heatit

HEATIT Z-TRM6 BLACK MATT

Z-Wave thermostat 3600W 16A 868.4 MHz

Art.no	5430568
GTIN	7071236018087

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.

PRODUCT FEATURES

Z-Wave thermostat
Internal room sensor
External room sensor (wired by cable)
Floor sensor
Power regulator
Temperature limiter
3 modes: Heat - Cool and Eco
Hysteresis/PWM
Temperature calibration
Open window detection
ZeroX detection
Relay status icon
Adjustable display brightness
Single pole switch
Lock mode/child lock
Temperature readout in gateway
Weekly schedule in gateway
Active power metering
SmartStart
Firmware update (OTA)
Supports encryption modes S0, S2 Authenticated Class, S2 Unauthenticated Class

IOT / SMART HOME SPECIFIC DATA

Z-Wave Frequency	Z-Wave - 868.4 MHz (EU)
Z-Wave Chip	Z-Wave 800 chip
Alternate IoT-communication procols	No alternative communication protocols
Min radio frequency range	40
Over The Air update (OTA)	Yes
Push buttons	3
Temperature measurement range	5 til 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
Max current	16A
Own power usage	2W
Switch type	One-pole switch
Connection type	Screw clamps
Connection terminals diameter	0.2 til 2.5mm²
Max tightening torque connections	2N·m

THERMOSTAT DATA

Compatible NTC-sensors (kΩ @ 25°C)	6.8, 10, 12, 15, 22, 33, 47, 100
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
Hysteresis	0,3 to 3,0 (default hysteresis 0,5)
Ohm value at 25°C	10kΩ
Regulation temperature	5 til 40°C

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Heatit Controls AB Läkarvägen 4, 454 31 BRASTAD, Sweden
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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.

PRODUCT INFO RETURN AND RECYCLING

The product must be recycled as electronic waste.

LOGISTICS AND PRODUCT DATA

Colour	Black	Customs number	90321000
Min. and max ambient humidity (RH%)	10 til 85%	Ambient temperature range in use	5 til 40°C

STANDARDS

EU Standard	RoHS 2011/65/EU EN 60730-2-9 LVD 2014/35/EU EMC 2014/30/EU EN 60730-1 CE	Certification	CE
IP-Class	IP21	Heatit Controls AB declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.	1

WARRANTY

Warranty Norway	5 years

LOGISTICAL DATA (F-PACK)

Width	90mm	Height/diameter	70mm
Length	90mm	Weight	165g
GTIN	7071236018087	Unit	EA
Consists of unit	EA	Quantity	1

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LOGISTICAL DATA (M-PACK)

Width	205mm	Height/diameter	105mm
Length	375mm	Weight	2240g
GTIN	7071236018827	Unit	CARTON
Consists of unit	EA	Quantity	10

LOGISTICAL DATA (D-PACK)

Width	385mm	Height/diameter	550mm
Length	425mm	Weight	23320g
GTIN	7071236018834	Unit	CARTON
Consists of unit	EA	Quantity	100

DISCLAIMER

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.

The device can withstand a load of max 16A/3600W at 230VAC. We recommend a contactor for loads above 13A.
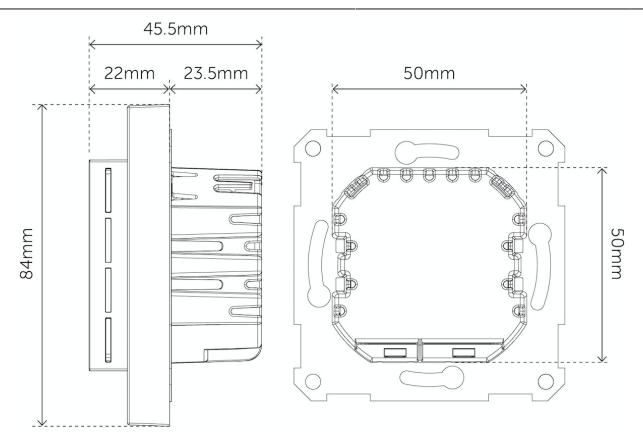
Never change the front from one thermostat to another.

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45.5mm

22mm   23.5mm

50mm

84mm

50mm

Heatit Z-TRM6 Black matt can be ordered from www.heatit.com/5430568

All additional documentation are available on the above adress and on **documents.heatit.com/5430568**

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