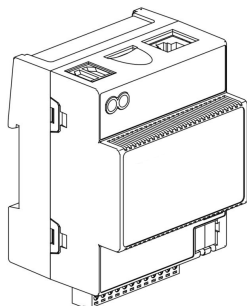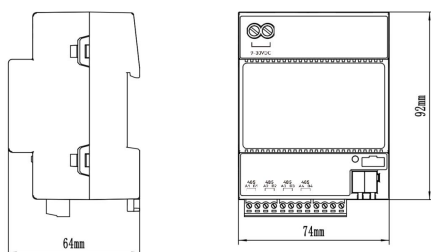# BCK-CTRB-T200
Main module

Description

This is a main module, integrating the KNX communication system and capable of interfacing with third-party protocol systems such as TCP/IP, RS-232, and RS-485. Enables remote control and management of intelligent systems, as well as integrated control of HVAC and audiovisual systems.
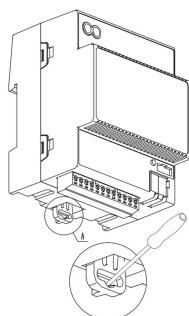
- Supports integration with smart speakers such as Xiaomi
- Supports remote and local network control via smartphones/tablets
- Supports editing and scheduled storage of scenes and logic
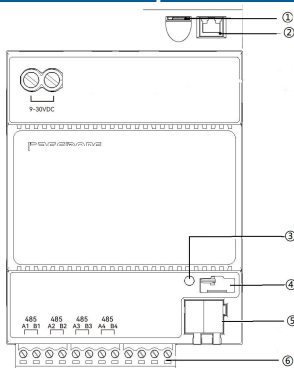
Dimensions

64mm   74mm   92mm

Installation Instructions

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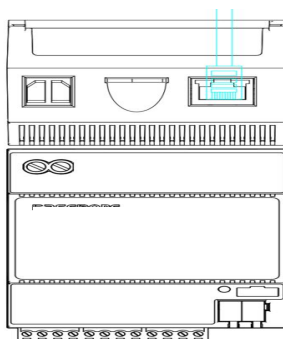3. Push the clip back to firmly fix the module onto the DIN 35mm rail

Interface Description

1. Software upgrade port
2. RJ45 Ethernet port
3. Reset button / status light
4. Upgrade port
5. KNX Port
6. RS485/RS232 Port

Connection

1. Ensure the device is not powered on.
2. After confirming that the Ethernet cable is connected to the router or switch, plug it into the module's network port.
3. Connect the power adapter (24V DC).
4. Strip the KNX cable, and separately 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.
5. After verifying all wiring is correct, power on the 24V DC supply. The device's green indicator light will blink at intervals, indicating successful startup.

   ❶ Note: If the device IP address is set to obtain dynamically, you must connect to the network before powering on the device.

Technical Specifications

- KNX voltage: 30V DC
- KNX current: ≤10mA
- Auxiliary voltage: 24V DC
- Auxiliary current: 100mA
- Inrush current: 500mA
- Ports: KNX, TCP/IP, RS485, RS232
- Operating temperature: -5℃ ~ +45℃
- Operating humidity: 5% ~ 95% RH
- Mounting modules: 4P
- Installation method: 35mm DIN rail
- Dimensions (H × W × D): 92 × 74 × 64 mm

Restore settings

To restore factory settings, press and hold the Reset button for 10 seconds. The device will restart, and once the indicator light resumes normal blinking, it indicates that the device has been successfully reset to factory default mode.

Device settings

1. The IP address in factory default state is (192.168.199.158)
2. To modify the static IP address and IP address assignment method via the web configuration page, follow these steps: First, connect the master control module to your computer using an Ethernet cable, and set your computer's IP address to 192.168.199.N (i.e., configure the computer's IP address within the same subnet as the host device; fill in the subnet mask and default gateway according to your actual network environment).
   Then, open a web browser on your computer and enter http://192.168.199.158 to access the management login page. The default username and password are both "admin".

   ❶ Note: If forget the modified IP address, you can restore it to the default static IP address by pressing and holding the Reset button for more than 10 seconds.