





Overload protection

Surge protection

Overheat protection

Two external switches

On/off functionality

• Min. dim level adjustable

• Short circuit protection

#### **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

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

## **ADDITIONAL INFO**

ADDITIONAL IN C	
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**

Primary IoT Protocol	Z-Wave
Z-Wave 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	2
Over The Air update (OTA)	Yes

## **ELECTRO TECHNICAL DATA**

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













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 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.





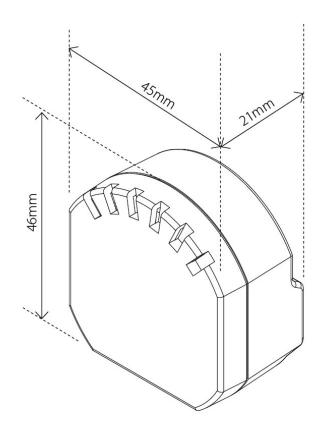
























Document generated 21. Nov 2025 kl. 16:21



# Heatit ZM Dimmer 250W can be ordered from www.heatit.com/1444449

All additional documentation are available on the above adress and on **documents.heatit.com/1444449** 











