HEATIT ZM THERMOSTAT 16A

EOL

Z-Wave Thermostat 16A 868,4 MHz

Art.no	4512673
GTIN	7071236016441

Heatit ZM Thermostat is an electronic thermostat for electrical underfloor heating designed for inwall installations. The thermostat allows you to control your electrical heating through your Z-Wave network.

The module is equipped with a 16A relay. The thermostat requires you to connect an external wired sensor, which is included.

Heatit ZM Thermostat has active power metering and it gives you real time information about your power consumption.

PRODUCT FEATURES

- Z-Wave
- 16A/3600W resistive loads
- NTC 10kΩ sensor (included)
- Setpoint to be set in gateway
- Thermostat for inwall installations
- ZeroX detection
- SmartStart
- Firmware update (OTA)
- Active power metering
- Supports encryption mode: S0, S2 Authenticated Class, S2 Unauthenticated Class

PRODUCT DATA

Colour	Black Olive RAL 6015
Material	Polycarbonate (PC)
Mounting	European Junction Box
Min. and max ambient humidity (RH%)	10 to 85%
Ambient temperature range in use	5 to 40°C
Ambient temperature range in storage	-30 to 70°C
Min/max installation temperature	0 to 50°C

THERMOSTAT DATA

Compatible NTC-sensors (kΩ @ 25°C)	10
Error margin temperature	0,5
Temperature sensitivity	±0,5
Hysteresis	0,3 to 3,0 (default hysteresis 0,5)
Ohm value at 25°C	10kΩ
Max length of NTC sensor	50m
Regulation temperature	5 to 40°C

ADDITIONAL INFO

IP Code	IP20
Certification	Reach, RoHS
Warranty international	2 years
Customs number	90321000
Country of origin	CN

IOT / SMART HOME SPECIFIC DATA

Z-Wave Frequency	Z-Wave - 868.4 MHz (EU)
Z-Wave Chip	Z-Wave 700 chip
Alternate IoT-communication protocols	No alternative communication protocols
Min radio frequency range	40m
Over The Air update (OTA)	Yes
Push buttons	1
Temperature measurement range	5 to 40°C
Z-Wave encryption mode	S2 Unauthenticated Class S2 Authenticated Class S0
Primary IoT Protocol	Z-Wave

ELECTRO TECHNICAL DATA

Voltage	230VAC 50Hz
Max load (resistive load)	3600W
Own power usage	1W
Switch type	One-pole switch
Max load (resistive load)	16A
Connection type	Screw clamps
Connection terminals diameter	0.2 to 2.5mm²
Max tightening torque connections	2N·m
Voltage Output	230VAC 50Hz

PRODUCT DIMENSIONS

Product height/diameter	52mm	Product Width	81mm
Product length	85mm	Product net weight	103g

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.

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

Standards: CE, EN 60669-2-1/A12:2010, EN 60669-2-1:2004 + A1:2009, EN 60669-2-5:2016, EN 62479:2010, ETSI EN 300 220-2 V3.1.1 (2017-02), ETSI EN 301 489-3 V2.1.1(2017-03), IEC 965-2-1, RoHS 2002/95/EC, WEE 2002/96/EC, Z-Wave Plus

RETURN AND RECYCLING

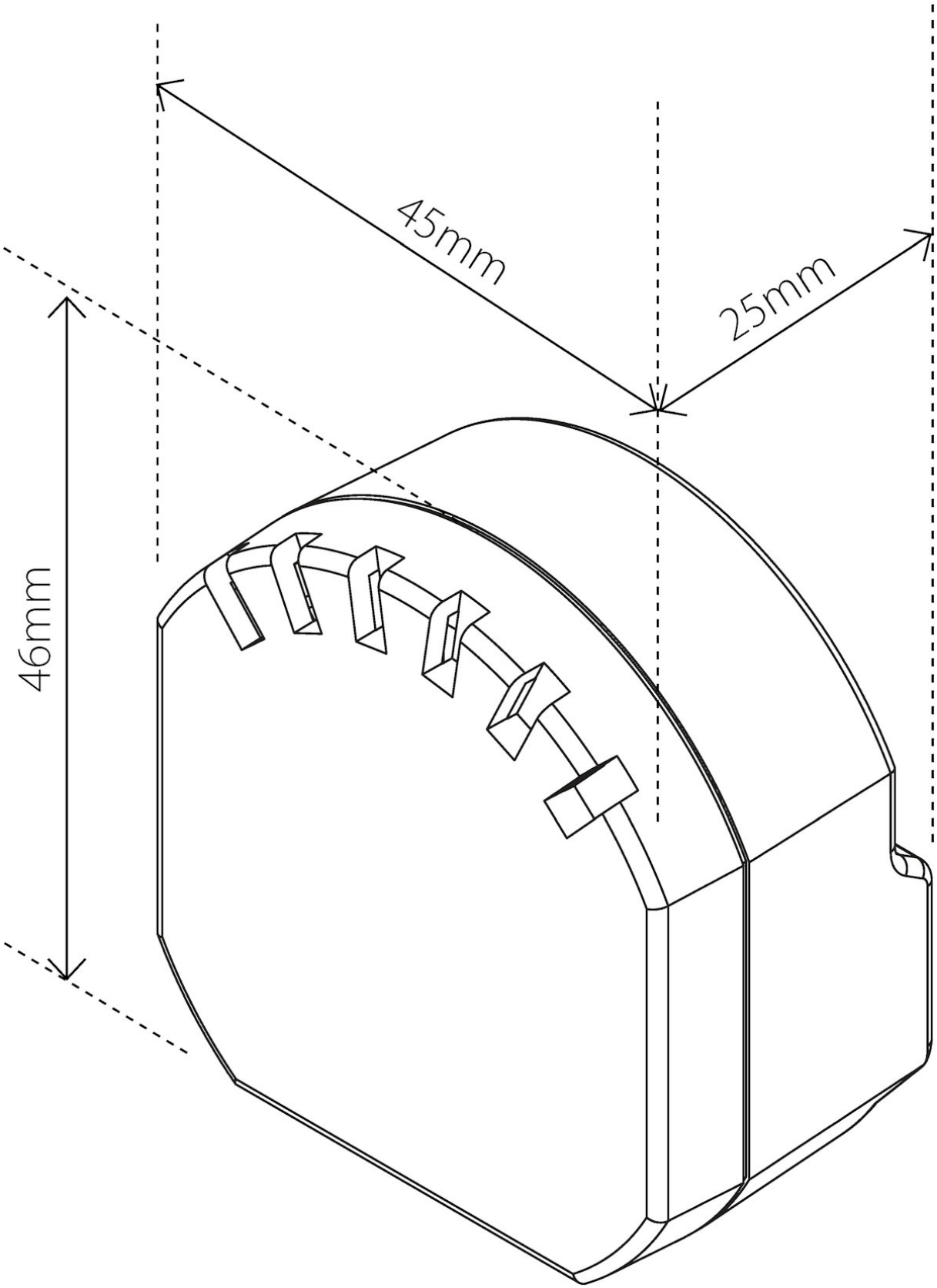
The product must be recycled as electronic waste.

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 AS can not be held liable for any type of errors or omittances in our product information.
Product specifications may change without further notice.


45mm
25mm
46mm

Heatit ZM Thermostat 16A can be ordered from www.heatit.com/4512673

All additional documentation are available on the above adress and on **documents.heatit.com/4512673**

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