heatit

Z-WAVE PLUS

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.

SMART START | POWER METERING | S2 SECURITY | OTA UPDATE

PRODUCT FEATURES

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

THERMOSTAT DATA

Compatible NTC-sensors (kΩ @ 25℃)	10, 12, 15, 22, 33, 47
Error margin temperature	0,5℃
Temperature sensitivity	Temperature sensitivity ±0,5
Hysteresis	0,3 to 3,0 (default hysteresis 0,5)
Ohm value at 25℃	10kΩ
Regulation temperature	5 til 40℃

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)	Yes
Push buttons	3
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 Ampere)	16A
Connection type	Screw clamps
Connection terminals diameter	0.2 til 2.5mm^2
Max tightening torque connections	2N·m

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.

STANDARDS

EN Standards	EN 60730-2-9	Certification	Reach
	EMC 2014/30/EU		RoHS
	Z-Wave Plus		
	LVD 2014/35/EU		
	EN 60730-1		
	RoHS 2011/65/EU		
	CE		
IP Code	IP21		

WARRANTY

Warranty Norway	5 years	Warranty international	2 years

LOGISTICAL DATA (F-PACK)

Width	114mm	Height/diameter	78mm
Length	125mm	Weight	240g
GTIN	7071236015239	Unit	BOX
Consists of unit	EA	Quantity	1

LOGISTICAL DATA (M-PACK)

Width	575mm	Height/diameter	130mm
Length	400mm	Weight	6300g
GTIN	-	Unit	CARTON
Consists of unit	BOX	Quantity	25

heatit
CONTROLS

Heatit Controls AB Läkarvägen 4, 454 31 BRASTAD, Sweden
+47 61 18 77 77 | post@heatit.com | **documents.heatit.com**

CE

Ver. EN2404-194
Page:2/4

DISCLAIMER

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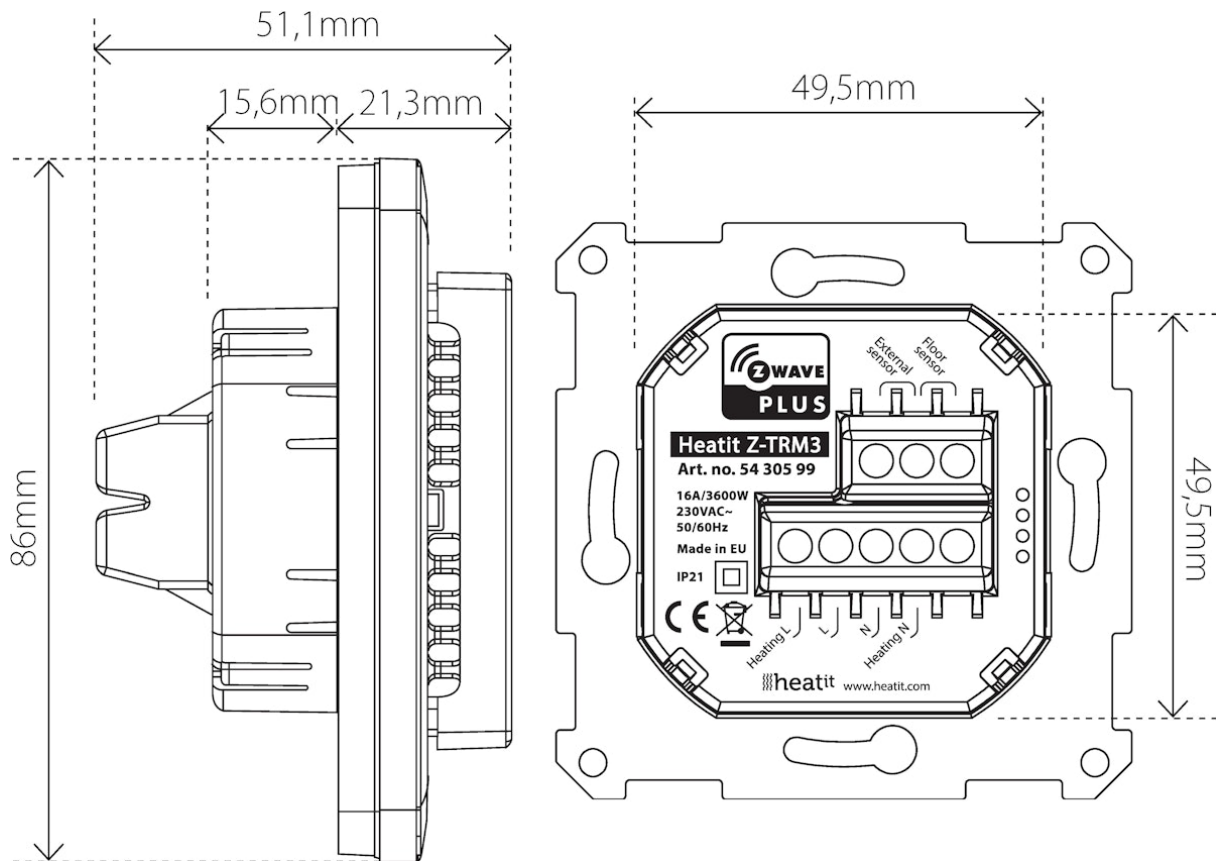
We develop and design our products according in accordance with our strict quality requirements (ISO 9001) and environmental requirements (ISO 14001).
All electrical installations must be carried out by an authorized electrical installer. The product must be installed in accordance with our installers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

heatit
CONTROLS

Heatit Controls AB Läkarvägen 4, 454 31 BRASTAD, Sweden
+47 61 18 77 77 | post@heatit.com | **documents.heatit.com**

C E

Ver. EN2404-194
Page:3/4

51,1mm

15,6mm **21,3mm**

49,5mm

86mm

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 AB Läkarvägen 4, 454 31 BRASTAD, Sweden
+47 61 18 77 77 | post@heatit.com | **documents.heatit.com**

CE

Ver. EN2404-194
Page:4/4