

# CB-4FD-10A

## Dimming Control Module



CB-4FD-10A 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 provides the dimming output function by 4 channels of 10A front silicon controlled rectifier and can connect resistive load or incandescent lamp, halogen lamp, and forward controllable electronic transformer, etc.

### Product Model Table

Model	Power	Digital input	Dimming output of silicon controlled rectifier	Pyxos	Consumption
CB-4FD-10A	P bus link power supply	-	4	1	20mA@24V

### Technical Parameters

No.	Item	Parameter	No.	Item	Parameter
1	Consumption	20mA@24V	6	Storage temperature and humidity	Normal temperature and 0%-95%RH without condensation
2	Power	P bus link power supply	7	Dimensions	305mm(W) x 185mm(H) x 105mm(D)
3	Silicon controlled rectifier dimming	10A single-way	8	Material of cover	Metal cover
4	Digital input	-	9	Installation method	Wall mounted
5	Operating temperature	-10 to 50°C			

## 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-4FD-10A Wiring Pin Definition Table**

Name	Marking	Description
PBUS	24VAC/DC	Pyxos bus port
Dimming power input	L1 to L4	1 to 4 Input channels of dimming load power
Dimming power output	T1 to T4	1 to 4 Output channels of dimming load power
N	Naught wire	Naught wire terminal for 220VAC power supply
L	Live wire	Live wire terminal for 220VAC power supply

## Dimensions and Wiring Diagram

