



PRODUCT FEATURES

- Z-Wave
- Internal room sensor
- Floor sensor
- 3 modes: Heat - Cool - Eco
- Power regulator
- Temperature limiter
- Temperature calibration
- Hysteresis/PWM
- ZeroX™ detection
- 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
- Active power metering
- SmartStart
- Firmware update (OTA)

PRODUCT DATA

| | |
|--------------------------------------|-----------------------|
| Colour | White RAL 9003 |
| Mounting | European Junction Box |
| Min. and max ambient humidity (RH%) | 10 to 85% |
| Ambient temperature range in use | 5 to 40°C |
| Ambient temperature range in storage | -30 to 70°C |
| Min/max installation temperature | 5 to 40°C |

THERMOSTAT DATA

| | |
|------------------------------------|-------------------------------------|
| Compatible NTC-sensors (kΩ @ 25°C) | 6.8, 10, 12, 15, 22, 33, 47, 100 |
| Power regulator | Timed cycle 0-30 minutes |
| Error margin temperature | 0,5 |
| Temperature sensitivity | ±0,5 |
| Hysteresis | 0,3 to 3,0 (default hysteresis 0,5) |
| Ohm value at 25°C | 10kΩ |
| Max length of NTC sensor | 50m |
| Regulation temperature | 5 to 40°C |

ADDITIONAL INFO

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

HEATIT Z-TRM6 WHITE RAL 9003

Z-Wave thermostat 3600W 16A 868.4 MHz

| | |
|--------|---------------|
| Art.no | 5430566 |
| GTIN | 7071236018063 |

Smart thermostat. Heatit Z-TRM6 is an electronic thermostat designed for electrical heating and water based heating control. The thermostat can be controlled through your Z-Wave network, or via the buttons on the front of the thermostat. The thermostat features a user-friendly interface, complies with the Eco-Design directive and has an easy-to-read LED display.

Heatit Z-TRM6 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 in the junction box. The thermostat has one built-in room temperature sensor. Two additional external temperature sensors may also be connected.

Heatit Z-TRM6 has active power metering, and it gives you the real time information about the power consumption. It also allows you to set the power metering value manually in case of connection with a contactor.

The device is equipped with ZeroX™ technology, which ensures the relay switches at 0V when turning on and off. This technology significantly extends the thermostat's lifespan.

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.

The thermostat can withstand a resistive load of up to 16A/3600W at 230VAC. For loads above 13A, we recommend using a contactor. The thermostat is designed for resistive loads. When using large resistive, capacitive, or inductive loads, a contactor should be used.

IOT / SMART HOME SPECIFIC DATA

| | |
|-------------------------------|---|
| Z-Wave Frequency | Z-Wave - 868.4 MHz (EU) |
| Z-Wave Chip | Z-Wave 800 chip |
| Min radio frequency range | 40m |
| Over The Air update (OTA) | Yes |
| Push buttons | 3 |
| Temperature measurement range | 5 to 40°C |
| Z-Wave encryption mode | S2 Unauthenticated Class S0 S2 Authenticated Class |
| Primary IoT Protocol | Z-Wave |

ELECTRO TECHNICAL DATA

| | |
|-----------------------------------|---------------------------|
| Voltage | 230VAC 50Hz |
| Max load (resistive load) | 3600W |
| Own power usage | 2W |
| Switch type | One-pole switch |
| Max load (resistive load) | 16A |
| Connection type | Screw clamps |
| Connection terminals diameter | 0.2 to 2.5mm ² |
| Max tightening torque connections | 2N·m |
| Voltage Output | 230VAC 50Hz |
| Grounding | No |

PRODUCT DIMENSIONS

| | | | |
|-------------------------|--------|--------------------|------|
| Product height/diameter | 84mm | Product Width | 84mm |
| Product length | 45.5mm | Product net weight | 135g |

MAINTENANCE

The device is maintenance-free. Indoor use only.

ADDITIONAL INFORMATION

Approved to be used in bathrooms.

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

ZeroX™ Detection is pronounced Zero Cross Detection.

