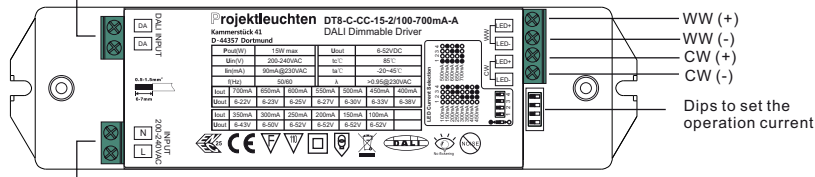


## Tunable White 15W DALI DT8 Driver

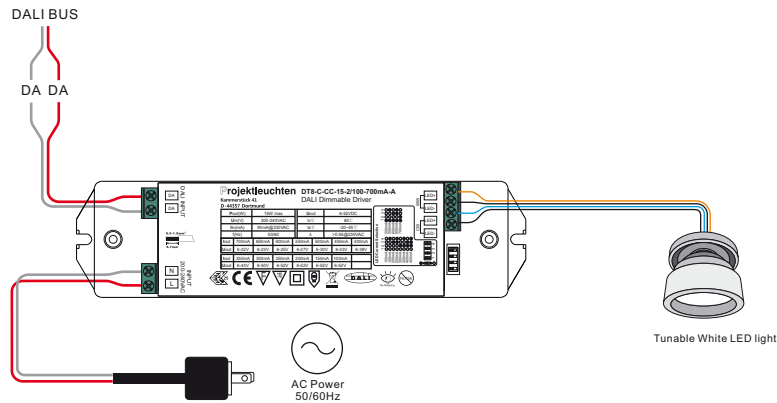
DT8-C-CC-15-2/100-700mA-A

### Function introduction

DALI signal input



AC 200-240V power input



### Product Data

	Selectable Current	100mA	150mA	200mA	250mA	300mA	350mA	400mA	450mA
	DC Voltage Range	6-52V	6-52V	6-52V	6-52V	6-50V	6-43V	6-38V	6-33V
	Selectable Current	500mA	550mA	600mA	650mA	700mA			
	DC Voltage Range	6-30V	6-27V	6-25V	6-23V	6-22V			
	Rated Power	Max. 15W							
Input	Voltage Range	200 – 240V AC							
	Frequency	50/60Hz							
	Power Factor (Typ.)	> 0.95@ 230VAC							
	Total Harmonic Distortion	THD ≤ 15% (@ full load / 230VAC)							
	Efficiency (Typ.)	87% @ 230VAC full load							
	AC Current (Typ.)	0.09A @ 230VAC							
	Inrush Current (Typ.)	COLD START 2A max. at 230VAC							
	Leakage Current	< 0.5mA / 230VAC							
Control	Dimming interface	DALI Device Type 8 ( DALI consumption □ 2mA)							
	Dimming range	1%-100%							
	Dimming method	Amplitude dimming (No output PWM)							
Protection	Short Circuit	Yes, auto recovery after fault removed							
	Over Temperature	Yes, auto recovery after fault removed							
Environment	Working Temperature	-20°C ~ +45°C							
	Max. Case Temperature	85°C (Ta="45°C")							
	Working Humidity	10% - 95% RH non-condensing							
	Storage Temp. & Humidity	-40°C ~ +80°C, 10% - 95% RH							
Safety&EMCI	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°C ambient temperature							
	Dimension	178*46*22 mm (L*W*H)							



- Dimmable DALI DT8 LED driver for tunable white
- 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
- Amplitude dimming, smooth and deep dimming to 0.1%, flicker free
- 2 channels constant current output, max. output power 15W
- Output current 100mA-850mA selectable by dip switches
- Class II power supply, full isolated plastic case
- High power factor and efficiency
- DALI DT8 device to control Warm White and Cool White output via a single DALI address
- Color temperature adjustment according to DALI specifications of Device Type 8, Color Type Tc.
- Compatible with universal DALI masters that support DT8 commands
- IP20 rating, suitable for indoor LED lighting applications
- 5 years warranty

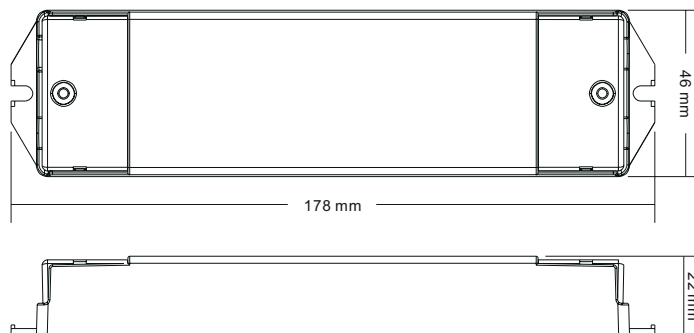
Dips to set the operation current

	1	2	3	4
100mA	○	○	○	○
150mA	○	○	○	●
200mA	○	○	●	○
250mA	○	○	●	●
300mA	○	●	○	○
350mA	○	●	○	●
400mA	○	●	●	○
450mA	○	●	●	●

	1	2	3	4
500mA	●	○	○	○
550mA	●	○	○	●
600mA	●	○	●	○
650mA	●	○	●	●
700mA	●	○	○	○

### Product Dimension



### 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. Tunable White Colour Range

The driver has 2 output channels used to control the intensity and temperature of white colour as well known as "Tunable White". The controlled colour temperature range is 2700K-6500K.

#### 3. 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.