

HEATIT Z-DIM2 250W

Z-Wave Rotary Dimmer

Art.no	1444440
GTIN	7071236016410

Smart dimmer. The Heatit Z-Dim2 is a 250W Z-wave rotary 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 or through the rotary knob on the front of the dimmer. The Heatit Z-Dim2 is designed for installation in a standard European junction box and fits into System 55 frames.

The dimmer includes an external switch option, enabling users to dim and turn the light on/off. Heatit Z-Dim2 or the external switch can be used as a scene controller.
The dimmer can wirelessly connect to other devices via associations.

The Heatit Z-Dim2 features active power monitoring, providing real-time information about your power consumption.

PRODUCT FEATURES

- Z-Wave rotary dimmer
- 2-wire
- 5W - 250W LED
- Rotary and push dimming
- Nemko certified
- Active power metering
- SmartStart
- Max. dim level auto-calibration
- Firmware update (OTA)
- Overload protection
- Short circuit protection
- Surge protection
- Overheat protection
- External switch
- Min. dim level adjustable
- Supports encryption mode S0, S2 Authenticated Class, S2 Unauthenticated Class

ADDITIONAL INFO

IP Code	IP21
Certification	Reach, RoHS
Warranty international	2 years
Customs number	85437000

IOT / SMART HOME SPECIFIC DATA

Primary IoT Protocol	Z-Wave
Z-Wave Frequency	Z-Wave - 868.4 MHz (EU)
Z-Wave Chip	Z-Wave 700 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

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^2
Max tightening torque connections	2N·m
Connection type	Screw clamps
Method of control	Push and Rotary Dimming

PRODUCT DIMENSIONS

Product length	94mm	Product Width	90mm
Product height/diameter	70mm	Product net weight	139g

MAINTENANCE

The device is maintenance-free. Indoor use only.

ADDITIONAL INFORMATION

Expected Response Time in Z-Wave-Based Systems.
Z-Wave–based smart home systems use wireless communication in a mesh network, where each command is confirmed before it is considered completed. When a wireless device, such as a switch, thermostat, or sensor, is used to control another device (for example a dimmer or relay), the command is transmitted as a radio signal. The signal may be routed through one or more devices in the network before it reaches its destination.
Control may take place directly between devices or via a central unit (gateway). When scenes, associations, automations, or central logic are used, the command is processed there before being forwarded, which may result in a slight delay compared to direct wired control.
A delay of approximately 0.5–2 seconds is considered normal and expected in Z-Wave systems, and will vary depending on network structure, number of devi

Working frequency 868.4MHz. Max output power 12,49dBm.
The distance between user and products should be no less than 20 cm.

Standards: CE, Nemko, Z-Wave Plus

RETURN AND RECYCLING

The product must be recycled as electronic waste.

DISCLAIMER

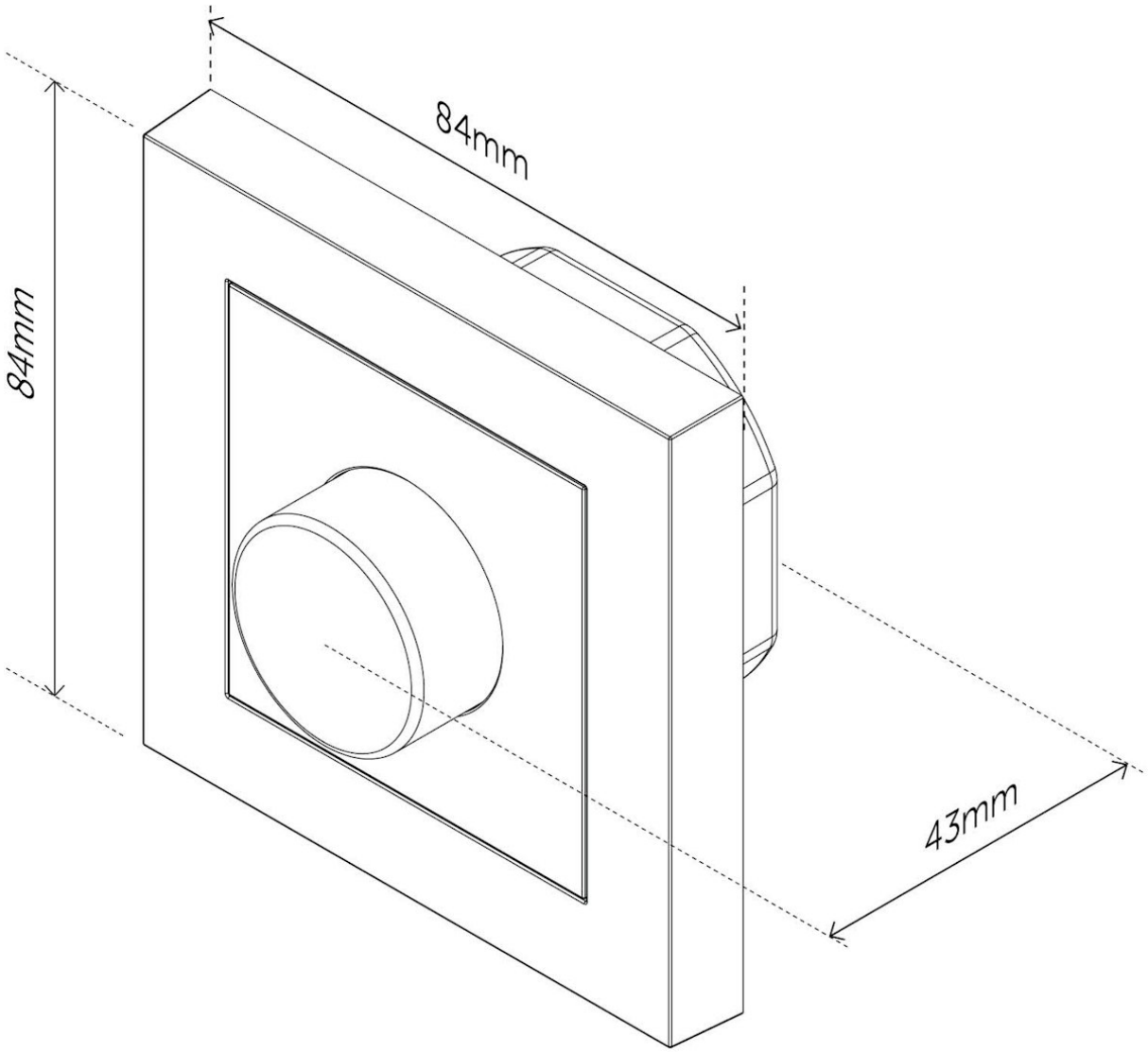
Dimming may be challenging, and we recommend checking the compatibility of different light sources before installation.

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

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

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 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.


84mm
84mm
43mm