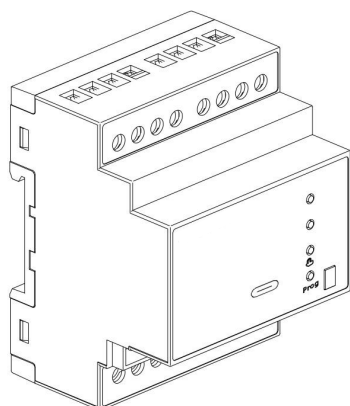


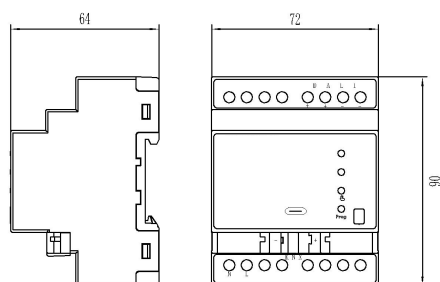
BCK-CGWB-DA01 DALI Gateway



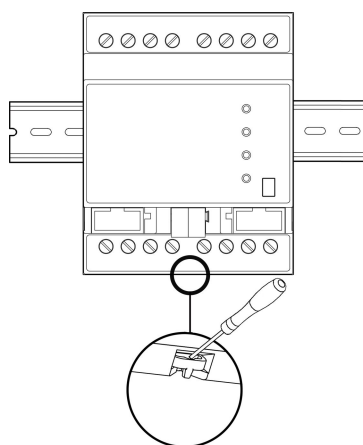
Description

The DALI gateway is a device that converts signals from the KNX bus into DALI signals. These signals contain the address and command for DALI devices and are transmitted onto the DALI bus to enable control of DALI luminaires. It supports multiple control functions for DALI luminaires, including on/off switching, dimming, color temperature adjustment, and scene control. The gateway supports simultaneous connection of up to 64 DALI device addresses and requires a 220V AC power supply.

Dimensions

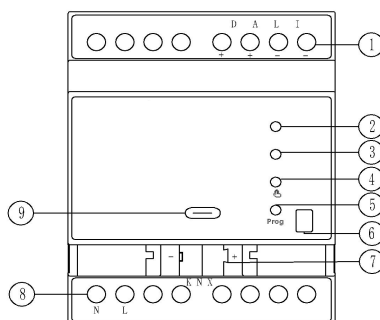


Installation Instructions



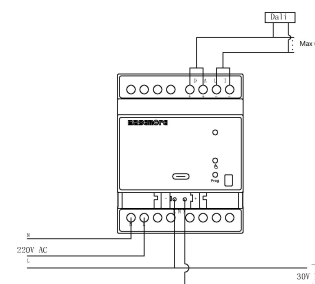
1. Pull down the clip
2. Secure the device onto the DIN 35mm rail
3. Push the clip back to firmly fix the module onto the DIN 35mm rail

Interface Description

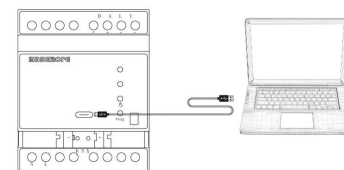


1. DALI Port
2. Manual mode light
3. KNX programming light
4. Manual mode button
5. KNX programming button
6. Upgrade port
7. KNX port
8. 220V power port
9. Type-C

Connection



1. Connect the 220V AC power wires to the module's "N" and "L" terminals respectively.
2. Strip the KNX cable, and strip 5mm of insulation from the red and black KNX signal wires. Insert the red wire into the red section of the terminal, and the black wire into the black section of the terminal.
3. Connect the DALI signal wires to the DALI "+" and "-" terminals respectively.
4. Press the device programming button; when the indicator light remains steadily red, it indicates the device is in programming-ready state.



1. Prepare a USB Type-C data cable.
 2. Plug the Type-C connector into the DALI gateway.
 3. Simultaneously, plug the USB connector into your computer.
- ⚠ Note: When debugging via KNX, the USB cable must be disconnected, otherwise, it will not be able to control the device.

Technical Specifications

- KNX voltage: 30V DC
- KNX current: ≤10mA
- Auxiliary voltage: 220V AC
- DALI bus voltage: 16~18V
- Supported DALI devices: ≤64
- Operating temperature: -5°C ~ +45°C
- Operating humidity: 5% ~ 95% RH
- Installation method: Standard DIN rail
- Dimensions (H × W × D): 90 × 72 × 64 mm
- Mounting modules: 4P