Product Specifications

NAME: Rail DALI turn to 0-10V dimmer
MODEL: LD1130068



Summarization

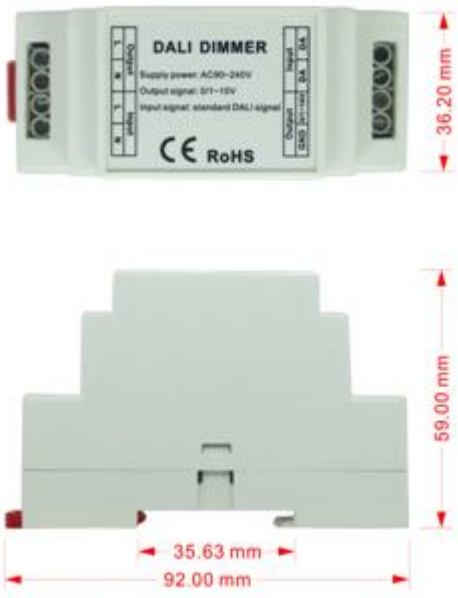
DALI (Digital Addressable Lighting Interface) is an international standard , popular lighting control protocol, With digital addressing dimming, stable, various dimming ways, easy to install, compatible with many big factories such characteristic.

This product adopts a standard DALI dimming signal to 0-10V dimming signal, dimming using standard IEC62386. LED dimming with the traditional way of comparison , with adjustable light a wide range of diverse dimming, dimming of high precision, check the current status LED (for example current brightness, power intensity , the minimum support brightness, address, ect),easy distributed control and so on.

Technical parameters

Supply voltage: AC90V-240V
Load output: one channel 0V-10V or 1V-10V signal output
Dimming signal: DALI (IEC62386)
Signal interface current: <2mA
Dimming range: 0.1%-100%
Working temperature: -20-60℃
Gross weight: 104g
Net weight: 85g
External dimension: L92mm * W36.2mm * H59 mm
Packing size: L100mm * W45mm * H67mm
Relay output maximum current: 5A

External Dimension:



Interface Specifications:



①、②Power input and relay output interface: ① is relay output interface, it can supply input power of 0/1-10V dimmer, to solve the problem that can not completely turn off the light; ② is the power input interface of controller.

③、④DALI signal input and 0/1V-10V signal output interface: ③ is DALI signal interface; ④ is 0/1-10V output interface.

Direction for use

1. Connect the load wire at first, following by the power wire; Please ensure short circuit can not occur between connecting wire before you turn on the power

2. This product use the protocol standard is IEC62386, through accept the orders sent by DALI host. It can realize to choose the output signal voltage range and dimming curve. The following is order choosing way:

A. Choose 0V-10V output, dimming curved choose linear dimming.

Controller output voltage range is 0-10V. Voltage is 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 is 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

