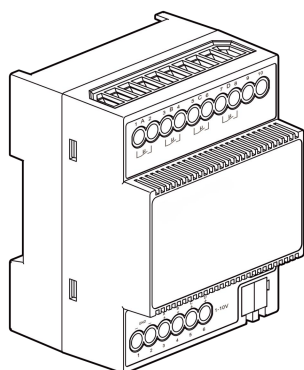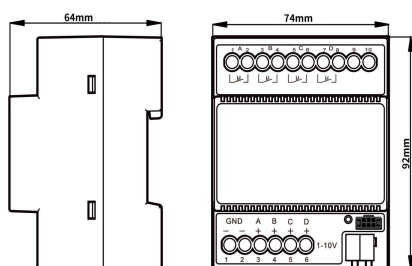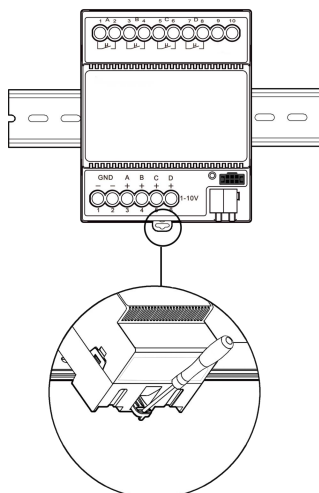# BCK-PLDF-0416
4-channel 1-10V dimming module

Description

The 4-channel 1-10V dimming module is a modular installation device designed to be mounted on a standard 35mm DIN rail. It utilizes the standard 1-10V dimming control method. The device is equipped with bypass switch relays, allowing each channel to be independently dimmed and switched.
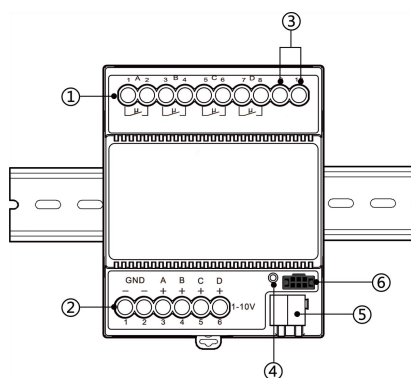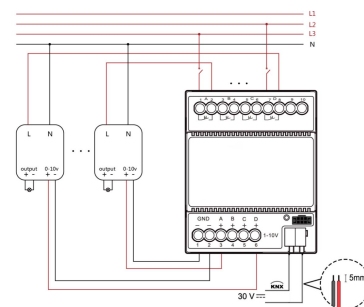
Dimensions

Installation Instructions

1. Pull down the clip
2. Secure the device onto the DIN 35mm rail
3. Push the clip back to firmly fix the module onto the DIN 35mm rail

⚠ Warning：Do not use excessive force to pull down the clip, as this may easily damage it

⚠ During installation and removal, ensure the device is powered off

Interface Description

1. Device Port
2. 1-10V output Port
3. Reserved Port
4. Programming button / Light
5. KNX Port
6. Upgrade port

Connection

1. Separate the KNX cable, strip 5mm of insulation from the red and black KNX signal wires respectively, insert the red wire into the red section of the terminal, and insert the black wire into the black section of the terminal.
2. Press the device reset button,when the indicator light stays solid red, it indicates the power is in reset mode. At this point, the bus is powered off (default reset duration is 30 seconds).

❶ Note: Ensure that the KNX red and black wires are correctly connected before powering on.

Technical Specifications

- Rated current: 10A
- Rated voltage: 230V AC
- KNX operating voltage: 30V DC
- KNX operating current: ≤10mA
- Incandescent lamp 230V AC: 2300W
- Halogen lamp 230V AC: 2300W
- LED lamp 230V AC: 200W
- Operating temperature: -5℃ ~ +45℃
- Operating humidity: 5% ~ 95% RH
- Mounting method: 35mm DIN rail