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, EMC 2014/30/EU, EN 60730-1, EN 60730-2-9, LVD 2014/35/EU, Nemko, Z-Wave Plus

RETURN AND RECYCLING

The product must be recycled as electronic waste.

DISCLAIMER

The thermostat can withstand a resistive load of up to 16A/3600W at 230VAC. For loads above 13A, we recommend using a contactor.

Never change the front from one thermostat to another.

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.

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.

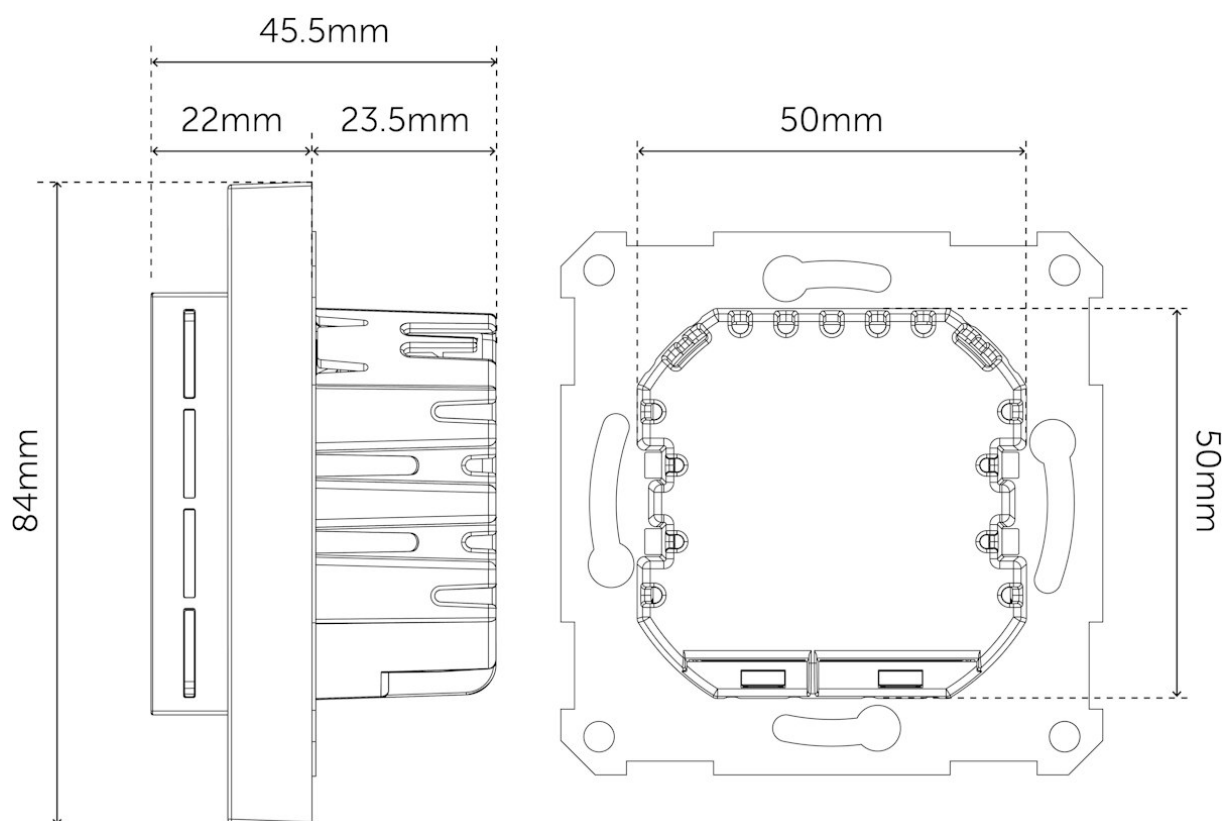
Updated documentation is available at www.heatit.com and/or documents.heatit.com

Heatit Controls AS can not be held liable for any type of errors or omissions in our product information.

Product specifications may change without further notice.

HEATIT Z-TRM6 THERMOSTAT

DIMENSIONS



Heatit Z-TRM6 White RAL 9003 can be ordered from
www.heatit.com/5430566

All additional documentation are available on the above adress and on documents.heatit.com/5430566

