Dt6 DALI Dual Color Touch Controller

△ DALI CE FC RoHS COMPLIANT

Important: Read All Instructions Prior to Installation

Function introduction

- 50% brightness
- LED indicator
- 75% brightness
- 25% brightness
- 100% brightness
- 50%CW+50%WW
- CCT wheel, slide touch to select color temperature
- ON/OFF button
- Press and hold down to decrease light intensity
- Press and hold down to increase light intensity
- 0%WW+100%CW
- 100%WW+0%CW

S1   S2   S3   S4
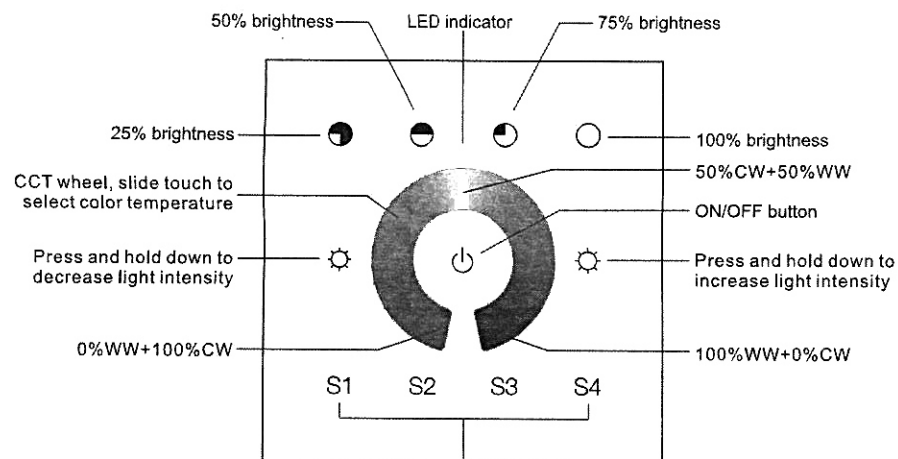
Scene button, press and hold down to save a scene, click to recall, the saved scene will cover the predefined one

Front side

41 mm
32 mm
59.00 mm
59.00 mm

DALI Dimmer

x10
DALI bus output =100mA max.
• tc=75℃
CE RoHS
DALI

x1

10*(0~9) for setting tens position

1*(0~9) for setting units position

DALI output DA+ DA-
AC100-240V input L N

DALI signal output
AC Power input
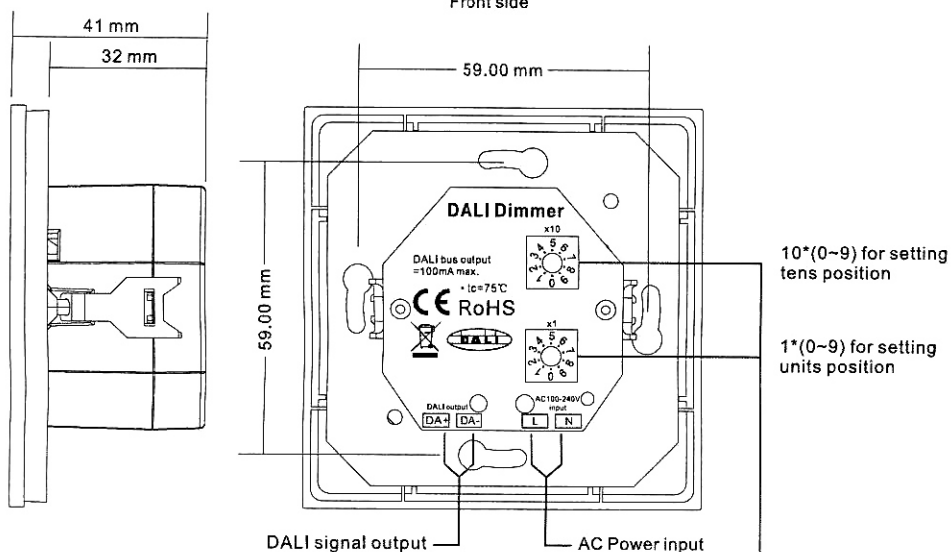
Rotary switches for setting start DALI address number (0-63), the number equals to tens position plus units position

