

DL812 DALI Repeater

Product Specification



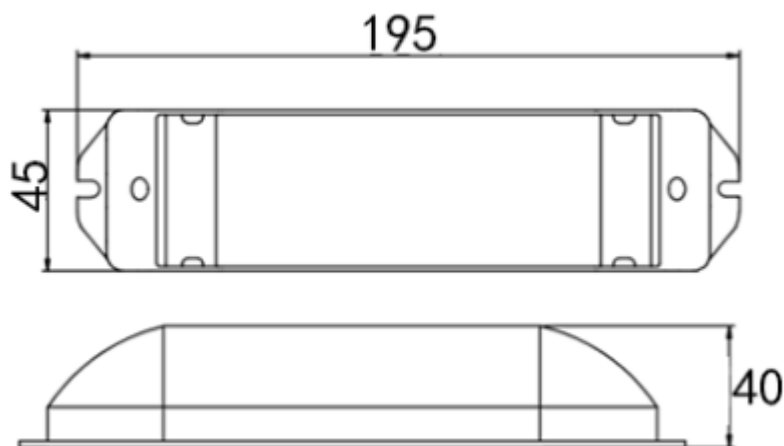
1. Summarization

DALI repeater adopts advanced micro-control chip, This product can enhance the DALI signal, extend the transmission distance of the DALI signal, and extend the transmission distance of the DALI signal from 300m to 600m. It can be used to establish a new type of DALI network.

2. Technical parameters

- 2.1 Working temperature: AC100-240V
- 2.2 Input signal: standard Dali Signal
- 2.3 Output signal: standard Dali Signal
- 2.4 Input current: $\leq 3\text{mA}$
- 2.5 Output current: $\leq 200\text{mA}$
- 2.6 External dimension: L189 * W40 * H32mm
- 2.7 Packing size: L195mm×W45mm×H40mm
- 2.8 Working temperature: -20-60 °C

3. External dimension:



4. Interface instruction:



3.1 Input Interface

Power input: ① ACL: FireWire ② CAN: Zero line

Signal input: ③DA ④DA DALI signal input



3.2 Output Interface

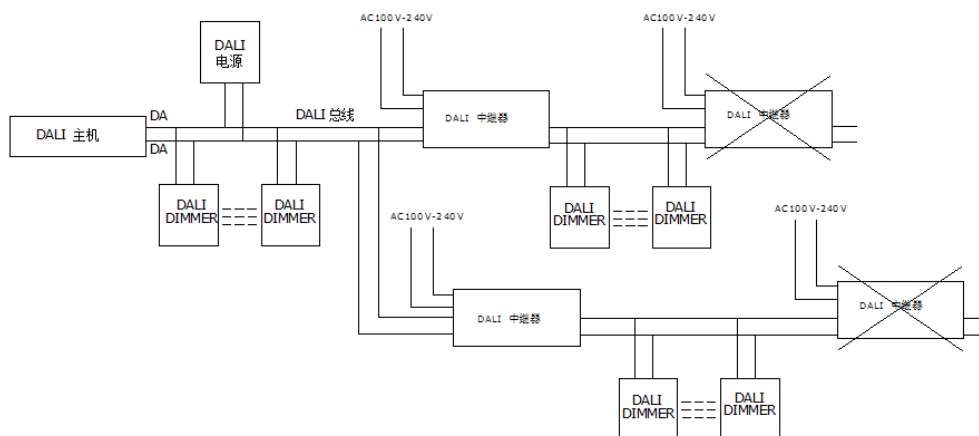
Signal output: ① DA1 ② DA2: DALI signal Output

5.Direction for use:

- 1、 this product can supply DC17V power,The output signal terminal does not need to be equipped with an additional DALI power supply device.
- 2、 Connect the input signal line first, then the output signal line, and finally the power line; make sure that there is no short circuit between the connecting lines before powering on.
- 3、 Red indicator light: Power indicator, always on means that the internal switching power supply is working normally.
- 4、 Green indicator light: signal indicator light, always on means there is signal input, flashing means communication is normal.
- 5、 Due to signal delay, multiple DALI signal repeaters cannot be connected in one line.
- 6、 64 DALI addresses can be set in the DALI bus, the maximum number of control devices of the original DALI bus remains unchanged.

6.Typical application

Single console:



Multi-console:

