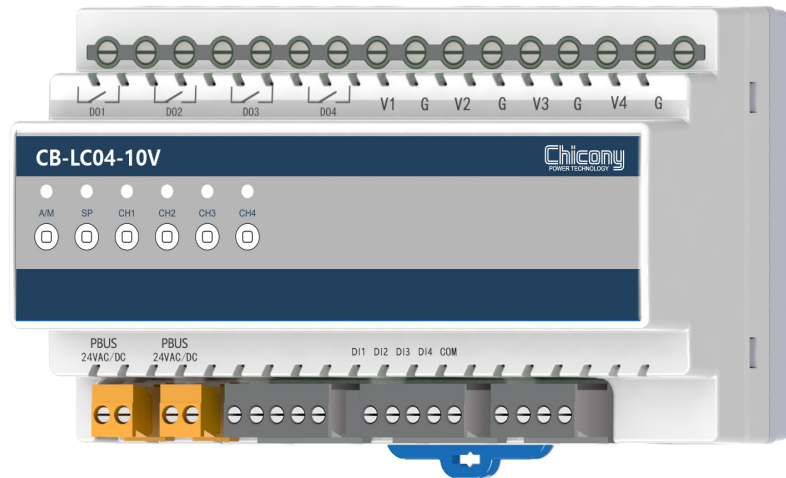


CB-LC04-10V

Dimming Control Module



CB-LC04-10V is one of the dimming control modules in the CB series which is widely used in the field of intelligent lighting, smart homes, and room control. It is equipped with 4 channels of digital input function and 4 channels of 0 to 10V analog quantity output (0Vrelay disconnection); the digital input can receive signals of switches, alarm devices, and infrared sensors, etc. or receive the signals of the traditional light switches to execute the systematic linkage control by transferring the external signals to bus signals. The analog quantity output can be connected to equipment such as the dimmers with 0 to 10V input.

Product Model Table

Model	Power	Digital input	Relay Output	Analog quantity output	Pyxos	Consumption
CB-LC04-10V	P bus link power supply	4	4	4	1	45mA@24V

Technical Parameters

No.	Item	Parameter	No.	Item	Parameter
1	Consumption	45mA@24V	6	Operating temperature	-10 to 50 °C
2	Power	P bus link power supply	7	Storage temperature and humidity	Normal temperature and 0%-95%RH without condensation
3	Switching value input	4 Channels for the passive dry contact	8	Dimensions	162mm(W) x 95mm(H) x 64mm(D)
4	Relay output	4 Channels of 20A latching relays (linkage with analog quantity output)	9	Material of cover	ABS engineering plastic
5	Analog quantity output	4 Channels of 0 to 10VDC	10	Installation method	35mm standard DIN-rail mounting

Installation Description

Please follow the instructions defining the terminal block pins on the equipment cover for wiring. The definition of the terminal block pins is shown in the following table. Please disconnect the circuit to prevent electric shock before wiring. Check whether the power supply is within the range of the required voltage before supplying the power for the equipment. The power supply shall not exceed this range, otherwise the module may burn. The installation and placement of the dimming control module shall avoid direct exposure of sunlight and be protected against moisture and rain.

CB-LC04 Wiring Pin Definition Table

Name	Marking	Description
Digital input	DI1 to DI4	1 to 4 Channels for digital input
	COM	Public port for digital input
Relay output	DO1 to DO4	1 to 4 Channels (linkage with analog quantity output)
Analog quantity output	V1 to V4	1 to 4 Channels of analog quantity output
PBUS	24VAC/DC	Pyxos bus port

Dimensions and Wiring Diagram