Back side

Product Data

Power supply	100-240VAC/DALI bus
Output	DALI signal
Operation current	<15 mA
DALI bus output	100 mA max.
DALI consumption	4 mA
Operating temperature	0-40°C
Relative humidity	8% to 80%
Dimensions	86x86x41mm
Waterproof grade	IP20

- Touch sensitive.
- Glass interface(white & black).
- Comply to DALI standard protocol IEC 62386-102, IEC 62386-207 and in compliance with DALI products from other international incorporation.
- Built-in 100mA DALI power supply to power up to max. 50 DALI ECGs
- Powered by DALI bus while not connected to AC mains
- Max. 100 DALI ECGs on a DALI line can be controlled by 4 control panels (2 by AC mains, 2 by DALI bus)
- 1 light zone is available for switch, dimming and CCT control, each zone can control 2 DALI addresses.
- Enable to set start DALI address number (0-63) by rotary switches on the back.
- Enable to save 4 scenes

Safety & Warnings

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

Operation

Set starting DALI address number to be controlled with rotary switches on the back:

Set the starting number as X (0-63), the panel will control DALI addresses X, X+1.
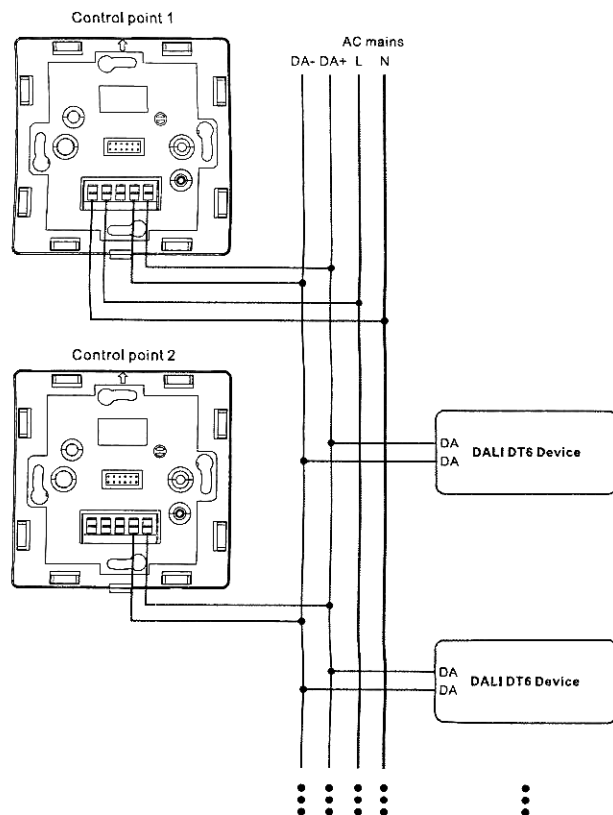
Note: Please set the DALI dimmers' address the same as the starting address set on the control panel. if X is set as 63, the panel will control DALI address 63, 00.

Installation
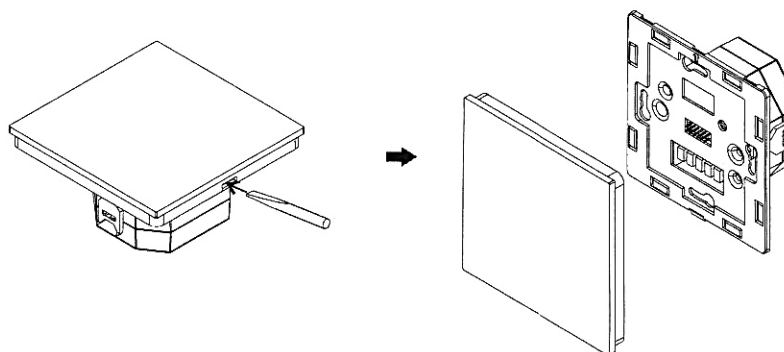
Wiring diagram

Figure 1: Wiring scheme to control up to 50 DALI ECG or control 2 DALI addresses.

