Temperature Control Panel

With 4-Button (KNX)

Product Introduction

This temperature control panel features advanced technology with multiple control modes for air conditioning, underfloor heating, and ventilation. The LCD screen provides clear, real-time indoor data, giving users instant insight into their home environment. Users can also link and control specific functions based on their individual needs and preferences, making it adaptable to diverse living and working scenarios.

Features

- Multi-mode control for AC, ventilation, and underfloor heating

- Customizable temperature control display content

- Real-time environmental data display

- Support switch, dimming, color tuning, and blinds control with actuator

- Scene recall and storage

- Delayed transmission of values

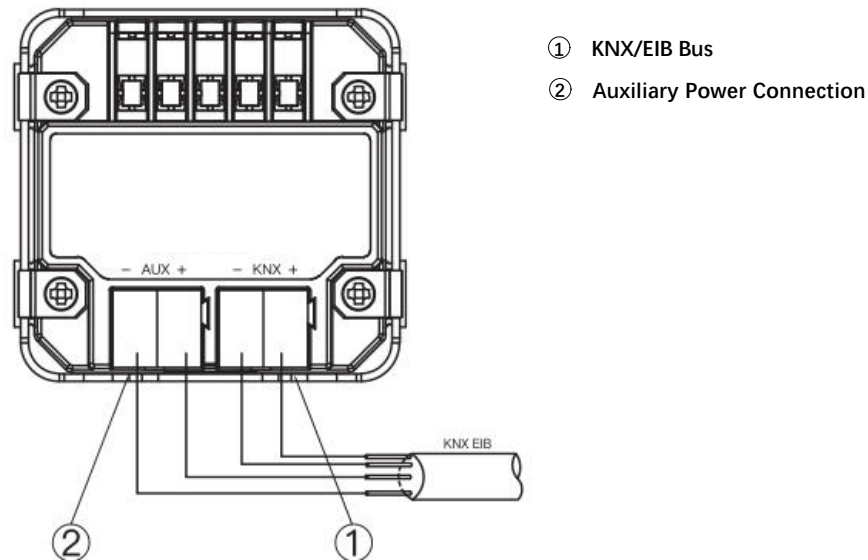- Multi-functional button operation

Specification

- Product Model: KXTC-B1B4-EU

- Bus Voltage: 21 ~ 30V DC

- Bus Current: <12mA

- Bus Consumption: <360mW

- Auxiliary Voltage: 21 ~ 30VDC

- Auxiliary Current: <33mA (30V DC)
  < 45mA(24V DC)

- Auxiliary Consumption: <1W

- Connection Method: EIB/KNX

- Temperature Setting Range: 16 ~ 30°C

- Temperature Display Accuracy: ±0.1°C

- Humidity Display Range: 0 ~ 100%

- Protection Level: IP20

- Working temperature: -5 ~ 45°C

- Working humidity: 0 ~ 93%RH (non-condensing)

- Installation: Standard 60mm installation box

- Connection: Bus/Aux connection terminals (diameter 0.8mm)

- Dimensions: 86×86×38.2mm

- Weight: 0.13kg

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Wiring Diagram

① KNX/EIB Bus

② Auxiliary Power Connection

Installation Instructions

This device is suitable for installation in a standard 60 square box. The depth of the junction box should be at least 50mm, and 70mm is recommended based on the actual wiring connections. During installation, it must be ensured that the device is correctly operated, tested, inspected, maintained, and repaired.