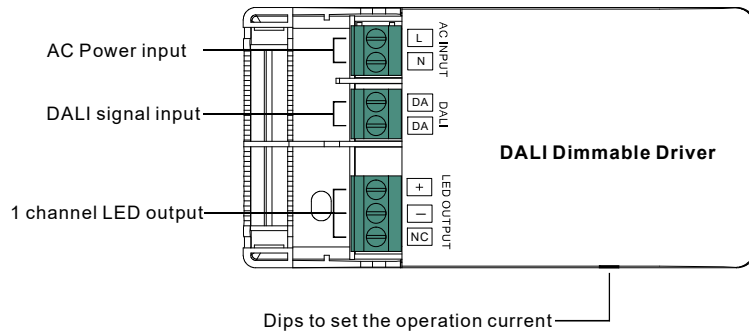


# 10W DALI DT6 LED Driver(Constant current)



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

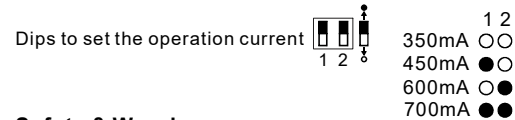


## Product Data

	LED Channel	1 Channel			
		Selectable Current	350mA	450mA	600mA
Output	DC Voltage Range	6-28V	6-22V	6-17V	6-14V
	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 6 (DALI consumption<2mA)			
	Dimming Range	0.1%-100%			
	Dimming Method	Hybrid (PWM +CCR) dimming			
	Dimming Curve	Linear/Logarithmic option			
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
- Built-in DALI-2/Push interface, DALI DT6 device
- Dimmable LED driver. Max. output power 10W
- 1 channel 350~700mA constant current output, select by DIP switch
- Class II power supply, full isolated plastic case
- High power factor and efficiency
- To switch and dim LED lighting fixtures
- Hybrid(PWM + CCR) dimming, smooth and deep dimming to 0.1%
- 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 device.
- DO NOT set the operation current with power applied
- DO NOT expose the device to moisture.

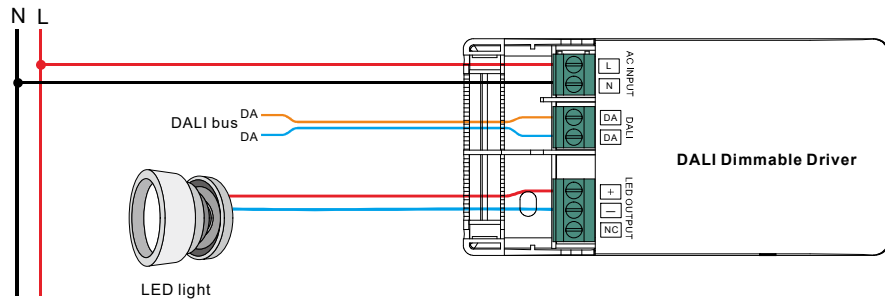
## Operation

### 1. DALI Address Assigned by DALI Masters

1 DALI addresses for 1 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

