

75W Casambi Dimmable LED Driver



Important: Read All Instructions Prior to Installation

Function introduction



Product Data

Output	LED Channel	2 Channel
	DC Voltage	24V DC
	Max. Current	Max. 3.125A, CH1+CH2≤3.125A
	Voltage Tolerance	±3%
	Rated Power	Max. 75W
Input	Voltage Range	220-240V AC
	Frequency Range	50/60Hz
	Power Factor (Typ.)	> 0.95 @ 230VAC
	Total Harmonic Distortion	THD ≤ 14% (@ full load / 230VAC)
	Efficiency (Typ.)	89% @ 230VAC full load
	AC Current (Typ.)	0.4A @ 230VAC
	Inrush Current (Typ.)	COLD START Max. 35A @ 230VAC
	Leakage Current	< 0.5mA /230VAC
Control	Standby Power Consumption	< 0.5W
	Anti Surge	L-N:2KV
	Dimming Interface	Casambi
	Dimming Range	0.1%-100%
	Dimming Method	Pulse Width Modulation
Protection	Dimming Curve	Linear/Logarithmic optional
	Over Voltage	Yes, recovers automatically after fault condition is removed
	Over Load	Yes, recovers automatically after fault condition is removed
	Short Circuit	Yes, recovers automatically after fault condition is removed
	Over temperature	Yes, recovers automatically after temperature drop

Environment	Working Temp.	-25°C ~ +45°C
	Max. Case Temp.	90°C (Ta=45°C)
	Working Humidity	10% ~ 95% RH non-condensing
	Storage Temp. & Humidity	-40°C ~ +80°C, 10% ~ 95% RH
Safety & EMC	Safety Standards	IEC/EN61347-1, IEC/EN61347-2-13
	Withstand Voltage	I/P-O/P: 3.75KVAC
	Isolation Resistance	I/P-O/P: 100M Ohms / 500VDC / 25°C / 70% RH
	EMC Emission	En55015, EN61000-3-2 Class C, EN61000-3-3
	EMC Immunity	EN61000-4-2,3,4,5,6,8,11, EN614547
Others	MTBF	191500H, MIL-HDBK-217F @ 230VAC full load and 25°C ambient temperature
	Dimension	306.6*43*30mm (L*W*H)
	Warranty	5 Years

- Casambi dimmable LED driver
- Class II power supply, full isolated plastic case, built-in active PFC function
- PF > 0.95, Efficiency > 89%, standby power < 0.5W
- Can be controlled by both Casambi App and Casambi wall switches
- Easy commissioning with Casambi App
- On-board antenna
- Over-temperature/Over-load/ Over-voltage protection
- Waterproof grade: IP20
- 5 Years Warranty

Safety & Warnings

- DO NOT install with power applied to the device.
- DO NOT expose the device to moisture.

Wiring diagram



Product Dimension

