HEATIT Z-TRM3 WHITE RAL 9003

Z-Wave thermostat 3600W 16A 868,4 MHz

Art.no	5430599
GTIN	7071236015239

Smart thermostat.
Heatit Z-TRM3 is an electronic thermostat for electrical underfloor heating. The thermostat has a built-in Z-Wave chip that can be connected to control systems.
The thermostat fits in standard European wall box and can be used with most frames that are adapted to System 55. The thermostat has a built-in sensor and may be connected to two external sensors.

Heatit Z-TRM3 has active power metering and it gives you real time information about your power consumption.

The thermostat enables you to make associations with external relays and wall plugs.

Designed for electrical heating.

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.

PRODUCT FEATURES

- Z-Wave thermostat
- Floor sensor
- Internal room sensor
- Temperature limiter
- SmartStart
- Weekly schedule
- Temperature readout in gateway
- External room sensor (wired by cable)
- Supports encryption modes S0, S2 Authenticated Class, S2 Unauthenticated Class
- Firmware update (OTA)
- Active power metering
- Relay status LED
- Single poled switch
- Lock mode/child lock
- Temperature calibration
- 5 associations

PRODUCT DATA

Ambient temperature range in use	5 to 40°C
Min. and max ambient humidity (RH%)	10 to 85%
Colour	White RAL 9003

THERMOSTAT DATA

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

ADDITIONAL INFO

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

IOT / SMART HOME SPECIFIC DATA

Primary IoT Protocol	Z-Wave
Alternate IoT-communication protocols	No alternative communication protocols
Z-Wave Frequency	Z-Wave - 868.4 MHz (EU)
Z-Wave Chip	Z-Wave 500 chip
Z-Wave encryption mode	S2 Authenticated Class S2 Unauthenticated Class S0
Min radio frequency range	40m
Push buttons	3
Over The Air update (OTA)	Yes

ELECTRO TECHNICAL DATA

Voltage	230VAC 50Hz
Voltage Output	230VAC 50Hz
Switch type	One-pole switch
Own power usage	2W
Max load (resistive load)	3600W
Max load (resistive load)	16A
Connection terminals diameter	0.2 to 2.5mm²
Max tightening torque connections	2N·m
Connection type	Screw clamps

PRODUCT DIMENSIONS

Product height/diameter	84mm	Product Width	84mm
Product length	51mm	Product net weight	110g

MAINTENANCE

The device is maintenance-free. Indoor use only.

ADDITIONAL INFORMATION

Approved for use in bathrooms.

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

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, RoHS 2011/65/EU, 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.
The thermostat is designed for resistive loads. When using large resistive, capacitive, or inductive loads, a contactor should be used.

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 omittances in our product information.
Product specifications may change without further notice.

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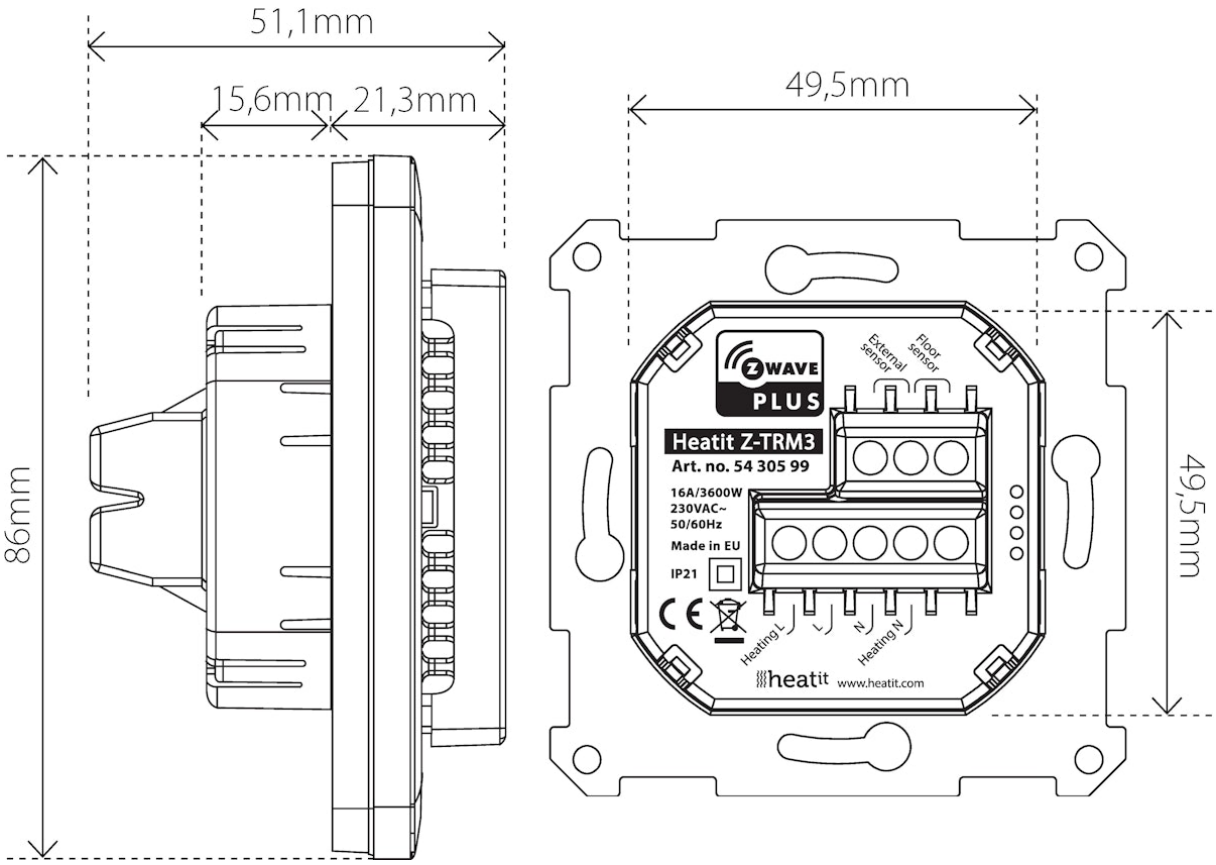

Heatit Z-TRM3 White RAL 9003 can be ordered from www.heatit.com/5430599

All additional documentation are available on the above adress and on **documents.heatit.com/5430599**