HEATIT ZM SINGLE RELAY 16A

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Heatit ZM Single Relay 16A

Art.no	4512671
GTIN	7071236015604

Smart Relay
Heatit ZM Single Relay is a 16A relay suitable for all types of resistive loads. The relay enables the user to control the load from the Z-Wave network or an external switch. Heatit ZM Single Relay is an inwall relay for installation in European electrical wall boxes.
The Heatit ZM Single Relay has active power metering and it gives you real time information about your power consumption.

Electrical Load Compatibility
The relay is designed specifically for resistive loads.
When controlling large resistive, capacitive, or inductive loads, it is essential to use an appropriate contactor to protect the relay from excessive load to ensure safe operation.

The realy can withstand a resistive load of up to 16A/3600W at 230VAC. For loads above 13A, we recommend using a contactor.

PRODUCT FEATURES

- Z-Wave
- 16A/3600W resistive loads
- SmartStart
- Scene Controller
- High power relay for inwall installations
- Supports encryption modes S0, S2 Authenticated Class, S2 Unauthenticated Class
- ZeroX detection
- Firmware update (OTA)
- Active power metering

PRODUCT DATA

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

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 Unauthenticated Class S2 Authenticated Class
Min radio frequency range	40m
Over The Air update (OTA)	Yes
Contacts type	Normally Closed

ADDITIONAL INFO

IP Code	IP20
Certification	Reach, RoHS
Warranty international	2 years
Customs number	85365000
Country of origin	CN

ELECTRO TECHNICAL DATA

Voltage	230VAC 50Hz
Voltage Output	230VAC 50Hz
Max load (resistive load)	3600W
Max load (resistive load)	16A
Connection terminals diameter	0.2 to 2.5mm^2
Max tightening torque connections	2N·m
Connection type	Screw clamps
Method of control	Regulation via App

PRODUCT DIMENSIONS

Product height/diameter	65mm	Product Width	65mm
Product length	45mm	Product net weight	64g

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 devices, signal path, and network load.

Standards: CE, EN 60669-1:2004/ A12:2010, EN 60669-1:2018, EN 60669-2-1:2004 + A1:2009, EN 60669-2-5:2016, EN 62479:2010, ETSI EN 300 220-2 V3.1.1 (2017-02), ETSI EN 301 489-3 V2.1.1(2017-03), IEC 965-2-1, RoHS 2002/95/EG, WEE 2002/96/EC, Z-Wave Plus

RETURN AND RECYCLING

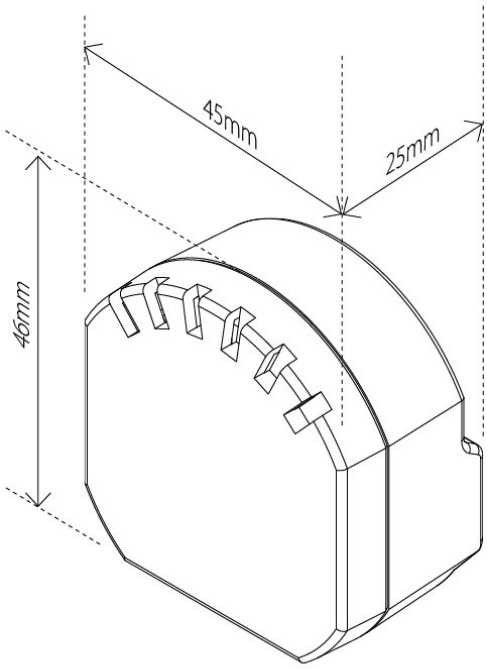
The product must be recycled as electronic waste.

DISCLAIMER

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.


45mm
25mm
46mm