

HEATIT Z-TRM6 DC WHITE RAL 9003

Z-Wave thermostat 3A (Dry Contact) 868.4 MHz

Art.no	5430561
GTIN	7071236018988

Dry Contact thermostat.

Heatit Z-TRM6 DC is an electronic thermostat with a potential free relay, designed for boiler control, heat pumps and actuators. The thermostat can be controlled through your Z-Wave network or via the buttons on the front of the thermostat. The thermostat has a user friendly interface.

Heatit Z-TRM6 DC has 3 modes: Heat - Cool and Eco.

The thermostat fits in standard European junction boxes and may be used with most System 55 frames. It has a sturdy metal frame for secure fastening on the junction box. The thermostat has one built-in room temperature sensor. Two additional external temperature sensors may also be connected.

Heatit Z-TRM6 DC allows you to set the power metering value manually.

The thermostat can be set up with multiple associations and can be used as a master thermostat. It can control up to 10 thermostats and 10 external relays E.g wall plugs.

PRODUCT FEATURES

- Z-Wave thermostat
- Internal room sensor
- Floor sensor
- Temperature limiter
- Boiler control and heat pumps
- Control of actuators
- 3 modes: Heat - Cool and Eco
- Hysteresis/PWM
- Temperature calibration
- Open window detection
- External room sensor (wired by cable)
- Supports encryption modes S0, S2 Authenticated Class, S2 Unauthenticated Class
- Relay status icon
- Adjustable display brightness
- Single poled switch
- Lock mode/child lock
- Temperature readout in gateway
- Weekly schedule in gateway
- Manual power metering
- SmartStart
- Firmware update (OTA)

ADDITIONAL INFO

IP Code	IP21
Certification	Reach, RoHS
Warranty international	2 years
Customs number	90321000
Country of origin	CN

IOT / SMART HOME SPECIFIC DATA

Primary IoT Protocol	Z-Wave
Alternate IoT-communication protocols	No alternative communication protocols
Working frequency	Z-Wave - 868.4 MHz (EU)
Z-Wave Chip	Z-Wave 800 chip
Z-Wave encryption mode	S0 S2 Authenticated Class S2 Unauthenticated Class
Min radio frequency range	40m
Push buttons	3
Temperature measurement range	5 to 40°C
Over The Air update (OTA)	Yes

ELECTRO TECHNICAL DATA

Voltage	230VAC 50Hz
Voltage Output	Dry Contact
Grounding	No
Switch type	One-pole switch
Own power usage	2W
Max load (resistive load)	3A
Connection terminals diameter	0.2 to 2.5mm^2
Max tightening torque connections	2N·m
Connection type	Screw clamps
Method of control	Button regulation

PRODUCT DIMENSIONS

Product length	45.5mm	Product width	84mm
Product height-/depth	84mm	Product net weight	165g

MAINTENANCE

The device is maintenance-free. Indoor use only.

ADDITIONAL INFORMATION

Expected Response Time in Z-Wave-Based Systems.
Z-Wave–based smart home systems use wireless communication in a mesh network, where each command is confirmed before it is considered completed. When a wireless device, such as a switch, thermostat, or sensor, is used to control another device (for example a dimmer or relay), the command is transmitted as a radio signal. The signal may be routed through one or more devices in the network before it reaches its destination.
Control may take place directly between devices or via a central unit (gateway). When scenes, associations, automations, or central logic are used, the command is processed there before being forwarded, which may result in a slight delay compared to direct wired control.
A delay of approximately 0.5–2 seconds is considered normal and expected in Z-Wave systems, and will vary depending on network structure, number of devices, signal path, and network load.

Heatit Controls AB declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

Standards: CE, Nemko, Z-Wave Plus

RETURN AND RECYCLING

The product must be recycled as electronic waste.

DISCLAIMER

The device has a built-in potential free relay of max 3A that is designed for the usage of up to 3x 24VDC actuators.

Approved to be used in bathrooms.

