(长*宽*高)	

产品尺寸

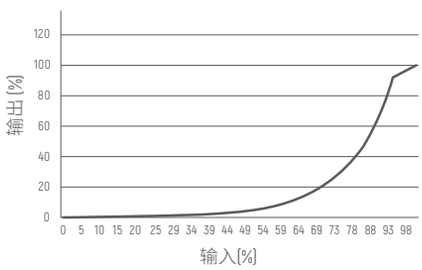




应用接线图



调光曲线



注意事项

1. 本产品请由具有专业资格的人员进行调试安装。
2. 本产品不能防水，需避免日晒雨淋，如安装在户外，请用防水箱。
3. 良好的散热条件会延长产品的使用寿命，请把产品安装在通风良好的环境。
4. 请检查使用的LED电源输出电压电流，是否符合产品要求。
5. 出于安全考虑，推荐输入和输出(信号端除外)用0.75-1.5mm2PVC或橡胶线缆，并确保接线牢固，以免电线过热或接触不良触发事故。扁平电源线不适用。
6. 通电调试前，应确保所有接线正确，以避免因接线错误而导致灯具损坏。
7. 如果发生故障，请勿私自维修；如果有疑问，请联系供应商。

※ 本说明书内容如有更新，恕不另行通知。若您使用的产品功能与说明书不一致时，请以产品为准。如有疑问请与我们联系。