



HEATIT ZM DIMMER 250W

Inwall Z-Wave Dimmer

Art.no 1444449

GTIN 7071236018575

Heatit ZM Dimmer is an inwall dimmer for installation in European electrical wall boxes. The dimmer enables the user to control light sources from the Z-Wave network and/or an external switch.

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

The dimmer may be connected to two external switches that can be used to control the lights, associated devices and scenes.

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

PRODUCT FEATURES

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

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 | 40 |
| Over The Air update (OTA) | Yes |
| Push buttons | 2 push buttons |
| Z-Wave encryption mode | S2 Authenticated Class S2 Unauthenticated Class S0 |
| Certifications | Z-Wave Plus |

ELECTRO TECHNICAL DATA

| | |
|-------------------------------------|----------------------------|
| Voltage | 230VAC |
| Power | 5 til 250W |
| Ambient temperature range in use | 5 til 40°C |
| Min. and max ambient humidity (RH%) | 10 til 85% |
| Connection type | Screw clamps |
| Connection terminals diameter | 0.2 til 2.5mm ² |
| Max tightening torque connections | 2N·m |
| Protection grade (IP) | IP20 |
| Declarations | CE declaration Nemko |



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.

PRODUCT INFO RETURN AND RECYCLING

The product must be recycled as electronic waste.

INSTALLATION AND STORAGE DATA

| | | | |
|--------------------------------------|--------------|------------------------------|-----------------------|
| Ambient temperature range in storage | -30 til 70°C | Max installation temperature | 40°C |
| Min installation temperature | 5°C | Mounting method | European Junction Box |

PRODUCT DIMENSIONS

| | | | |
|----------------|------|----------------|------|
| Product width | 46mm | Product height | 21mm |
| Product length | 45mm | Product weight | 37g |

LOGISTICAL DATA (F-PACK)

| | | | |
|------------------|---------------|-----------------|--------|
| Width | 65mm | Height/diameter | 35mm |
| Length | 65mm | Weight | 48000g |
| GTIN | 7071236018575 | Unit | BOX |
| Consists of unit | EA | Quantity | 1 |

LOGISTICAL DATA (M-PACK)

| | | | |
|------------------|---------------|-----------------|--------|
| Width | 144mm | Height/diameter | 76mm |
| Length | 380mm | Weight | 83000g |
| GTIN | 7071236018582 | Unit | CARTON |
| Consists of unit | BOX | Quantity | 20 |


LOGISTICAL DATA (D-PACK)

| | | | |
|------------------|---------------|-----------------|----------|
| Width | 395mm | Height/diameter | 303mm |
| Length | 395mm | Weight | 8310000g |
| GTIN | 7071236018599 | Unit | CARTON |
| Consists of unit | CARTON | Quantity | 200 |

DISCLAIMER

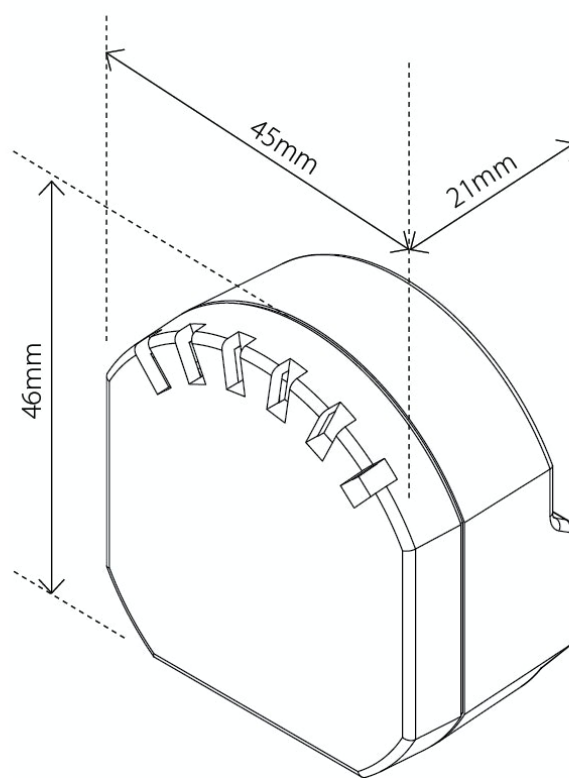
We develop and design our products according in accordance with our strict quality requirements (ISO 9001) and environmental requirements (ISO 14001).

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 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 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

