HEATIT Z-DIN 616

6 x 16A Z-Wave relay for DIN rail

Art.no	4512561
GTIN	7071236014324

Heatit Z-DIN 616 is a 6 x 16A potensial free relay for DIN-rail mounting. The module is equipped with 6 relay switches and 6 digital inputs.

The 6 independent relay switches can be controlled freely through the Z-Wave network and may be used for many different purposes. For example, the 6 digital inputs may be connected to potential-free connectors or open collector outputs, and the inputs allow you to control other Z-Wave devices by sending commands through the Z-Wave network.

The Heatit DIN-rail module can be used for connecting 6 x 230VAC loads freely controllable from the Z-Wave network. All 6 relay outputs are galvanically separated. The 6 inputs of the DIN-rail module allow you to activate predefined scenes in a Z-Wave primary controller.

PRODUCT FEATURES

DIN-rail module with 6 relay outputs and 6 digital inputs
6 x 16A potential free relays
Z-Wave interface for other systems in order to control them through the Z-Wave network
Mounted on DIN-rail in switchboard
Potential free circuit control
2-pole switch solution when using 2 x relays combined
Firmware update (OTA)
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 500 chip
Alternate IoT-communication protocols	No alternative communication protocols
Min radio frequency range	40m
Over The Air update (OTA)	Yes
Input connections	6 x 1-pol load (potential free 5mm distance), max10V DC
Contacts type	Common Normally Open
Outputs	AC15: 360VA AC1: 16A 250V AC AC3: 750W (motor) 6 x 1-pole load (potential free)
Input impendance	10kΩ
Z-Wave encryption mode	S2 Unauthenticated Class S0 S2 Authenticated Class
Primary IoT Protocol	Z-Wave

ELECTRO TECHNICAL DATA

Voltage	24VDC
Max load (resistive load)	40W
Own power usage	0.6W
Max load (resistive load Ampere)	16A
Connection type	Screw clamps
Connection terminals diameter	0.2 til 2.5mm²
Max tightening torque connections	2N·m

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.

PRODUCT INFO RETURN AND RECYCLING

The product must be recycled as electronic waste.

STANDARDS

EN Standards	EN 50491-3:2009 RoHS 2011/65/EU CE EN 60669-2: 2004 EMC 2014/30/EU LVD 2014/35/EU	Certification	RoHS Reach
IP Code	IP20		

WARRANTY

Warranty Norway	5 years	Warranty international	2 years

LOGISTICAL DATA (F-PACK)

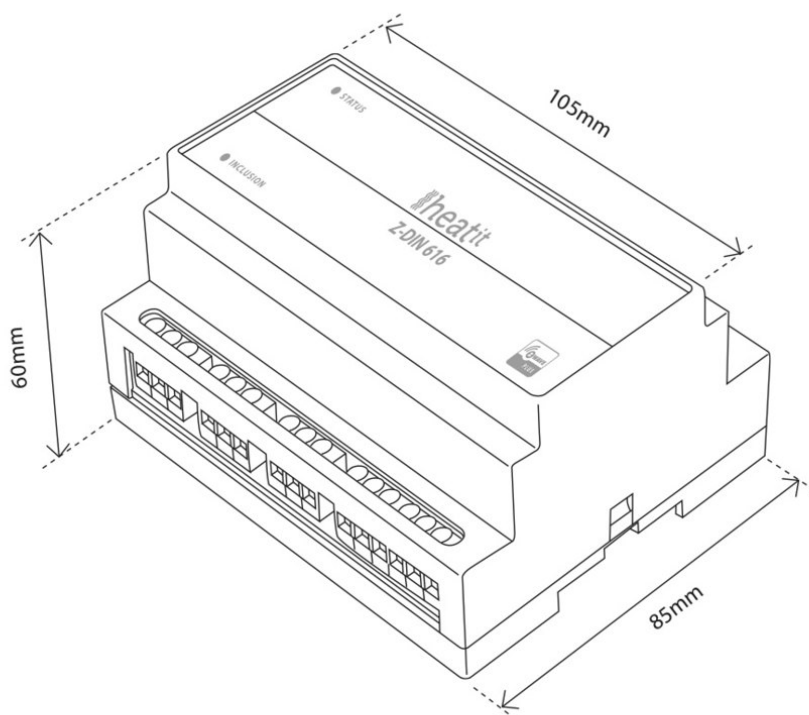| Width	98mm	Height/diameter	67mm
Length	138mm	Weight	280g
GTIN	7071236014324	Unit	BOX
Consists of unit	EA	Quantity	1

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.

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CONTROLS

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

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Ver. EN2405-195
Page:2/3

Heatit Z-DIN 616 can be ordered from www.heatit.com/4512561
All additional documentation are available on the above adress and on **documents.heatit.com/4512561**

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Page:3/3