BCK-PLDF-4TR2
4-Channel Dimming Module

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

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.
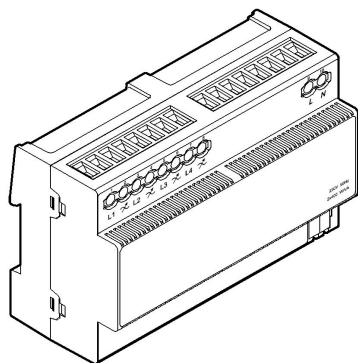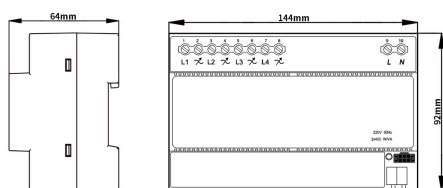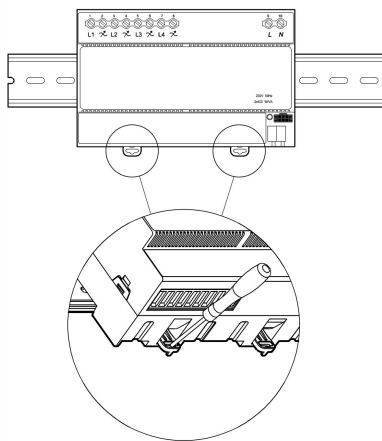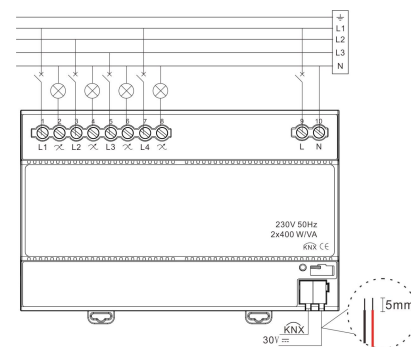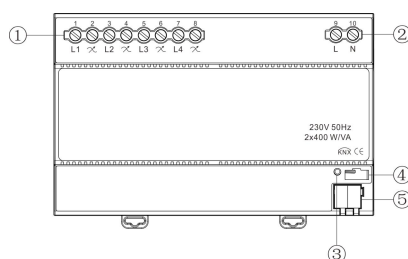
Description

The 4-channel universal dimming module is used to control dimming for resistive loads such as incandescent and halogen lamps, or for LED lamps compatible with TRIAC (leading-edge phase-cut) dimming. Each channel can be simultaneously called by 6 different 8-bit scenes.

Dimensions

Interface Description

1. Load Port
2. Power Input Port (220VAC)
3. Programming Button / Light
4. Upgrade Port
5. KNX Port

Technical Specifications

- Rated Voltage: 230VAC
- KNX Voltage: 30VDC
- KNX Current: ≤10mA
- Incandescent Lamp 230VAC: 400VA
- Halogen Lamp 230VAC: 400VA
- LED Lamp 230VAC: 40VA
- Minimum Supported Load : 20W
- Operating Temperature: -5℃ to +45℃
- Operating Humidity: 5% to 95%RH