HA100-24 100W Constant Voltage Output LED Driver

hitechled®
DIFFERENT LIGHTING

Data sheet

Description

The HA100-24 is a constant voltage LED driver, suitable for powering LED lighting systems, such as LED strips, LED modules, LED bars, etc.

Thanks to the high efficiency, with the fanless design, this model is able to operate from -40°C up to +90°C case temperature under free air convection. With IP65 protection level it is suitable to work for wet locations.

Features

- Constant voltage output
- Built-in active PFC function and class II design
- No load power consumètion <0,5W; stand by <0,5W
- Fully encapsulated with IP65 level
- Typical lifetime >50.000h, 5 years warranty

Applications

- Outdoor LED lighting
- LED strip lighting
- LED decorative lighting
- LED architecture lighting
- Industrial lighting

Model: **HA100-24**

Code: **ALI 000000**

Specifications

OUTPUT SEC	Voltage	24V ===
	Rated Current	4,16A
	Rated Power	100W
INPUT PRI	Operating Voltage Limits	198-264V ∼
	Voltage Range (typ.)	220-240V ∼
	Frequency Range	47/63 Hz
	Power Factor (typ.)	>0,96/230VAC
	Total Harmonic Distorsion	THD<20%, 230VAC: Load75%
	Efficiency (typ.)	90%
	AC Current (typ.)	0,47/230VAC; 0,42/264VAC
	No Load/Stand By Power Consumption	<0,5W
PROTECTION	Overload	108-130% Rated Output Power
	Short Circuit	Hiccup Mode, recovers automatically after fault condition is removed
	Over Voltage	Shut Down o/p Voltage, Re-power on to Recover
	Over Temperature	Shut Down o/p Voltage, Re-power on to Recover
ENVIROMENT	Working Temperature	Tcase -40°C ∼ +85°C
	Max. Case Temperature	Tcase +85°C
	Working humidity	20% ∼ 95% RH
	Storage Temperature	-40°C ∼ +85°C
	Storage Humidity	10% ∼ 95% RH

CE UKCA (symbols) M M 110 SELV IP65 (WEEE symbol)

hitechled®
DIFFERENT LIGHTING

Dimensions

311.00 · 19.50 · 7.00

325.00
317.00
311.00

34.00 · 16.45 · 27.90

7.00 · 4.4x4PL