



## 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 potential 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

### 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.

### IOT / SMART HOME SPECIFIC DATA

Z-Wave Frequency	Z-Wave - 868.4 MHz (EU)
Z-Wave Chip	Z-Wave 500 chip
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	6 x 1-pole load (potential free) AC15: 360VA AC1: 16A 250V AC AC3: 750W (motor)
Input impedance	10kΩ
Z-Wave encryption mode	S0 S2 Authenticated Class S2 Unauthenticated Class

### ELECTRO TECHNICAL DATA

Voltage	24V
Max load (resistive load)	40W
Max current	80A
Own power usage	0.6W
Ambient temperature range in use	5 til 40°C
Connection type	Screw clamps
Connection terminals diameter	0.2 til 2.5mm <sup>2</sup>
Max tightening torque connections	2N·m
Protection grade (IP)	IP20
Declarations	CE declaration


**INSTALLATION AND STORAGE DATA**

Assembly / mounting location      DIN Rail

**PRODUCT DIMENSIONS**

Product width	105mm	Product height	85mm
Product length	58mm	Product weight	239g

**LOGISTICAL DATA (F-PACK)**

Width	0mm	Height/diameter	0mm
Length	0mm	Weight	0g
GTIN	-	Unit	
Consists of unit		Quantity	

**DISCLAIMER**

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.thermo-floor.no/www.heatit.com](http://www.thermo-floor.no/www.heatit.com) og/eller [documents.thermo-floor.no/documents.heatit.com](http://documents.thermo-floor.no/documents.heatit.com)  
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