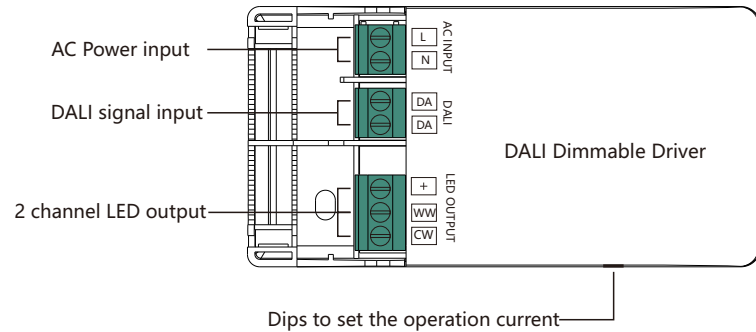


# 10W DALI DT8 LED Driver(Constant current)



**Important:** Read All Instructions Prior to Installation

## Function introduction

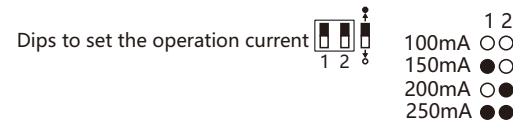


## Product Data

Output	LED Channel	2 Channel			
	Selectable Current	100mA	150mA	200mA	250mA
	DC Voltage Range	6-42V	6-42V	6-42V	6-40V
	Current Accuracy	±3%			
	Rated Power	Max.10W			
Input	Voltage Range	200-240V AC			
	Frequency	50/60Hz			
	Power Factor (Typ.)	>0.9@230VAC			
	Total Harmonic Distortion	THD≤15 (@Full load/230VAC)			
	Inrush Current (Typ.)	0.053A @ 230VAC			
	Input Current	COLD START Max. 8A @ 230VAC			
	Standby Power consumption	< 0.5W			
	Anti Surge	L-N: 500V			
Control	Dimming Interface	DALI Device Type 8 (DALI consumption<2mA)			
	Dimming Range	0.1%-100%			
	Dimming Method	Hybrid (PWM +CCR) dimming			
	Dimming Curve	Logarithmic			
Protection	Short Circuit	Yes, auto recovery after fault removed			
	Over Current	Yes, auto recovery after fault removed			
	Over Temperature	Yes, recovers automatically after temperature drop			

Environment	Working Temp.	-20°C ~ +45°C
	Max. Case Temp.	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
	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 0.5KV
Others	Isolation Resistance	I/P-O/P: 100M ohms / 500VDC/ 25°C /70%RH
	MTBF	191200H, MIL-HDBK-217F @ 230VAC at full load and 25°C ambient temperature
	Dimension	103.7*52.6*30mm (L*W*H)
	Warranty	5 Years

- In compliance with IEC 62386-101:2014, IEC 62386-102:2014, IEC 62386-207 Ed2.IEC 62386-209:2011
- Built-in DALI-2 interface, DALI DT8 device
- Dimmable LED driver. Max. output power 10W
- 2 channel 100~250mA 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
- Hybrid(PWM+CCR) dimming, smooth and deep dimming to 0.1%
- Compatible with universal DALI masters that support DT8 commands
- Error report function
- IP20 rating, suitable for indoor LED lighting applications
- 5 years warranty



## Safety & Warnings

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

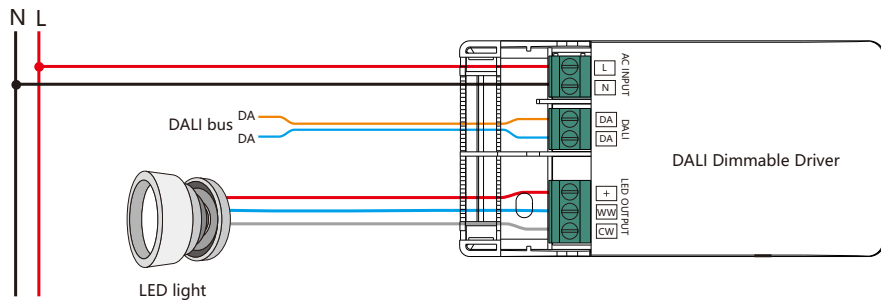
## Operation

1. DALI Address Assigned by DALI Masters

1 DALI addresses for 2 channel output is assigned by DALI Master controller automatically, please refer to user manuals of compatible DALI Masters for specific operations.

## Wiring Diagram

### 1. With DALI bus



## Product Dimension

