

EUP40D-1HMC-0 (Product No.:102100240101)

Summary

EUP40D-1HMC-0 is a constant output mode LED driver. The output current can be easily set via DIP switch, EUP40D-1HMC-0 can be connected to DALI master or Touch DIM to achieve a smooth dimming effect.

Product Features

- Single channel output, output current level selectable by DIP S.W.
- Meet DALI Protocol IEC 62386
- Support Touch-DIM function
- High input voltage of 220VAC ~ 240VAC
- High efficiency up to 88%
- Built-in active PFC function
- Dimming effect smooth, no flicker
- Protections: Short circuit, over load, over temperature
- Suitable for indoor LED lighting application, such as down light, panel light, and so on



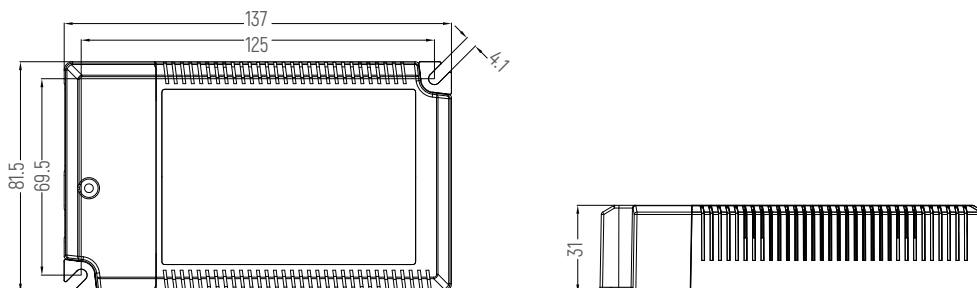
Application



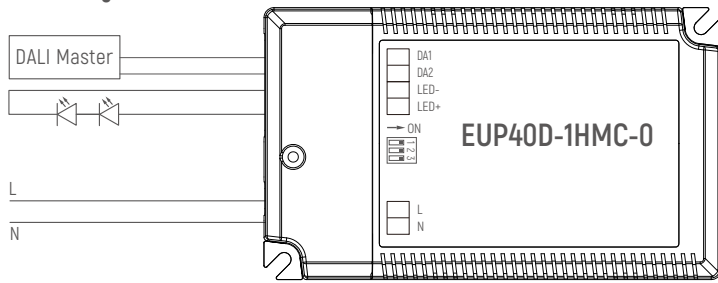
Technical Paramaters

Model	EUP40D-1HMC-0				
Input	Efficiency	88%@230VAC,Full load			
	Voltage	220VAC-240VAC			
	Frequency Range(Hz)	50/60Hz			
	Power Factor	≥0.95@230VAC,Full load			
	THD(full load)	<10%@230VAC, Full load			
	AC Current(max)	0.23Amax@230VAC			
	Standby power	<0.5W			
	Inrush Current(max)	Cold start,40A(twidth=12.8 us measured at 50% Ipeak)@230VAC			
Output	Current(mA)/Voltage (VDC)	850mA/9-45VDC/38.25W	950mA/9-42VDC/39.9W	1050mA/9-38VDC/39.9W	1150mA/9-35VDC/40.25W
	Power(W)	900mA/9-44VDC/39.6W	1000mA/9-40VDC/40W	1100mA/9-36VDC/39.6W	1200mA/9-33VDC/39.6W
	Ripple Current	<3%			
	Channel	1			
	Current Tolerance	±5%			
	No load output voltage	55V Max			
	Turn on delay Time	<1.5s, at230Vac			
Function	Dimming Type	DALI /Touch DIM(Push DIM)			
	Dimming Range	1%-100% Dimming to off			
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 Temperature	Shut down the output, recovers automatically when temp. back to normal.			
Others	Working Temp.	-20°C~50°C			
	Storage Temp., Humidity	-40°C~85°C, 20-90%RH			
	Tc	95°C			
	Material	PC			
	IP Rating	IP20			
	Lifetime	50,000h@tc:75°C			
	Warranty Condition	5 Years			
	Switch Cycle	>100,000 tims			
	Packing(weight)	Net weight: 225g±5%/PCS; 50PCS/Carton;11.75kg±5%/Carton; Carton Size: 517*337*179mm[L*W*H]			
	Dimension	137*82*31mm[L*W*H]			






























Dimension(mm)



DALI Wiring



Current Selection Table

ON		OFF																																
			850mA	900mA	950mA	1000mA	1050mA	1100mA	1150mA	1200mA																								
			9-45V	9-44V	9-42V	9-40V	9-38V	9-36V	9-35V	9-33V																								