



Dinam LED Limited, Dynamic lighting for colorful life

PRODUCTS SPECIFICATION

DALI LED DIMMER

FOR DN-DLCV-0-10V



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Model: DN-DLCV-0-10V

Photo:



Summarization

DALI (Digital Addressable Lighting Interface) is an international standard, popular lighting control protocol BUS, With digital addressing dimming, stable, various dimming ways, easy to install, compatible with many big factories such characteristic.

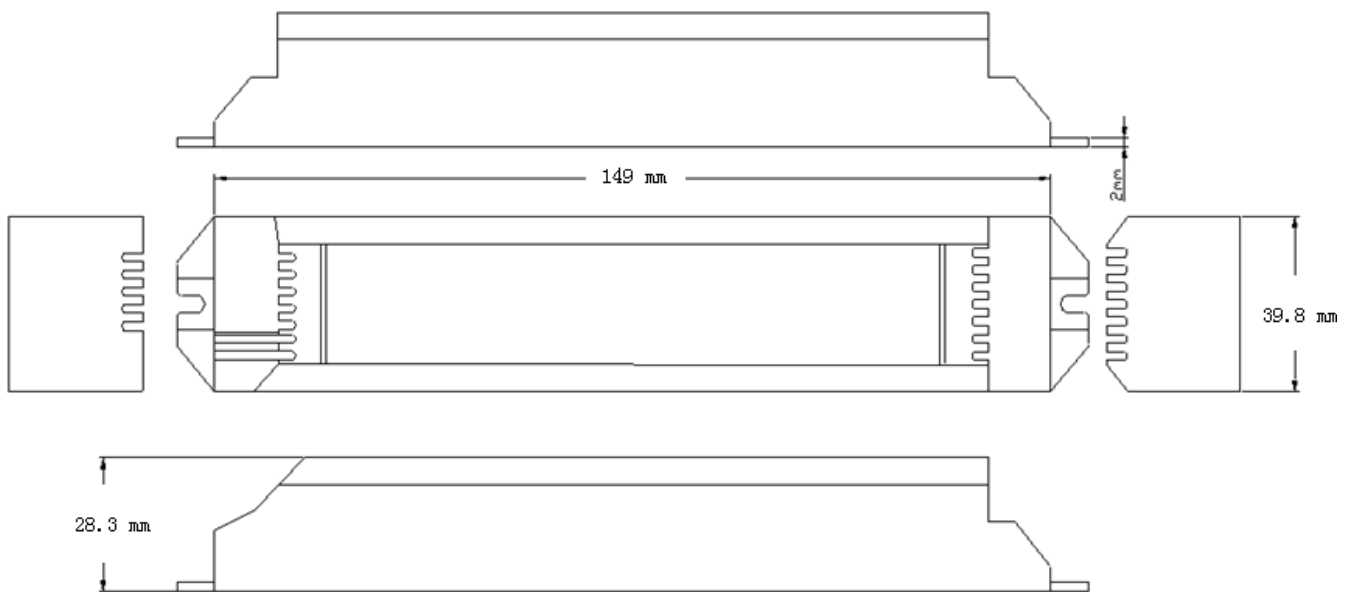
This product adopt to standard DALI dimming signal transform 0/1-10V dimming signal. Adopt protocol standard is IEC62386. Compared with traditional led dimming way, have a wide range of dimming, various dimming way, high precision dimming, can inquire the state of lamps(such as current brightness, power intensity, the minimum support brightness, address, etc.), digital control such characteristic.

Technical parameters

- Supply voltage: AC85V-255V
- Load output: 1 channel 0V-10V or 1V-10V signal output
- Dimming signal: DALI (IEC62386)
- Signal port current: <2mA
- Signal segregate voltage: 4KV
- Dimmer range: 0.1%-100%
- Working temperature: -20-60 °C
- Gross weight: 99g
- Net weight: 70g
- External dimension: L149mmxW40mmxH28mm
- Packing size: L150mmxW55mmxH50mm
- Connect way: spring type from screw the wiring way, terminal blocks diameter 2.6 mm

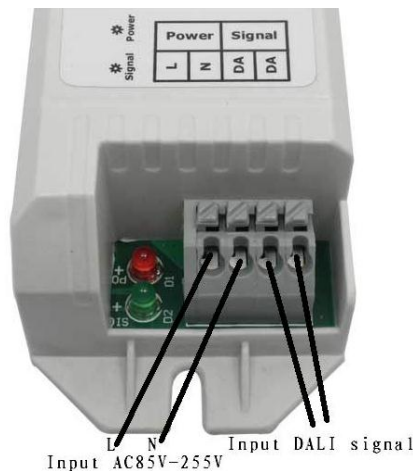
Function feature

- Can with a whole and grouping dimming, addressing dimming.
- Can through the default scene to dimming.
- Can flexible configuration dimming parameters.
- Can inquire dimming parameter of dimmer.
- Parameter memory function.
- Have international standard, can be compatible with different factory manufacture DALI equipment.
- Signal line regardless of pole, do not need routing alone, easy to install.

External Dimension:

Interface Specifications:

Power supply input and DALI signal output port:



0/1V-10V signal output port:



Direction for use:

1. Connect the load wire first, follow the power wire; **Please ensure short circuit can not occur between connecting wire before you turn on the power;**
2. This product use protocol standard is IEC62386, through accept DALI host machine send order. Can realize output signal voltage range and dimming curved to choose. Follow is order choose way.
 - A. Choose 0V-10V output, dimming curved choose linear dimming.
Controller output voltage range is 0-10V, voltage successive from low to high or from high to low curved linear.
 - B. Choose 1V-10V output, dimming curved choose linear dimming.
Controller output voltage range is 1-10V, voltage successive from low to high or from high to low curved linear.
 - C. Choose 0V-10V output, dimming curved choose logarithmic dimming.

Controller output voltage range is 0-10V, voltage successive from low to high or from high to low curved logarithmic.

D. Choose 1V-10V output, dimming curved choose logarithmic dimming.

Controller output voltage range is 1-10V, voltage successive from low to high or from high to low curved logarithmic.

3. Output signal voltage range and dimming curved setting inquire order as follow:

Command number	Command code	Command name
224	YAAA AAA1 1110 0000	Set output range 1-10V
225	YAAA AAA1 1110 0001	Set output range 0-10V
229	YAAA AAA1 1110 0101	Choose dimming curved
238	YAAA AAA1 1110 1110	Inquire dimming curved
241	YAAA AAA1 1111 0010	Inquire output state

Typical Application

