heatit

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
- Supports encryption mode S0, S2 Authenticated Class, S2 Unauthenticated Class

- Firmware update (OTA)
- Overload protection
- Short circuit protection
- Surge protection
- Overheat protection
- External switch
- Min. dim level adjustable

IOT / SMART HOME SPECIFIC DATA

Z-Wave Frequency	Z-Wave - 868.4 MHz (EU)
Z-Wave Chip	Z-Wave 700 chip
Min radio frequency range	40m
Over The Air update (OTA)	Yes
Push buttons	2
Z-Wave encryption mode	S2 Unauthenticated Class S2 Authenticated Class S0
Primary IoT Protocol	Z-Wave

PRODUCT DATA

Colour	White RAL 9003
Mounting	European Junction Box
Min. and max ambient humidity (RH%)	10 to 85%
Ambient temperature range in storage	-30 to 70℃
Ambient temperature range in use	5 to 40℃

STANDARDS

Certification	Reach, RoHS
IP Code	IP21

ELECTRO TECHNICAL DATA

Voltage	230VAC 50Hz
Own power usage	1W
Power	5 to 250W
Method of regulation	Push and Rotary Dimming
Connection type	Screw clamps
Connection terminals diameter	0.2 to 2.5mm^2
Max tightening torque connections	2N·m
Voltage Output	230VAC 50Hz
Grounding	No

WARRANTY

Warranty international	2 years

heatit CONTROLS

RoHS Compliant   REACH Compliance   N   CE

heatit

PRODUCT DIMENSIONS

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

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.

NB! 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.

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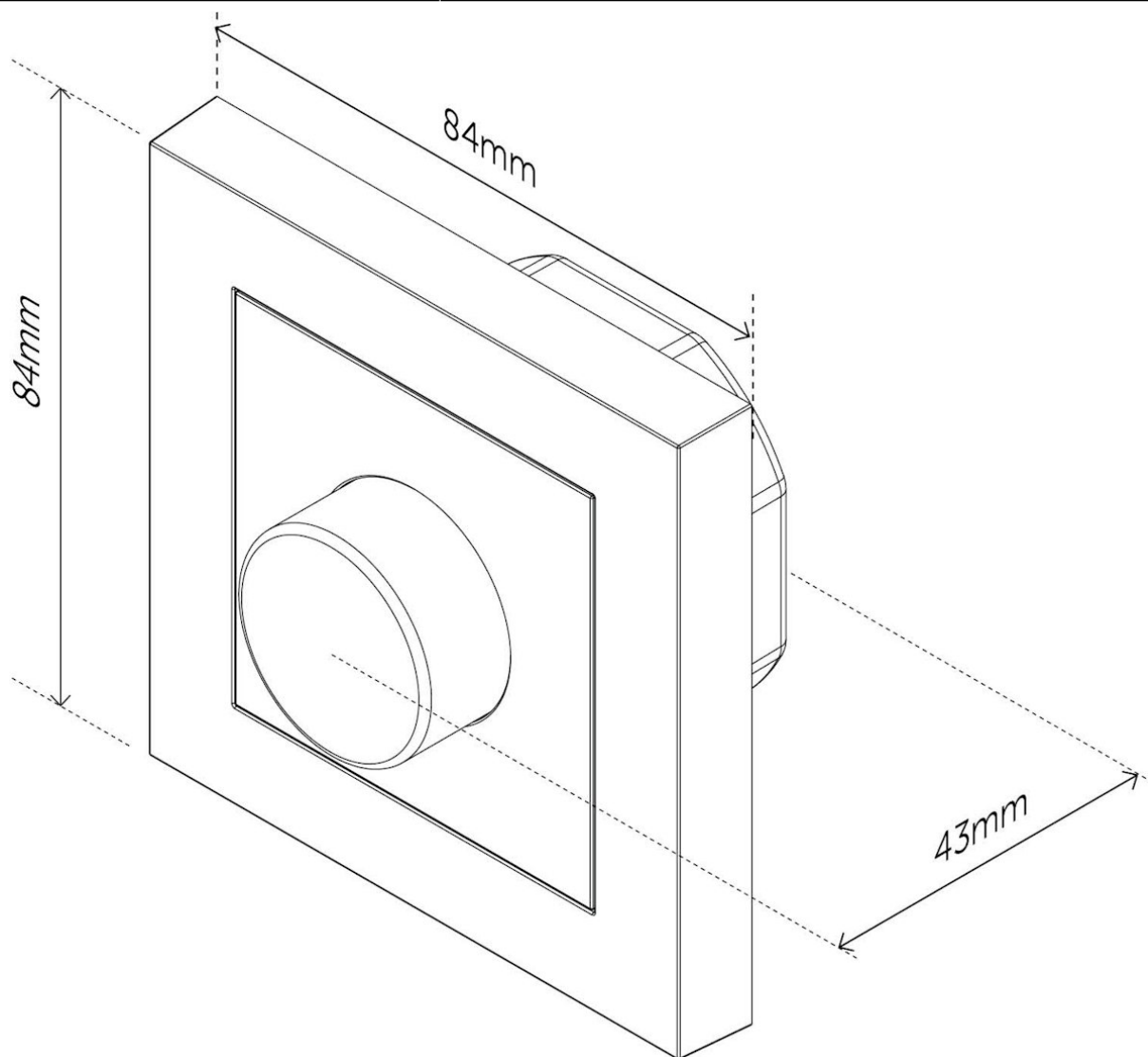The distance between user and products should be no less than 20 cm.

PRODUCT INFO 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 AB can not be held liable for any type of errors or omittances in our product information.
Product specifications may change without further notice.

heatit
CONTROLS

Heatit Controls AB
Läkarvägen 4, 454 31 BRASTAD, Sweden
Tel: +47 61 18 77 77 | post@heatit.com
heatit.com | **documents.heatit.com**

RoHS Compliant · REACH Compliance · N · C E

Ver. EN2504-431
Page:2/3

84mm

84mm

43mm

Heatit Z-Dim2 250W can be ordered from www.heatit.com/1444440
All additional documentation are available on the above adress and on **documents.heatit.com/1444440**

‖‖heatit
CONTROLS

Heatit Controls AB
Läkarvägen 4, 454 31 BRASTAD, Sweden
Tel: +47 61 18 77 77 | post@heatit.com
heatit.com | **documents.heatit.com**

RoHS Compliant

REACH Compliance

N

CE

Ver. EN2504-431
Page:3/3