



PRODUCT FEATURES

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

THERMOSTAT DATA

Compatible NTC-sensors (k Ω @ 25°C)	10
Error margin temperature	0,5°C
Temperature sensitivity	Temperature sensitivity $\pm 0,5$
Hysteresis	0,3 to 3,0 (default hysteresis 0,5)
Ohm value at 25°C	10k Ω
Regulation temperature	5 til 40°C

HEATIT ZM THERMOSTAT 16A

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.

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 til 40°C
Z-Wave encryption mode	S2 Authenticated Class S0 S2 Unauthenticated Class
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 til 2.5mm ²
Max tightening torque connections	2N·m



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.

PRODUCT INFO RETURN AND RECYCLING

The product must be recycled as electronic waste.

PRODUCT DATA

Colour	Black Olive RAL 6015	Min. and max ambient humidity (RH%)	10 til 85%
Ambient temperature range in use	5 til 40°C	Ambient temperature range in storage	-30 til 70°C

STANDARDS

EN Standards	EN 60669-2-1:2004 + A1:2009 EN 62479:2010 CE ETSI EN 301 489-3 V2.1.1(2017-03) RoHS 2002/95/EC WEE 2002/96/EC EN 60669-2-5:2016 Z-Wave Plus ETSI EN 300 220-2 V3.1.1 (2017-02) IEC 965-2-1 EN 60669-2-1/A12:2010	Certification	RoHS Reach
IP Code	IP20		

WARRANTY

Warranty Norway	5 years	Warranty international	2 years
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LOGISTICAL DATA (F-PACK)

Width	52mm	Height/diameter	85mm
Length	81mm	Weight	103g
GTIN	7071236016441	Unit	BOX
Consists of unit	EA	Quantity	1


LOGISTICAL DATA (M-PACK)

Width	265mm	Height/diameter	122mm
Length	341mm	Weight	2900g
GTIN	7071236017851	Unit	CARTON
Consists of unit	BOX	Quantity	24

LOGISTICAL DATA (D-PACK)

Width	356mm	Height/diameter	412mm
Length	553mm	Weight	17400g
GTIN	-	Unit	CARTON
Consists of unit	CARTON	Quantity	144

DISCLAIMER

The device can withstand a load of max 16A/3600W at 230VAC. We recommend a contactor for loads above 13A.

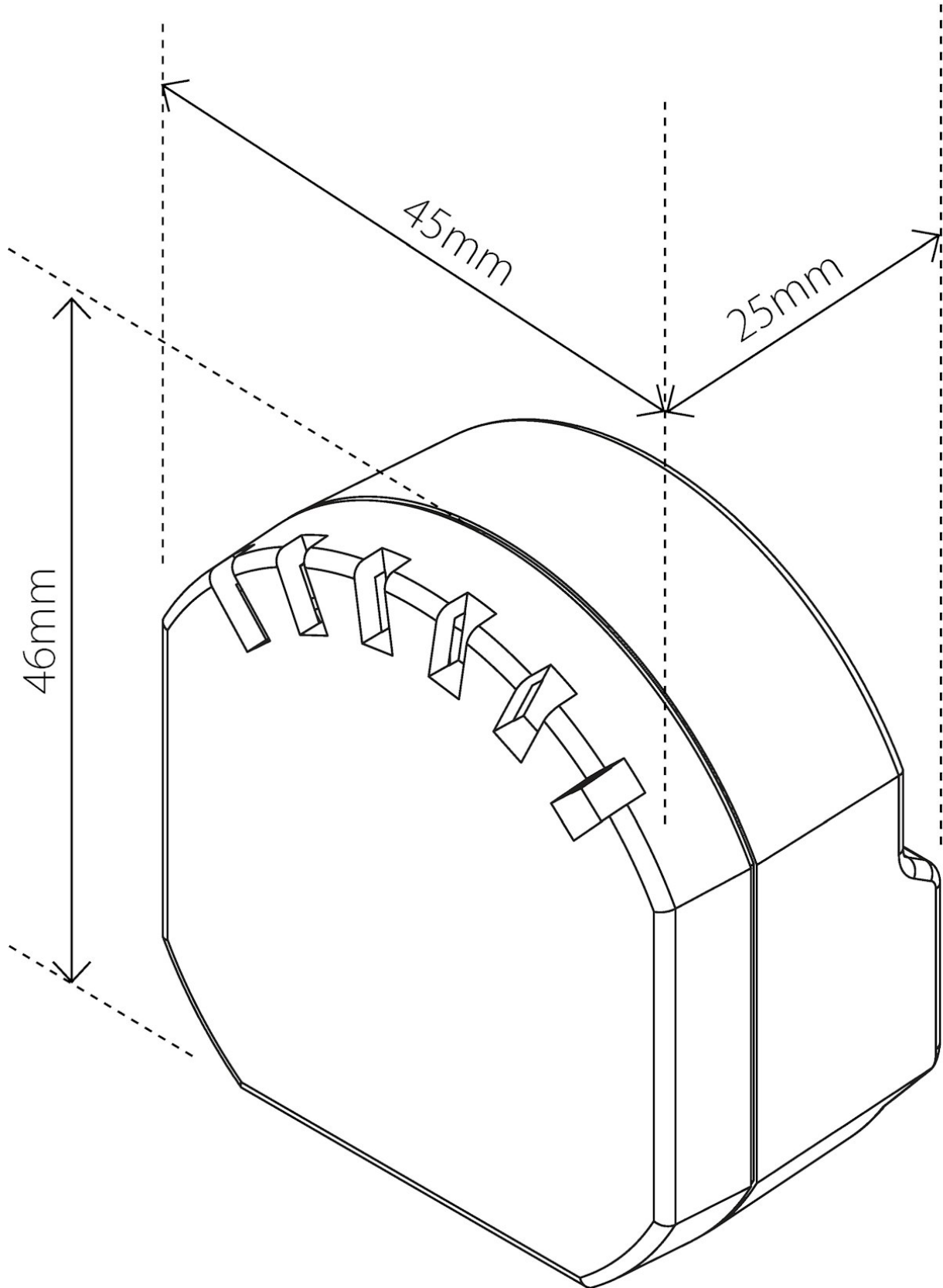
We develop and design our products according in accordance with our strict quality requirements (ISO 9001) and environmental requirements (ISO 14001).

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 AB can not be held liable for any type of errors or omissions in our product information.

Product specifications may change without further notice.





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

