

200W DALI/Push+Triac+0/1-10V LED Driver

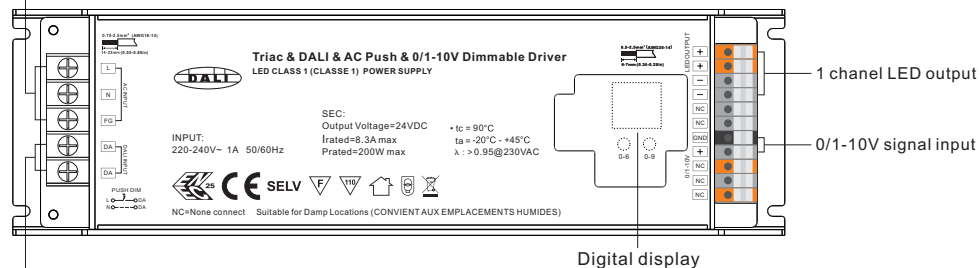
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Important: Read All Instructions Prior to Installation

Function introduction

AC power/
Triac signal input



DALI/AC push input

Product Data

Output	LED Channel	1 (with 2 groups of terminal connected in parallel)
	DC Voltage	24V DC
	Max. Current	Max. 4.16A/group of terminal, group 1+group2=8.32A
	Voltage Tolerance	±1%
	Rated Power	max. 200W
Input	Voltage Range	220-240V AC
	Frequency Range	50/60Hz
	Power Factor (Typ.)	> 0.95 @ 230VAC
	Total Harmonic Distortion	THD ≤ 15% (@ full load / 230VAC)
	Efficiency (Typ.)	93% @ 230VAC full load
	AC Current (Typ.)	1A @ 230VAC
	Inrush Current (Typ.)	COLD START max. 65A at 230VAC
	Leakage Current	< 0.5mA /230VAC
Control	Dimming Interface	DALI/Push+Triac+0/1-10V
	Dimming Range	0.1%-100%
	Dimming Method	Pulse Width Modulation

Protection	Short Circuit	Yes, recovers automatically after fault condition is removed
	Over Current	Yes, recovers automatically after fault condition is removed
	Over Temperature	Yes, recovers automatically after fault condition is removed
Environment	Working Temp.	-25°C ~ +45°C
	Max. Case Temp.	90°C
	Working Humidity	10% ~ 95% RH non-condensing
	Storage Temp. & Humidity	-40°C ~ +80°C, 10% ~ 95% RH
Safety & EMC	Safety Standards	EN61347-1, EN61347-2-13 approved
	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, EN61000-3-3
	EMC Immunity	EN61547, EN61000-4-2,3,4,5,6,8,11, surge immunity Line-Line 1KV
Others	MTBF	193.6K hrs min. @ 230VAC full load and 25°C ambient temperature
	Dimension	240*72*36mm (L*W*H)

- Dimmable LED driver with rectangle metal case
- With DALI/Push+Triac+0/1-10V dimming interfaces
- 1 channel 24VDC constant voltage output
- Class 1 power supply, full isolated metal case
- Built-in two-stage active PFC function
- PF > 0.95, Efficiency > 93%
- Compatible with universal Triac dimmers
- Compatible with universal 0/1-10V dimmers
- PWM digital dimming output
- Complies with DALI standards IEC62386-101, 102, 207
- Compliant with Safety Extra Low Voltage standard
- Short circuit, over load, over temperature protection
- IP20 rating, suitable for indoor LED lighting applications
- 5 years warranty

Safety & Warnings

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

Operation

1. Dimming Interface Selection

- 1.1. The LED driver supports 4 kinds of dimming input: DALI, Push, Triac, 0/1-10V.
- 1.2. Please select any of the 4 dimming interfaces to wire each time.
- 1.3. To connect a new dimming interface, previously connected dimming interface must be disconnected, once a new dimming interface is connected, please re-power on the driver to switch to current dimming interface.
- 1.4. DO NOT connect more than 2 (including 2) dimming interfaces simultaneously.
- 1.5. The digital display will show different information while connected to different dimming inputs:

Triac: Pc (phase cut) **88**, DALI: 00 (DALI address) **00**, Push Dim: Pd **88**, 1-10V: (1-t) **88**, after connecting a new dimming input, re-power on the driver, display will show Pc, control with current dimming input, the display will automatically change to show corresponding information of current dimming.

