

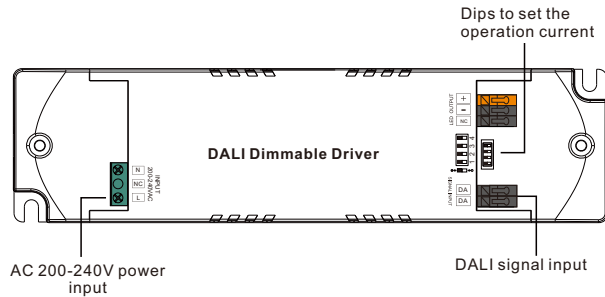
TRONIX

Article 215-272 12W DALI DT6 LED Driver(CC)



Important: Read All Instructions Prior to Installation

Function introduction



Dips to set the operation current



Current	1	2	3	4
100mA	○	○	○	○
150mA	○	○	○	●
200mA	○	○	○	●
250mA	○	○	○	●
300mA	○	○	○	●
350mA	○	○	○	●
400mA	○	○	○	●
450mA	○	○	○	●
500mA	○	○	○	●
550mA	○	○	○	●
600mA	○	○	○	●
650mA	○	○	○	●
700mA	○	○	○	●

Product Data

Output	LED Channel	1							
	DC Voltage	100mA	150mA	200mA	250mA	300mA	350mA	400mA	450mA
		6-52V	6-52V	6-52V	6-48V	6-40V	6-34V	6-30V	6-26V
	Current	500mA	550mA	600mA	650mA	700mA			
		6-24V	6-21V	6-20V	6-18V	6-17V			
Current Accuracy	±3%								
Rated Power	Max. 12W								
Input	Voltage Range	200-240V AC							
	Frequency Range	50/60Hz							
	Power Factor (Typ.)	> 0.95 @ 230VAC Full load							
	Total Harmonic Distortion	THD ≤ 12% (@ full load / 230VAC)							
	Efficiency (Typ.)	> 80% @ 230VAC full load							
	AC Current (Typ.)	0.07A @ 230VAC							
	Inrush Current (Typ.)	COLD START max. 2A at 230VAC							
	Leakage Current	< 0.5mA /230VAC							
	Standby Power Consumption	< 0.5W							
	Anti Surge	L-N:0.5KV							
Control	Dimming Interface	DALI Device Type 6 (DALI consumption < 2mA)							
	Dimming Range	0.1%-100%							
	Dimming Method	PWM dimming							
	Dimming Curve	Linear/ Logarithmic optional							

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 temperature drop
Environment	Working Temp.	-25°C ~ +45°C
	Max. Case Temp.	TC=85°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	EN61347-1, 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, EN61000-3-3
	EMC Immunity	En61547, EN61000-4-2,3,4,5,6,8,11
Others	MTBF	191350H, MIL-HDBK-217F @ 230VAC full load and 25°C ambient temperature
	Dimension	135x35x20mm (L*W*H)
	Warranty	5 Years

- In compliance with IEC 62386-101:2014, IEC 62386-102:2014, IEC 62386-207 Ed2
- Built-in DALI-2 interface, DALI DT6 device
- Dimmable LED driver. Max. output power 12W
- 1 channel 100~700mA constant current output, select by DIP switch
- Class II power supply, full isolated plastic case
- High power factor and efficiency
- To switch and dim Tunable White LED lighting fixtures
- PWM dimming, smooth and deep dimming
- Compatible with universal DALI masters that support DT6 commands
- Error report function
- 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.

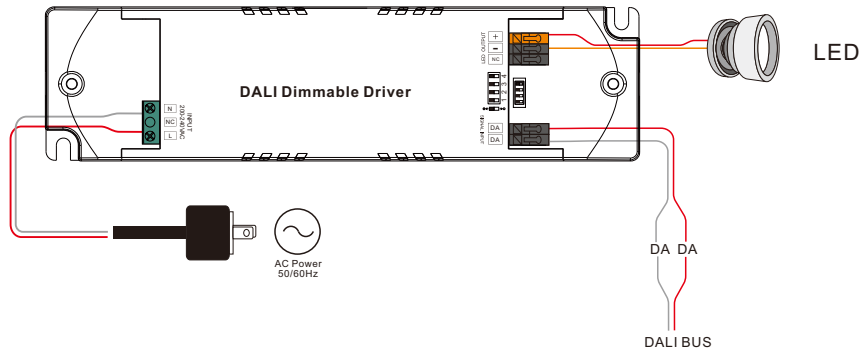
Operation

1. DALI Address

1 DALI address for 1 channels output are assigned by DALI Master controller automatically, please refer to user manuals of compatible DALI Masters for specific operations.

Wiring Diagram

With DALI bus



Product Dimension

