

Three-in-one thermostat switch specification

Applicable Model:

Three-in-one thermostat control panel (T10S)

International standard home and building control system

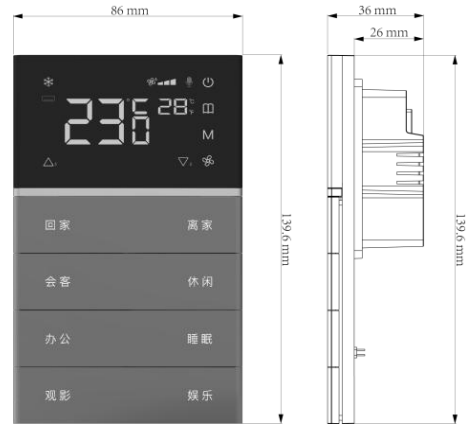
Product Features

- Air Conditioning Mode
- Floor heating mode
- Fresh air mode
- Switch Actuator Control
- Real-time temperature, humidity, CO2 and other sensor data acquisition display and linkage operation
- 8-key multi-function key control and indicator light status display
- Offline voice function, customizable linkage bus device
- Proximity sensing function can be linked to panel indicators and bus devices control
- The panel supports the modification of the button feedback response method including vibration and beep

Technical Parameter

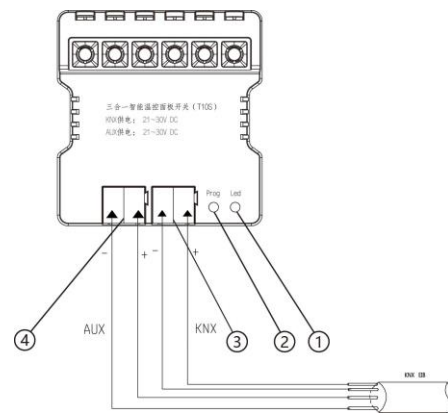
Power source	Bus voltage, EIB	21~30V DC, obtained through EIB bus
	Quiescent current, EIB	<12mA
	Static power consumption, EIB	<360mW
Auxiliary power	Auxiliary power supply	21~30V DC
	Current drawn by auxiliary power	<50mA (30V DC)
	Auxiliary power consumption	<1.5W
Connection	EIB/KNX	Bus connection terminal connection (red/black)
Operation and instructions	program button	Used for device programming physical address and diagnostics
	color indicator	Instructs the device to enter programming mode
	color indicator	Instructs the device to enter run mode
Protection class	Protection class	IP 20
Temperature setting range	Temperature setting range	16°C-30°C
Temperature display accuracy	Temperature display accuracy	±0.1°C
Humidity display range	Humidity display range	0-99%
Temperature range	run	- 5°C...+45°C
	storage	- 25°C...+55°C
	transportation	- 25°C...+70°C
environmental conditions	maximum air humidity	<93%, except condensation
Design	Assume count	Flush Mount Equipment
Installation	Installation	Mounts in standard 86 box

Dimensions



Model	Size	Weight
3-in-1 temperature control panel (T10S)	86x139.6x35mm	0.3kg

Wiring Diagram



- ① Program running LED
- ② Program button
- ③ KNX/EIB bus connection terminal
- ④ Auxiliary power supply connection terminal

Installation Notes

This device is suitable for installation in a traditional 86-box. The depth of the junction box is at least 50mm, and 70mm is recommended when there is a panel, which is related to the actual wiring connection. Installation must ensure that the equipment is operated, tested, inspected, maintained and repaired correctly.

Main Tips

- Installation and commissioning of equipment should only be performed by qualified and skilled electricians. The relevant standards, directives, rules and directives are strictly enforced during the planning and implementation of electrical installations.
- The device needs to be protected from moisture, dirt and damage during transportation, storage and use.
 - Do not operate the device outside of specified specifications (eg, temperature range).
 - The device may only be operated in a closed environment (eg junction box).

When the equipment is dirty, only use a dry cloth to clean it. If this is not enough to clean, you can use a damp cloth with a little soap solution to gently wipe. Never use alkaline agents or corrosive solvents.