

# DALI 0/1-10V Dimmer

- 1 DALI address, 1 channel 0/1-10V output.
- Powered by DALI bus.
- 10A current dry mains rated relay output contact relay output.
- 0-10V or 1-10V output selectable.
- In accordance with DALI standard protocol IEC 62386-101, IEC 62386-102, IEC 62386-206 and in compliance with DALI products from other international incorporation.
- Compliant DALI device type 5.

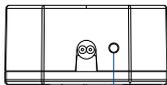


CE RoHS

## Technical Parameters

Input and Output		Dimming data		Safety and EMC	
Power input	DALI bus	Dimming range	0 -100%	EMC standard	EN IEC 55015/EN IEC 61547
Output signal	0/1-10V, 20mA	Dimming curve	Linear(default)	Safety standard	EN 61347-1/-2 EN 62493
Max relay load current	10A resistive load 8A incandescent 5A inductive load	<b>Environment</b>		Certification	CE RoHS
Working current	Max. 70mA@16V	Operation temperature	Ta: -30°C ~ +55°C	<b>Package</b>	
Static current	10mA@16V	Case temperature (Max.)	Tc: +60°C	Size	L75 x W 75 x H40mm
<b>Warranty</b>		IP rating	IP20	Gross weight	0.08Kg
Warranty	5 years				

## Mechanical Structures and Installations



Set button

Set button (on the side)

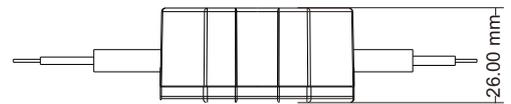
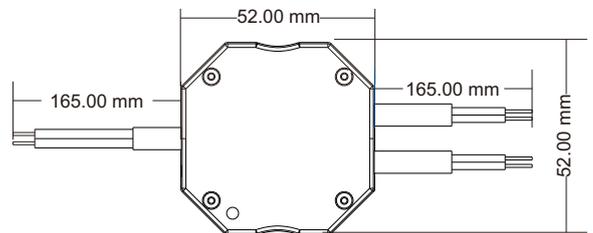
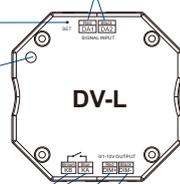
LED indicator

DALI signal and power input, no need distinguish plus-minus polarity

Dry contact output

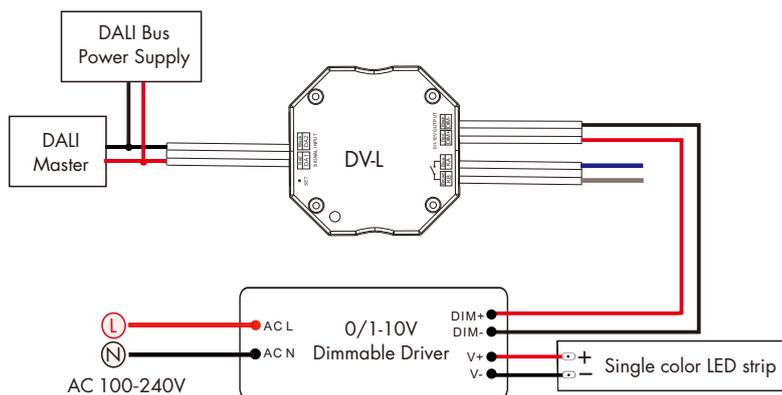
0/1-10V signal output +

0/1-10V signal output -

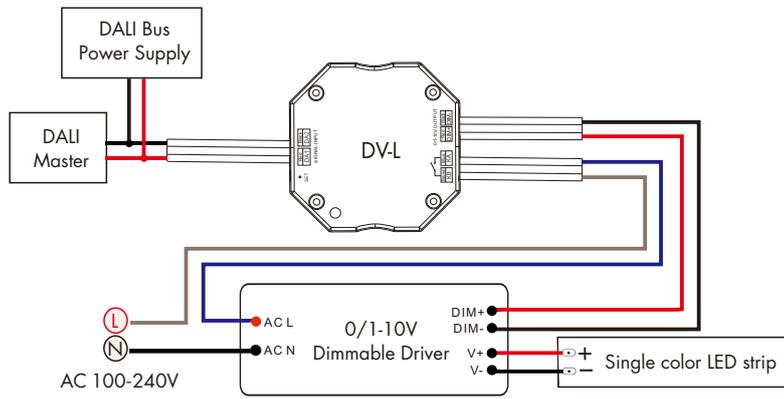


## Wiring Diagram

- Connect with 0/1-10V dimming driver (no use dry contact output)



- Connect with 0/1-10V dimming driver (use dry contact output)



**Note:**

We recommend the number of LED drivers connected to 0/1-10V dimmer does not exceed 20 pieces, The maximum length of the wires from dimmer to LED driver should be no more than 50 meters.

**Operation**

**Set 0/1-10V output mode**

Within 3s of power-up, press and hold the set button for 5s to switch between 0-10V or 1-10V output type:

When LED flash once, output 0-10V signal.

When LED flash twice, output 1-10V signal.

**ON/OFF and dimming by set button**

After 3s of power-up, short press the set button to turn on/off the relay and 0/1-10V signal.

Press and hold the set button 1-6s to adjust 0/1-10V output signal level, namely adjust the light brightness.

**DALI address assigned by DALI masters**

DALI address can be assigned by DALI Master controller automatically.

Please refer to user manuals of compatible DALI Masters for specific operations.