Temperature Control Panel With 4-Button (KNX)

Datasheet

Premium Add-on device for your home

The temperature control panel adopts advanced technology and integrates various control modes such as air conditioning, floor heating, and fresh air. The LCD display can show key information such as indoor environmental data in real time, allowing the user to easily understand the environment status. Users can also customize the control of functions according to their specific needs and preferences, making it perfectly adapt to different living and working scenarios. The temperature control panel is an indispensable part of smart homes, providing users with an unprecedented temperature control experience.

Features

- Support multiple mode switching to control air conditioning, fresh air, underfloor heating, etc.
- Customizable temperature control interactive screen content
- Real-time display of environmental data
- Matched with actuators to achieve functions such as switch on/off, dimming, color adjustment, and blinds control
- Call and store scene functions
- Delayed sending of values (such as switch values, dimming values)
- Support multiple operations for a single button press

Specification

- Model: KXTC-B1B8-EU
- Bus voltage,EIB: 21 ~ 30V DC
- Quiescent current: <12mA
- Static power consumption, EIB: <360mW
- Auxiliary power supply: 21 ~ 30V DC
- Auxiliary power supply current: <33mA (30V DC)
- Auxiliary power consumption: <1W
- Connection method: EIB/KNX
- Protection level: IP 20
- Temperature setting range: 16 ~ 30°C

- Temperature display precision: ±0.1°C
- Humidity display range: 0 ~ 100%
- Operating temperature: -5 ~ 45°C
- Storage temperature: -25 ~ 55°C
- Transport temperature: -25 ~ 70°C
- Operating humidity: 0 ~ 93%RH, non-condensing
- Design: Embedded installation
- Installation: Standard 60mm mounting box
- Dimensions: 86×139×38.2mm
- Weight: 0.13kg

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Wiring Diagram



 KNX/EIB bus connection terminal
Auxiliary power supply connection terminal

Installation Notes

This unit is suitable for installation in a conventional 60 square box. The depth of the junction box is at least 50mm. Where panels are available, 70mm is recommended, depending on the actual wiring connections. The installation must be carried out in such a way that the equipment is operated, tested, inspected, maintained and repaired correctly.



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