

USE Specification

1. Overview

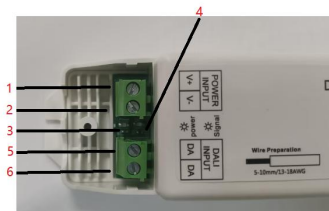
DALI (Digital Addressable Lighting Interface) is an international standard, popular lighting control protocol bus, with digital addressable dimming, stability, dimming methods, easy to install, and major manufacturers of protocol compatibility and other characteristics.

DALI-4-way constant voltage LED controller in line with IEC 62386, with four DALI address, and four channels work independently, four DALI address is automatically assigned by the DALI host, the four addresses are continuous, with overload protection (overloaded to 8A each way, the load flashes three times will be extinguished, to deal with the load problem and then re-powered to work).

2. Technical Parameters

- 2.1 Power supply: DC12-24V
- 2.2 Input signal: Standard DALI signal
- 2.3 Output current: 4*4A DC12-24V
- 2.4 External dimensions: L189 * W40 * H32mm
- 2.5 Package size: L195mm×W45mm×H40mm
- 2.6 Working temperature: -20-60 °C

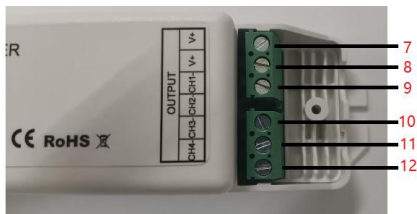
3. Interface Description:



- ① is the power input positive terminal;
- ② is the power input negative terminal;
- ③ is the power indicator;
- ④ is the signal indicator;
- ⑤ and ⑥ connected to the DALI bus (no positive or negative);



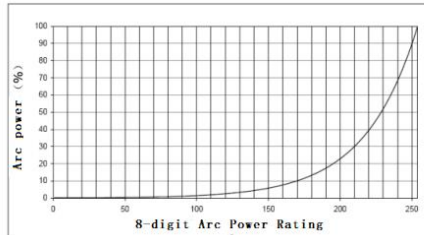
DALI-4-way constant voltage LED controller



- ⑦ and ⑧ are load output positives;
- ⑨ is channel one;
- ⑩ is channel two;
- ⑪ is channel three;
- ⑫ is channel four.

4.Instructions for use:

1、dimming range 0-100%, according to the dimming logarithmic curve dimming, as follows (because of the dimming logarithmic curve, so different light bars will appear different situations, the general situation of the arc power level of 80 upwards plus the brightness of the light bar changes will be obvious);



2、Red Indicator: Power Indicator, always on means the internal switching power supply is working normally.

3、Green Indicator: Signal Indicator, normally lit means there is DALI power signal input, flashing means there is a command from the host computer.

4、DALI automatically assigns addresses to the four channels consecutively.

5.When the circuit is overloaded, the load light will blink three times and then go out, and you have to deal with the overload problem and then re-power up the circuit to work normally.

5.typical application

