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HEATIT Z-TRM6 DC BLACK MATT

Z-Wave thermostat 3A (Dry Contact) 868.4 MHz

Art.no	5430563
GTIN	7071236019008

Dry Contact thermostat.

Heatit Z-TRM6 DC is an electronic thermostat with a potential free relay, designed for boiler control, heat pumps and actuators. The thermostat can be controlled through your Z-Wave network or via the buttons on the front of the thermostat. The thermostat has a user friendly interface.

Heatit Z-TRM6 DC 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 DC allows you to set the power metering value manually.

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
- Floor sensor
- Temperature limiter
- Boiler control and heat pumps
- Control of actuators
- 3 modes: Heat - Cool and Eco
- Hysteresis/PWM
- Temperature calibration
- Open window detection
- External room sensor (wired by cable)
- Supports encryption modes S0, S2 Authenticated Class, S2 Unauthenticated Class

- Relay status icon
- Adjustable display brightness
- Single pole switch
- Lock mode/child lock
- Temperature readout in gateway
- Weekly schedule in gateway
- Manual power metering
- SmartStart
- Firmware update (OTA)

IOT / SMART HOME SPECIFIC DATA

Z-Wave Frequency	Z-Wave - 868.4 MHz (EU)
Z-Wave Chip	Z-Wave 800 chip
Alternate IoT-communication protocols	No alternative communication protocols
Min radio frequency range	40m
Over The Air update (OTA)	Yes
Push buttons	3
Temperature measurement range	5 to 40℃
Z-Wave encryption mode	S2 Unauthenticated Class S0 S2 Authenticated Class
Primary IoT Protocol	Z-Wave

PRODUCT DATA

Colour	Black
Mounting	European Junction Box
Min. and max ambient humidity (RH%)	10 to 85%
Ambient temperature range in use	5 to 40℃
Ambient temperature range in storage	-30 to 70℃
Min/max installation temperature	5 to 40℃

ELECTRO TECHNICAL DATA

Voltage	230VAC 50Hz
Own power usage	2W
Switch type	One-pole switch
Max load (resistive load)	3A
Connection type	Screw clamps
Connection terminals diameter	0.2 to 2.5mm²
Max tightening torque connections	2N·m
Voltage Output	230VAC 50Hz

THERMOSTAT DATA

Compatible NTC-sensors (kΩ @ 25℃)	6.8, 10, 12, 15, 22, 33, 47, 100
Error margin temperature	0,5
Temperature sensitivity	±0,5
Hysteresis	0,3 to 3,0 (default hysteresis 0,5)
Ohm value at 25℃	10kΩ
Max length of NTC sensor	50m
Regulation temperature	5 to 40℃

STANDARDS

Certification	Reach, RoHS
IP Code	IP21

WARRANTY

Warranty international	2 years

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CONTROLS

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DATA SHEET
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PRODUCT DIMENSIONS

Product height/diameter	84mm	Product Width	84mm
Product length	45.5mm	Product net weight	210g

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.

DISCLAIMER

The device has a built-in potential free relay of max 3A that is designed for the usage of up to 3x 24VDC actuators.

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.
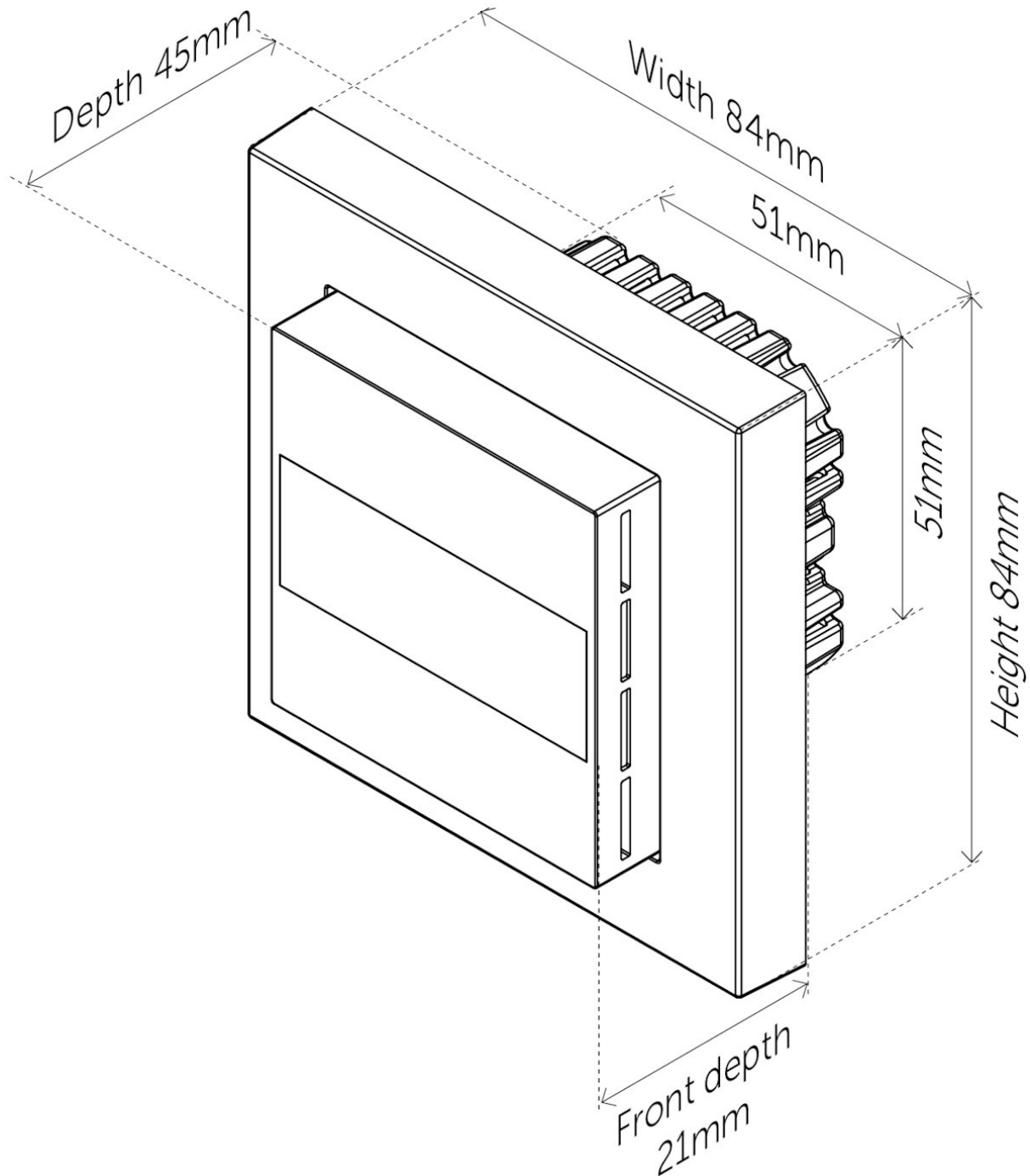
We develop and design our products according in accordance with our strict quality requirements (ISO 9001) and environmental requirements (ISO 14001).
All electrical installations must be carried out by an authorized electrical installer. The product must be installed in accordance with our installers 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 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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Depth 45mm

Width 84mm

51mm

51mm

Height 84mm

Front depth 21mm

Heatit Z-TRM6 DC Black Matt can be ordered from www.heatit.com/5430563

All additional documentation are available on the above adress and on **documents.heatit.com/5430563**

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