DALI 0-10V/PWM Dimmer

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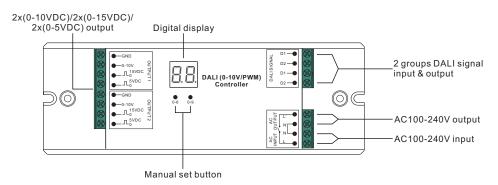
FC CE RoHS COMPLIANT UL TÜV DALI

Important: Read All Instructions Prior to Installation

Function introduction

2x(0-10VDC)/2x(0-15VDC)/
2x(0-5VDC) output

Digital display

GND
0-10V
15VDC
5VDC
OUTPUT 1

GND
0-10V
15VDC
5VDC
OUTPUT 2

DALI (0-10V/PWM)
Controller

DALI SIGNAL
D1
D2
D1
D2

2 groups DALI signal
input & output

L
N
N
L
AC OUTPUT
AC INPUT OUTPUT

AC100-240V output

AC100-240V input

0-6   0-9

Manual set button

Product Data

Input Voltage	Input Current	Output Power	Size(LxWxH)
100-240VAC	60mA max	2x(0-5VDC)/2x(0-10VDC)/2x(0-15VDC)	170x59x29mm

● Radio Frequency : 868mhz
● Waterproof grade: IP20

• Compatible with different DALI controllers
• To dim and switch Single color LED lighting.
• Waterproof grade: IP20

Safety & Warnings

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

Operation
Setting DALI address

0-6   0-9

1.1. Press and hold down any of the two buttons until numeric digital display flashes, then release the button.
1.2. Click any of the two buttons once to select a digit, click again to change the digit until the desired DALI address appears. Click first button to set "tens" position and second button to set "units" position. The address can be set from 00~63.
1.3. Then press and hold down any of the 2 buttons until the numeric digital display stops flashing to confirm the setting.

Note: DALI address can be manually assigned from 00-63-FF, by factory defaults, no DALI address is assigned for the dimmer, and the display shows FF. Setting DALI address as FF will reset the dimmer to factory defaults.

DALI Address Assigned by DALI Masters

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

Note: The digital display will show AU When the DALI master is assigning addresses.

Wiring Diagram

DALI Master

GND
0-10V
15VDC
5VDC

DALI SIGNAL
D1
D2
D1
D2

DALI (0-10V/PWM)
Controller

GND
0-10V
15VDC
5VDC

L
N
N
L
AC INPUT OUTPUT

AC Power
50/60Hz

Mono LED Strip   V+ ← V+

V- ← V-

V+
V-
DIM+
DIM-

0-10V/PWM Dimmable
Power Supply

ACN
ACL

N
L

AC Power
100-240VAC

Mono LED Strip   V+ ← V+

V- ← V-

V+
V-
DIM+
DIM-

0-10V/PWM Dimmable
Power Supply

ACN
ACL

N
L

AC Power
100-240VAC