Product Introduction

This smart thermostat is designed for electric heating systems, powered by AC with a high-precision temperature sensor. It monitors and adjusts the indoor temperature in real time, ensuring it aligns with user-set values. Through Zigbee wireless technology, it seamlessly connects to a smart home gateway, enabling easy integration with other devices for effortless temperature control.
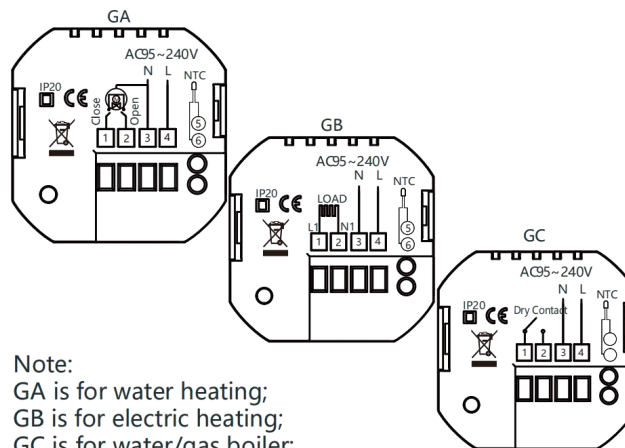
Features

- **Electric heating devices control**
- **LED LCD display**
- **Accurate temperature regulation (±0.5°C)**
- **Wide voltage range**
- **Support control via app and HyPanel devices**

Specification

- Product model: BHT-006-GBZB
- Communication method: Zigbee
- Input power: 95 ~ 240VAC 50/60Hz
- Current load: Max 16A
- Temperature control accuracy: ±0.5℃
- Temperature control range: 5 ~ 35℃
- Self-consumption power: <1.5W

- Temperature sensor: NTC3950, 10K
- Housing material: PC+ABS (Flame resistant)
- Dimensions: 86×86×41.8mm
- Operating temperature: 0 ~ 45℃
- Operating humidity: 5 ~ 95%RH (Non-condensing)
- Protection grade: IP20
- Installation: 60mm mounting box

Wiring Diagram

Note:
GA is for water heating;
GB is for electric heating;
GC is for water/gas boiler;
NTC and Modbus is optional.

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Networking method

1. Ensure proper wiring and power up the device.
2. Tap ⊘ to enter screen-off mode.
3. Press and hold the ⩔ button for 10 seconds until the 🛜 icon appears and flashes, indicating the device has entered pairing mode.
4. Add to the network through the gateway device.

Product Dimension Diagram (mm)

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Wiring Diagram

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