Control point 1

AC mains
DA- DA+ L N

Control point 2

DA
DA **DALI DT6 Device**

DA
DA **DALI DT6 Device**

Note: once the starting address to be controlled is set on the DALI panel, to control up to 50 DALI ECG, please set DALI address of all ECGs the same as the starting address on DALI panels.

Figure 2: Wiring scheme with 2 DALI panels powered by AC mains to control up to 100 DALI ECG or control 2 DALI addresses.

Control point 1

AC mains
DA- DA+ L N
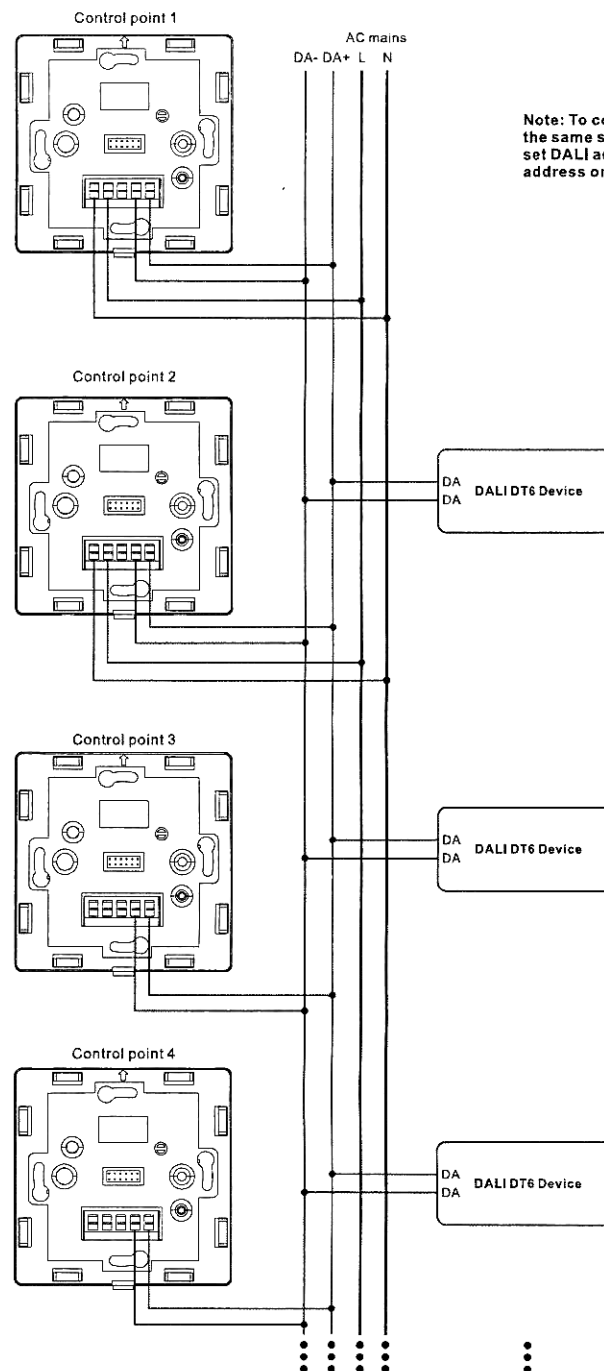
Note: To control up to 100 DALI ECG by 4 panels, please set the same starting address to be controlled on 4 panels, and set DALI address of all ECGs the same as the starting address on DALI panels.

Control point 2

DA
DA **DALI DT6 Device**

Control point 3

DA
DA **DALI DT6 Device**

Control point 4

DA
DA **DALI DT6 Device**