



AREAS OF USE

Floor sensor
 Internal room sensor
 External room sensor (wired by cable)
 Temperature limiter
 SmartStart
 Weekly program/setback via gateway
 Temperature read out in gateway
 Firmware update (OTA)
 Power metering
 Relay status LED
 Single pole switch
 Lock mode/child lock
 Calibration
 5 associations
 Supports encryption modes S0, S2 Authenticated Class, S2 Unauthenticated Class

MAINTENANCE

The product is maintenance-free, but must not be covered.

PRODUCT FEATURES

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

Approved for use in bathrooms.

PRODUCT INFO RETURN AND RECYCLING

The product must be recycled as electronic waste.

HEATIT Z-TRM6 WHITE RAL9010

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

Art.no 5430567

GTIN 7071236018070

Heatit Z-TRM6 is an electronic thermostat designed for electrical heating. The thermostat can be controlled through your Z-Wave network or via the buttons on the front. The thermostat has a user friendly interface.

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

The product has implemented ZeroX technology. This technology makes sure the relay switches at 0V when turning on and off. With this technology the thermostat will have a much longer lifetime.

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.

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 til 40°C
Z-Wave encryption mode	S0 S2 Authenticated Class S2 Unauthenticated Class
Certifications	Z-Wave Plus v2

ELECTRO TECHNICAL DATA

Voltage	230V 50Hz
Max load (resistive load)	3600W
Max current	16A
Own power usage	2W
Switch type	One-pole switch
Ambient temperature range in use	5 til 40°C
Min. and max ambient humidity (RH%)	10 til 85%
Connection type	Screw clamps
Connection terminals diameter	1.5 til 2.5mm ²
Max tightening torque connections	2N-m
Protection grade (IP)	IP21
Declarations	CE declaration

THERMOSTAT DATA

Compatible NTC-sensors (kΩ @ 25°C)	10, 100, 12, 15, 22, 33, 47, 6.8
Effect regulator	Timed cycle 0-30 minutes
Error margin temperature	0,5°C
Temperature sensitivity	Temperature sensitivity ±0,5
Night lowering as thermostat	Via Gateway
Night lowering as regulator	Via Gateway
Frost protection as thermostat	5
Hysteresis	0,3 to 3,0 (default hysteresis 0,5)
Regulation temperature	5 til 40°C
Ohm value at 25°C	10000Ω


INSTALLATION AND STORAGE DATA

Ambient temperature range in storage	-30 til 70°C	Max installation temperature	40°C
Min installation temperature	5°C	Assembly / mounting location	European Junction Box

PRODUCT DIMENSIONS

Product width	84mm	Product height	45mm
Product length	84mm	Product weight	135g

CUSTOMS TARIF NUMBER

Customs number	90321000
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LOGISTICAL DATA (F-PACK)

Width	90mm	Height/diameter (ø/mm)	70mm
Length	90mm	Weight	165g
GTIN f-pak	7071236015239	Unit	PCE
Quantity	1		

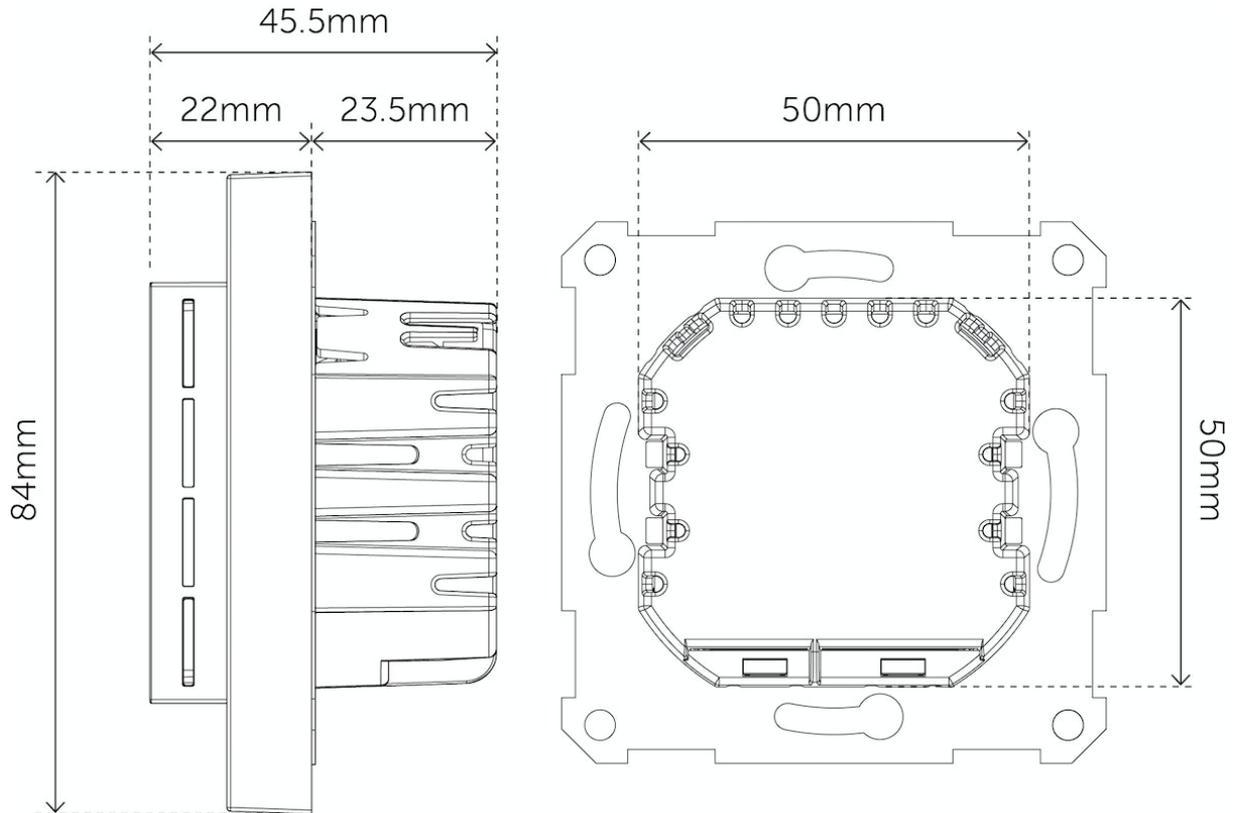
LOGISTICAL DATA (M-PACK)

Width	395mm	Height	130mm
Length	575mm	Weight	6200g
Unit	PCE	Quantity	25

DISCLAIMER

All electrical installations must be carried out by a licensed electrician. The product must be installed in accordance with our installers manual or national building codes.

Heatit Controls AB can not be held liable for typographical errors, other errors or omissions in our information. Product specifications may change without further notice. Warranty does not apply to batteries.



**Heatit Z-TRM6 White RAL9010 can be ordered from
www.heatit.com/5430567**

All additional documentation are available on the above adress and on documents.heatit.com/5430567

