

# 15W DALI DT6 LED Driver (Constant Current)

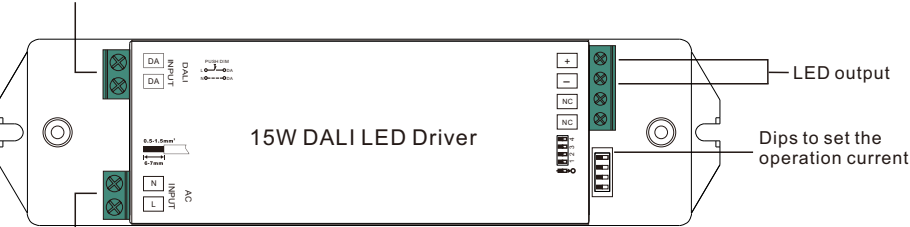
LED Controlled Device



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

## Function introduction

DALI signal input



AC 200-240V power input

## Product Data

Output	Selectable Current	100mA	150mA	200mA	250mA	300mA	350mA	400mA	450mA
	DC Voltage Range	5-52V	5-52V	5-52V	5-52V	5-50V	5-43V	5-38V	5-33V
	Selectable Current	500mA	550mA	600mA	650mA	700mA			
	DC Voltage Range	5-30V	5-27V	5-25V	5-23V	5-22V			
	Rated Power	15W max.							
Input	Voltage Range	200-240V AC							
	Frequency Range	50/60Hz							
	Power Factor (Typ.)	> 0.95 @ 230VAC							
	Total Harmonic Distortion	THD ≤ 15% (@ full load / 230VAC)							
	Efficiency (Typ.)	85% @ 230VAC full load							
	AC Current (Typ.)	0.09A @ 230VAC							
	Inrush Current (Typ.)	COLD START 6.16A max. at 230VAC							
	Leakage Current	< 0.5mA /230VAC							
Control	Dimming Interface	DALI DT6 (DALI consumption<2mA)/ PUSH							
	Dimming Range	0.1%-100%							
	Dimming Method	Amplitude dimming (PWM dimming under 1%)							
	Dimming Curve	Logarithmic/ Linear							
Environment	Working Temp.	-20℃ ~ +45℃							
	Max. Case Temp.	85℃ (Ta="45℃")							
	Working Humidity	10% ~ 95% RH non-condensing							
	Storage Temp. & Humidity	-40℃ ~ +80℃, 10% ~ 95% RH							

Protection	Short Circuit	Yes, auto recovery after fault removed
	Over Temperature	Yes, auto recovery after fault removed
Safety&EMC	Safety Standards	ENEC EN61347-1, EN61347-2-13 approved
	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	MTBF	190500H, MIL-HDBK-217F @ 230VAC at full load and 25℃ ambient temperature
	Dimension	178*46*22 mm (L*W*H)

Dips to set the operation current

1

2

3

4

100mA

150mA

200mA

250mA

300mA

350mA

400mA

450mA

1

2

3

4

500mA

550mA

600mA

650mA

700mA

- Dimmable DALI DT6 LED driver
- In compliance with IEC 62386-101:2014, IEC 62386-102:2014, IEC 62386-207 Ed2
- Built-in DALI-2 interface, DALI DT6 device
- Hybrid dimming method, smooth and deep dimming to 0.1%, flicker free
- 1 channel constant current output, max. output power 15W
- Output current 100mA-700mA selectable by dip switches
- Standby power consumption less than 0.5W
- Class II power supply, full isolated plastic case
- High power factor and efficiency
- DALI DT6 device to control on/off,light intensity output via a single DALI address
- Compatible with universal DALI masters that support DT6 commands
- IP20 rating, suitable for indoor LED lighting applications
- 5 years warranty

## Safety & Warnings

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

## Operation

### 1. DALI Address Assigned by DALI Masters

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

### 2. Power On Level

Power on level is a DALI parameter that defines the level of a control gear after power is restored. The factory default power on level for this driver is 100, which means the driver will be at 100% intensity when power is restored.

