

MOES ZHT-SR-GB ZigBee Thermostat for Electric Heating



Model: ZHT-SR-GB-WH-MS

Manufacturer: MOES

EAN: 6974246478517

Product Code: 917520

R1,958

MOES ZHT-SR-GB ZigBee Thermostat for Electric Heating

The MOES Smart Star Series ZHT-SR-GB is a ZigBee 3.0 thermostat designed to control electric heating, combining precise temperature control with convenient remote operation. It supports a temperature range of 5 to 35°C with an accuracy of $\pm 1^\circ\text{C}$, and thanks to its 95–240 VAC power supply and higher current load of up to 16 A, it is well-suited for electrical installations. A convenient backlit knob and an easy-to-read interface make operation simple, and ZigBee connectivity (gateway required) enables integration with a smart home.

Precise temperature control and stable operation

The thermostat uses an NTC3950 (10K) sensor, which ensures accurate temperature measurement and maintains it at the set level. The room and display temperature range is from 5 to 70°C, allowing

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for a wide range of applications in various conditions. The device operates stably at ambient temperatures ranging from 0 to 45°C and humidity levels of 5–95% RH (non-condensing), and the timer's accuracy of less than 1% ensures precise schedule execution.

Smart control and app integration

Thanks to ZigBee 3.0 support, the thermostat works with the MOES, Tuya Smart, and Smart Life apps, offering full control from your smartphone. Users can remotely change settings, monitor temperature, and create automation scenes tailored to their daily routine. The device sharing feature allows you to manage the temperature together with your household members, enhancing the convenience of using the system.

Voice Control and User-Friendly Operation

The ZHT-SR-GB model works with Amazon Alexa and Google Assistant, allowing you to control the temperature using voice commands. Additionally, the device features capacitive touch buttons and an intuitive dial, enabling you to quickly adjust settings without needing to use your phone. The ring-shaped backlight changes color depending on the operating mode, making the heating status visible at a glance.

Weekly scheduling and safety features

The thermostat offers a 5+1+1 scheduling mode, which allows you to set up to 6 time slots per day, helping you optimize energy consumption and tailor heating to your lifestyle. The parental lock feature protects settings from accidental changes, and the power-failure memory automatically restores previous configurations, eliminating the need to reconfigure the device.

Robust construction and easy installation

The housing, made of fire-resistant PC + ABS material, ensures durability and safe use, and the IP20 protection rating is suitable for standard home conditions. The thermostat is compatible with 86 × 86 mm installation boxes or European 60 mm round boxes, making installation easy.

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Manufacturer	Moes
Model	ZHT-SR-GB
Voltage / Frequency	95 ~ 245 V AC, 50/60 Hz
Load	16 A
Communication Method	ZigBee 3.0
Module Model	ZT3L
Maximum RF Power	+20 dBm
Operating frequency	2.405 ~ 2.480 GHz
ZigBee standard	IEEE 802.15.4
Sensor	NTC3950, 10K
Accuracy	±1°C
Setting temperature range	5 ~ 35°C
Display temperature range	5 ~ 99°C
Storage temperature	0 ~ 45°C
Power consumption	1.5 W
Timer accuracy	1%
Housing material	PC + ABS (fire-resistant)
Protection class	IP20

GPSR Link: https://psr-assets.innpro.pl/smarthome/sg_smarthome_actuators.pdf, Gross weight: 260, Net weight: 200, Box length: 12,50, Box width: 9,00, Box height: 6,50, Information about data generation: <https://dataact.innpro.pl/Moes/6974246478517>

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