DALI DT8 Dual Color LED Dimmer

70040021

DALI CE FC RoHS Compliant

Important: *Read All Instructions Prior to Installation*

Function introduction

DALI/Push signal input

DC 12-24V power input

DALI DT8 Dimmer
Input Voltage DC 12~24V
Output Current max 2x5A
Max Power 120W@12V, 240W@24V

PUSH DIM
INPUT DC12~24V
OUTPUT LED

Common Anode output(+)
CH 1:WW output(-)
CH 2:CW output(-)

DALI/Push signal input
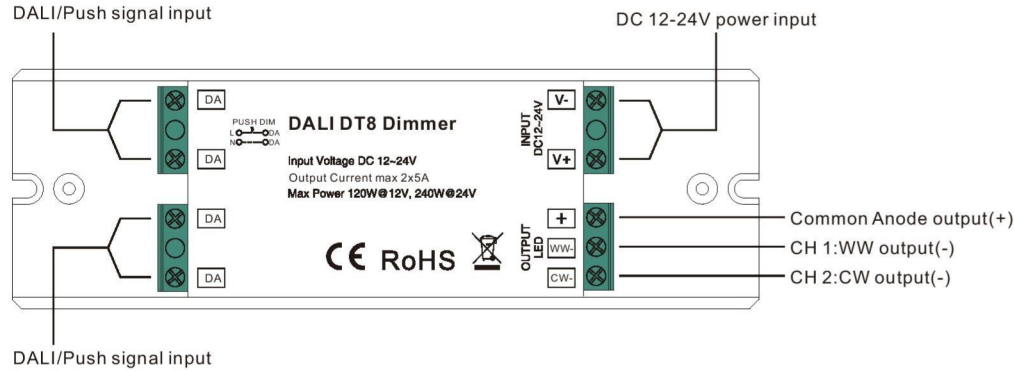
Product Data

Input Voltage	Output Current	Output Power	Remarks	Size(LxWxH)	DALI Consumption	Dimming Range	Ambient Temperature
12-24VDC	2x5A	2x(60-120)W	Constant voltage	145x46.5x16mm	2mA	0.1%-100%	-20℃ ~ +50℃

• Built-in DALI-2 interface, DALI DT8 device
• DALI DT8 device to control Warm White and Cool White output via a single DALI address
• 2 Channels constant voltage output with max. 5A per channel
• Enables Dimming and Color Temperature Adjustment
• Color control as defined in the DALI specification for device type 8, color type Tc.
• Supports DT8 device commands, compatible with DALI masters that support DT8 commands
• Configuration via DALI master USB interface
• Waterproof grade: IP20

Operation

1. DALI Address Assignment

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

2. Push Dimmer Mode

While connected with a AC push switch, the device will be controlled through Push Dimmer Mode, operations under Push Dimmer Mode are as follows:
2.1. Click the button to switch ON/OFF
2.2. Press and hold down the button to increase or decrease light intensity to desired level and release it, then repeat the operation to adjust light intensity to opposite direction. The dimming range is from 1% to 100%.
2.3. Memory function after power off or power failure enables the device to memorize the status before power off while power on again.
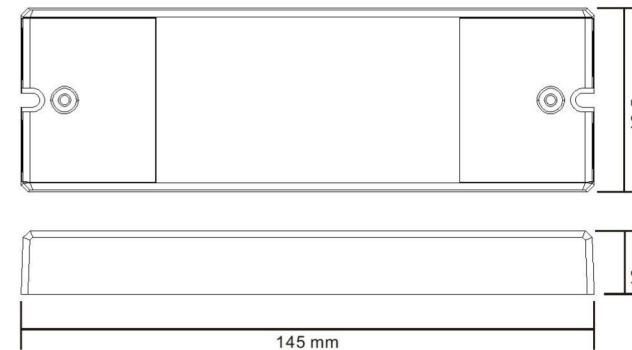
Wiring diagram

1. With DALI Bus
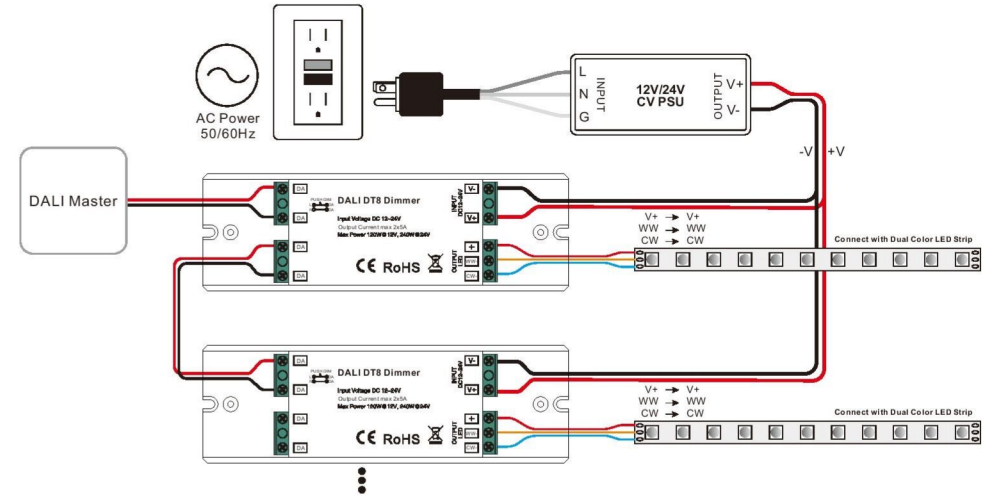
2. With Push Dimmer
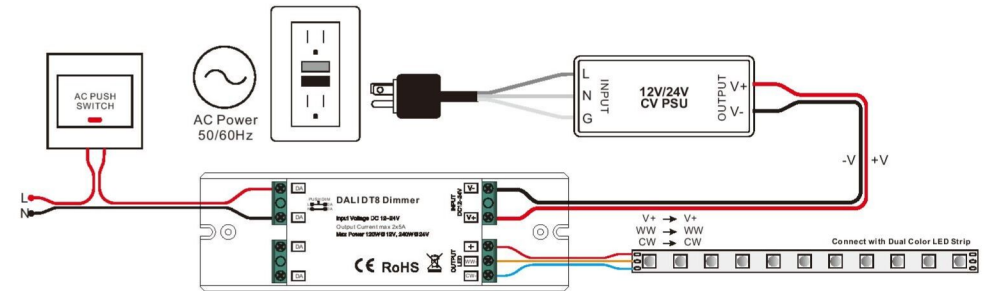
Product Dimension

46.5 mm

16 mm

145 mm

Safety & Warnings

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