



## PRODUCT FEATURES

- Z-Wave
- 2 or 3-wire
- 5W - 250W
- LED, incandescent and halogen
- SmartStart
- Scene controller
- Firmware update (OTA)
- Active power metering
- Dimmer for inwall installations
- Max. dim level auto-calibration
- Supports encryption mode S0, S2 Authenticated Class, S2 Unauthenticated Class
- Overload protection
- Short circuit protection
- Surge protection
- Overheat protection
- Two external switches
- Min. dim level adjustable
- On/off functionality

## PRODUCT DATA

Colour	Black Olive RAL 6015
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

## ADDITIONAL INFO

IP Code	IP20
Certification	Reach, RoHS
Warranty international	2 years
Customs number	85437000

## HEATIT ZM DIMMER 250W

### Inwall Z-Wave Dimmer

Art.no	1444449
GTIN	7071236018575

### Smart dimmer

Heatit ZM Dimmer is a 250W dimmer suitable for use with LED lights and other types of light sources. The dimmer works with most low loads without causing flicker. The dimmer enables the user to control light sources from the Z-Wave network and/or an external switch. Heatit ZM Dimmer is an inwall dimmer for installation in European electrical wall boxes

The Heatit ZM Dimmer works on most low loads of both LEDs and other light fixtures without causing flickering.

The dimmer has 2 switch inputs that, in addition to controlling the dimmer, can be used as scene controllers. The dimmer can be wirelessly connected to other devices via associations.

Heatit ZM Dimmer features active power metering, providing 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 800 chip
Min radio frequency range	40m
Over The Air update (OTA)	Yes
Push buttons	2
Z-Wave encryption mode	S2 Authenticated Class S2 Unauthenticated Class S0
Primary IoT Protocol	Z-Wave

## ELECTRO TECHNICAL DATA

Voltage	230VAC 50Hz
Own power usage	1W
Power	5 to 250W
Connection type	Screw clamps
Connection terminals diameter	0.2 to 2.5mm <sup>2</sup>
Max tightening torque connections	2N·m
Voltage Output	230VAC 50Hz
Grounding	No

## PRODUCT DIMENSIONS

Product height/diameter	21mm	Product Width	45mm
Product length	46mm	Product net weight	37g

## MAINTENANCE

The device is maintenance-free. Indoor use only.

## ADDITIONAL INFORMATION

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

Dimming may be challenging, and we recommend checking the compatibility of different light sources before installation.

When connecting low loads it is recommended to use a bypass.

Standards: CE, Nemko, Z-Wave Plus

## RETURN AND RECYCLING

The product must be recycled as electronic waste.

## DISCLAIMER

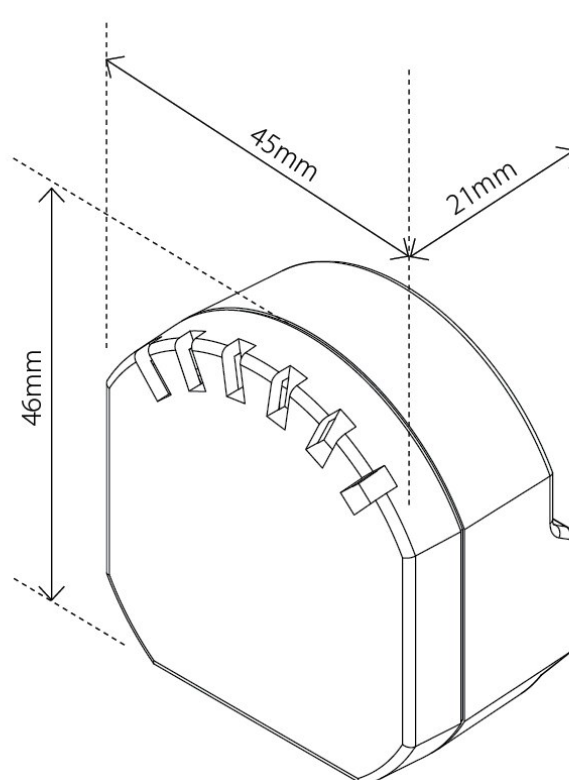
We develop and design our products according in accordance with our strict quality requirements (ISO 9001) and environmental requirements (ISO 14001).

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](http://www.heatit.com) and/or [documents.heatit.com](http://documents.heatit.com)

Heatit Controls AS 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 Dimmer 250W can be ordered from [www.heatit.com/1444449](http://www.heatit.com/1444449)**All additional documentation are available on the above adress and on [documents.heatit.com/1444449](http://documents.heatit.com/1444449)