DATA SHEET

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HEATIT Z-TRM3 WHITE RAL 9003

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

Art.no	5430599
GTIN	7071236015239

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.

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 pole switch
- Lock mode/child lock
- Temperature calibration
- 5 associations

IOT / SMART HOME SPECIFIC DATA

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

PRODUCT DATA

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

THERMOSTAT DATA

Compatible NTC-sensors (kΩ @ 25°C)	10, 12, 15, 22, 33, 47
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
Regulation temperature	5 til 40°C

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 til 2.5mm²
Max tightening torque connections	2N·m

STANDARDS

Certification	Reach, RoHS
IP Code	IP21

WARRANTY

Warranty international	2 years

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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.

PRODUCT INFO RETURN AND RECYCLING

The product must be recycled as electronic waste.

DISCLAIMER

The device can withstand a load of max 16A/3600W at 230VAC. We recommend a contactor for loads above 13A.
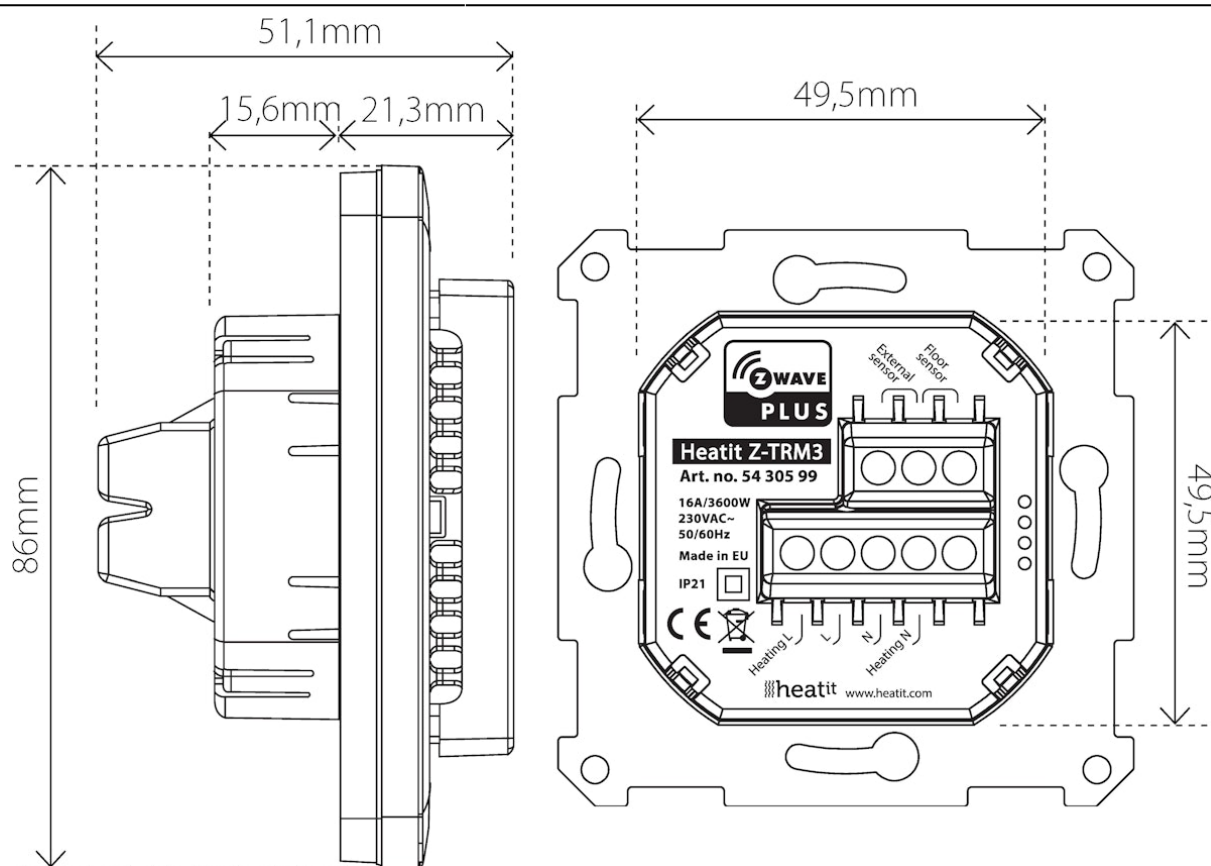
We develop and design our products according in accordance with our strict quality requirements (ISO 9001) and environmental requirements (ISO 14001).
All electrical installations must be carried out by an authorized electrical installer. The product must be installed in accordance with our installers 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 AB 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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51,1mm
15,6mm 21,3mm
86mm
49,5mm
49,5mm

Heatit Z-TRM3
Art. no. 54 305 99

16A/3600W
230VAC~
50/60Hz

Made in EU

IP21

Z-WAVE PLUS

External sensor
Floor sensor

Heating L
N
Heating N

heatit www.heatit.com

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**

heatit CONTROLS

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