DATA SHEET

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HEATIT Z-TEMP3 BLACK MATT

Battery operated thermostat Z-Wave

Art.no	4512691
GTIN	7071236018391

Heatit Z-Temp3 is a battery-operated thermostat designed for controlling waterbased heating systems. Used in combination with the Heatit Z-Water2, you can control your heating system through the Z-Wave® network or via the buttons on the front panel. The thermostat has a user-friendly interface.

Heatit Z-Temp3 has 3 modes: Heat, Cool, and Eco.

The thermostat fits into System 55 frames, and may be mounted alongside other equipment such as e.g dimmers or light switches. Heatit Z-Temp3 can also be mounted directly on the wall or placed freely, e.g. on a shelf.

Heatit Z-Temp3 can be set as a master thermostat. This means that you can set the setpoint and mode on one unit, and it will automatically send the setpoint and mode to other connected units. Note: The master/slave function only works when the receiving devices are 230VAC thermostats. It does not work towards battery-powered thermostats.

All communication between Heatit Z-Temp3 and the controlled device is 100% wireless.

Heatit Z-Temp3 uses 2x AAA batteries, but you can also connect the device to an external power source. The Heatit Transformer 230VAC (45 126 48) is recommended for this purpose.

Heatit Z-Temp3 can be associated with Heatit ZM Single Relay, other Z-Wave relays, Heatit ZM Thermostat, Heatit Z-TRM6 Thermostat and other Z-Wave devices to control other types of heating solutions.

Heatit Z-Temp3 is a great choice for the restoration or renovation of existing buildings, as it is easy to install without the need for wiring. We recommend using multiple 230VAC devices to create a mesh network.

PRODUCT FEATURES

- Z-Wave 800 series
- Internal temperature sensor
- Humidity sensor
- Master thermostat
- Hysteresis - PWM
- 3 modes: Heat - Cool - Eco
- Open Window Detection
- 10 associations per group
- LCD display with backlight
- Lock mode/child lock
- Firmware update (OTA)
- SmartStart
- Battery-operated thermostat for controlling relays and thermostats
- Supports encryption modes S0, S2 Authenticated Class, S2 Unauthenticated Class

PRODUCT DATA

Ambient temperature range in use	5 to 40°C
Ambient temperature range in storage	-30 to 70°C
Min. and max ambient humidity (RH%)	10 to 85%
Material	Polycarbonate (PC)
Colour	Black
Mounting	European Junction Box Screw fastening Stand alone System 55

THERMOSTAT DATA

Regulation temperature	5 to 40°C
Temperature sensitivity	±0,5
Error margin temperature	0,5
Hysteresis	0,3 to 3,0 (default hysteresis 0,5)

ADDITIONAL INFO

IP Code	IP21
Certification	Reach, RED, RoHS
EN Standards	CE, Z-Wave Plus
Warranty international	2 years
Customs number	90321000
Country of origin	CN

IOT / SMART HOME SPECIFIC DATA

Primary IoT Protocol	Z-Wave
Working frequency	Z-Wave - 868.4 MHz (EU)
Z-Wave Chip	Z-Wave 800 chip
Z-Wave encryption mode	S0 S2 Authenticated Class S2 Unauthenticated Class
Min radio frequency range	40m
Push buttons	3
FLiRS	Yes
Temperature measurement range	5 to 40°C
Over The Air update (OTA)	Yes

ELECTRO TECHNICAL DATA

Voltage	3.3 VDC
Battery type	AAA 1.5V
Number of batteries required	2
Battery current	1.5V

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Designed in Norway

RoHS Compliant

REACH Compliance

PRODUCT DIMENSIONS

Product length	84mm	Product width	84mm
Product height-/depth	22mm	Product net weight	76g

MAINTENANCE

The device is maintenance-free.
Indoor use only.

Warranty does not apply to batteries.

ADDITIONAL INFORMATION

Expected Response Time in Z-Wave-Based Systems.
Z-Wave–based smart home systems use wireless communication in a mesh network, where each command is confirmed before it is considered completed. When a wireless device, such as a switch, thermostat, or sensor, is used to control another device (for example a dimmer or relay), the command is transmitted as a radio signal. The signal may be routed through one or more devices in the network before it reaches its destination.
Control may take place directly between devices or via a central unit (gateway). When scenes, associations, automations, or central logic are used, the command is processed there before being forwarded, which may result in a slight delay compared to direct wired control.
A delay of approximately 0.5–2 seconds is considered normal and expected in Z-Wave systems, and will vary depending on network structure, number of devices, signal path, and network load.

Heatit Controls AB declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

RETURN AND RECYCLING

The product must be recycled as electronic waste.

DISCLAIMER

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

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 or documents.heatit.com
Heatit Controls AS 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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