



AREAS OF USE

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

MAINTENANCE

The device is maintenance-free. Indoor use only.

AREAS OF USE

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.

HEATIT Z-DIM2 250W

Z-Wave Rotary Dimmer

EI-nummer 1444440

GTIN 7071236016410

Heatit Z-Dim2 is a Z-Wave rotary dimmer for many different types of light fixtures. The dimmer works on most low loads without causing flickering. Heatit Z-Dim2 is very well suited for LED.

The dimmer is equipped with an external switch option. This allows you to dim and turn on/off the light.

The dimmer fits in an European electrical wall box and can be used with most frames that are adapted to System 55.

Heatit Z-Dim2 has active power metering and it gives you 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 700 chip
Min radio frequency range	40m
Over The Air update (OTA)	Yes
Z-Wave encryption mode	S0 S2 Authenticated Class S2 Unauthenticated Class
Certifications	Z-Wave Plus v2

ELECTRO TECHNICAL DATA

Voltage	230V 50Hz
Power	5 til 250W
Ambient temperature range in use	5 til 40°C
Min. and max ambient humidity (RH%)	10 til 85%
Method of regulation	Push and Rotary Dimming
Connection type	Screw clamps
Connection terminals diameter	0.2 til 2.5mm ²
Max tightening torque connections	2N·m
Protection grade (IP)	IP21
Declarations	CE declaration




INSTALLATION AND STORAGE DATA

Ambient temperature range in storage	-30 til 70°C	Max installation temperature	40°C
Min installation temperature	5°C	Assembly / mounting location	European Junction Box

PRODUCT DIMENSIONS

Product width	84mm	Product height	84mm
Product length	43mm	Product weight	79g

LOGISTICAL DATA (F-PACK)

Quantity	1	Width	94mm
Height/diameter (ø/mm)	70mm	Length	90mm
Weight	139g	Unit	PCE

LOGISTICAL DATA (M-PACK)

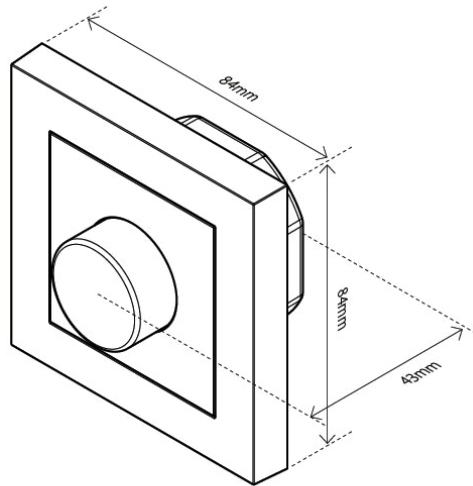
Width	205mm	Height	105mm
Length	375mm	Weight	1650g
Unit	PCE	Quantity	10

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 a 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.

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 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