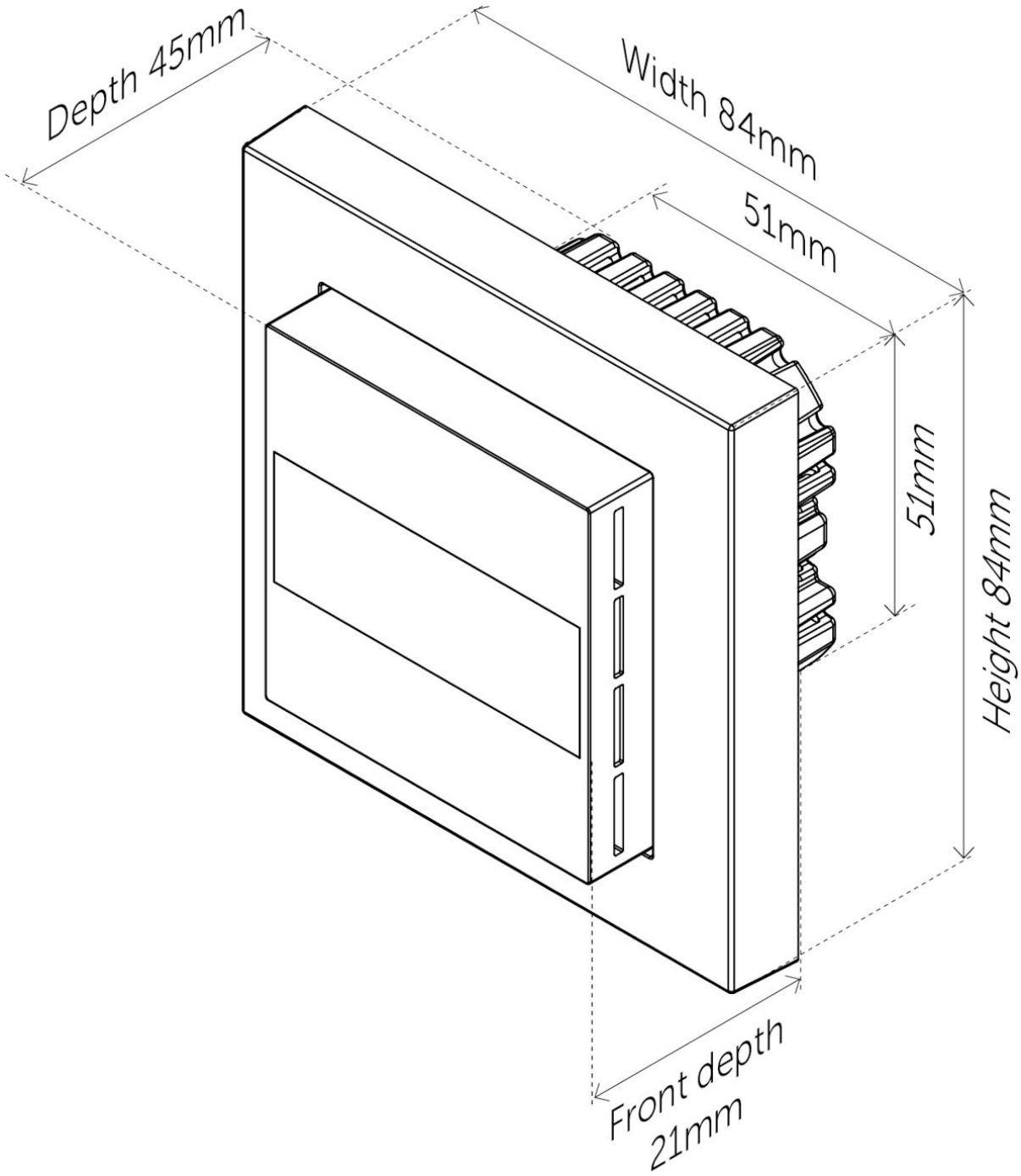
General info;
Worth noting regarding correct installation of thermostats.
When two or more thermostats are mounted too close to each other, the heat they emit, can interfere with the temperature sensors and the temperature in the junction box becomes too high. This can cause inaccurate temperature readings, especially under high load, leading to incorrect heating control. To avoid such issues, thermostats should be installed as far apart as possible and always in separate junction boxes. This ensures more accurate temperature readings.

In multi-frames with multiple units, the thermostat should always be mounted at the bottom, and no more than one thermostat should ever be installed in a multi-frame.

The product must be used with a security-enabled Z-Wave Controller in order to fully utilize security/encryption.

We develop and design our products according in accordance with our strict quality requirements (ISO 9001) and environmental requirements (ISO 14001).
All electrical installations must be carried out by an authorized electrical installer. The product must be installed in accordance with our installers manual and national building codes. Any wrongful installation, misuse, damage of the product, is not covered under warranty.

Updated documentation is available at www.heatit.com or documents.heatit.com
Heatit Controls AS can not be held liable for any type of errors or omittances in our product information.
Product specifications may change without further notice.


Depth 45mm
Width 84mm
51mm
51mm
Height 84mm
Front depth
21mm