

EUP60D-1HMC-0 (Product No.:102100151101)

Product Features

- Signal channel output, output current level selected by DIP S.W.
- Meet DALI Protocol IEC 62386
- Support Touch DIM dimming
- THD≤15%
- Low ripple current, no flicker
- High efficiency up to 86%
- Built-in active PFC function
- Over voltage protection, short circuit protection, over power protection
- Suitable for indoor LED lighting application, such as down light, panel light, and so on



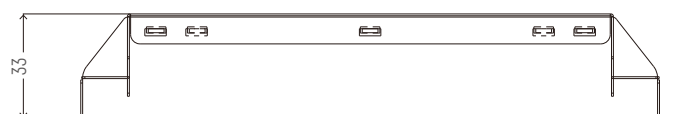
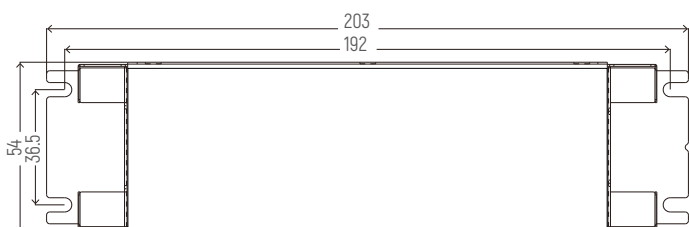
Application



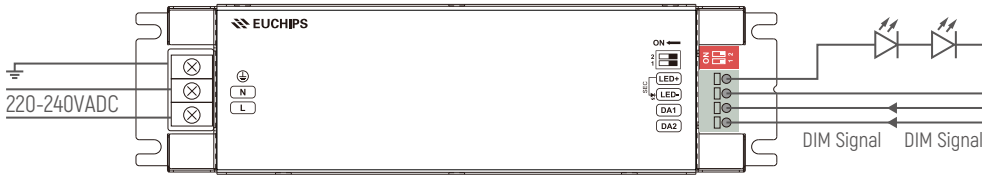
Technical Parameters

Model	EUP60D-1HMC-0																		
Input	Efficiency	86%@230VAC,Full load																	
	Voltage	200VAC-240VAC																	
	Frequency Range(Hz)	50/60Hz																	
	Power Factor	≥0.9@230VAC,Full load																	
	THD(full load)	≤15%@230VAC, Full load																	
	AC Current(max)	0.4Amax@230VAC																	
	Inrush Current(max)	Cold start 27A(twidth=5.4us measured at 50% Ipeak) @230VAC																	
Output	Current(mA)/Voltage (VDC) Power(W)	1050mA/9-58VDC/60.9W 1200mA/9-50VDC/60W 1400mA/9-43VDC/60.2W																	
	Ripple Current	<4%																	
	Channel	1																	
	Current Tolerance	±3%																	
	No load output voltage	95V Max																	
	Current Selection Table																		
<table border="1"> <tr> <td></td> <td></td> <td>1</td> <td>2</td> <td></td> <td></td> </tr> <tr> <td>ON</td> <td>OFF</td> <td>1050mA</td> <td>1200mA</td> <td>1400mA</td> <td></td> </tr> <tr> <td></td> <td></td> <td>9-58V</td> <td>9-50V</td> <td>9-43V</td> <td></td> </tr> </table>				1	2			ON	OFF	1050mA	1200mA	1400mA				9-58V	9-50V	9-43V	
		1	2																
ON	OFF	1050mA	1200mA	1400mA															
		9-58V	9-50V	9-43V															
Remark: Function default setting is: 1050mA (@switch are all OFF state)																			
Function	Dimming Type	DALI /Touch DIM(Push DIM)																	
Protection	Short Circuit	Close output, recovers automatically after fault removed																	
	Over Load	When the output voltage is exceeded, the output current decreases and, recovers automatically when the load is reduced.																	
	Over voltage	Close output, recovers automatically after fault removed																	
Others	Working Temp.	-20°C~40°C																	
	Storage Temp., Humidity	-40°C~85°C, 20-90%RH																	
	tc	95°C																	
	Material	Metal																	
	IP Rating	IP20																	
	Lifetime	30,000h@tc:75°C																	
	Warranty Condition	3 Years																	
	Switch Cycle	>15,000 times																	
	Packing(weight)	Net weight: 410g±5%/PCS; 30PCS/Carton;12.8kg±5%/Carton; Carton Size: 383*222*217mm(L*W*H)																	
Dimension	203*54*33mm(L*W*H)																		

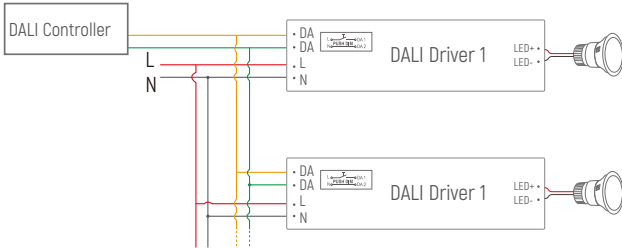
Dimension(mm)



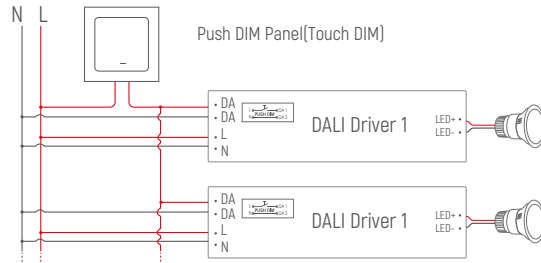
DALI Wiring



DALI Diagram



Push DIM(Touch DIM) Diagram



Remark: Only use open push button without indicator light. Maximum cable length between each Unit: 20 meters.

Push DIM Function

1. Short press the Touch DIM switch (<0.5s) to control the lamp on or off.
2. Long press the Touch DIM switch (>0.5s) to dim the brightness of light. The dimming direction will change every time after pressing switch.
3. Double-click the Touch DIM switch (<0.3s), then all lamps connected on the device will be set maximum brightness.
4. The brightness adjustment range is 1%-100%, and the light can be turned off through short pressing when doing the adjustment with long pressing Touch DIM switch.
5. With the Power off memory function, the power-down state will be recovered when power on again.

Cautions

- 1.This product should be installed by qualified personnel.
- 2.DALI and Touch-DIM functions can not be used at the same time.
- 3.This product is non waterproof, need to avoid sun and rain.In case of outdoor use, please ensure it is mounted in a water proof enclosure.
- 4.Good heat dissipation conditions extend product life. Please install the product in a well-ventilated environment.
- 5.Please make sure LED power supply output voltage, current is used to meet the product requirements.
- 6.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.
- 7.Due to safety concerns, PVC or rubber cord of 0.75-2.5mm² is recommended for input and output terminal(s) (excluding signal terminals). 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.
- 8.In case of malfunction, do not repair it 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 .