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PRODUCT FEATURES

- 6 x 16A potential free relays
- Firmware update (OTA)
- · Potential free circuit control
- DIN-rail module with 6 relay outputs and 6 digital inputs
- Z-Wave interface for other systems in order to control them through the Z-Wave network
- Mounted on DIN-rail in switchboard
- 2-pole switch solution when using 2 x relays combined
- Supports encryption mode S0, S2 Authenticated Class, S2 Unauthenticated Class

PRODUCT DATA

Ambient temperature range in use	5 to 40°C
Colour	Grey

ADDITIONAL INFO

IP Code	IP20
Certification	Reach, RoHS
Warranty international	2 years
Customs number	85365000

HEATIT Z-DIN 616



Z-Wave

6 x 16A Z-Wave relay for DIN rail

Art.no 4512561

GTIN 7071236014324

Heatit Z-DIN 616 is a $6 \times 16A$ 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.

IOT / SMART HOME SPECIFIC DATA

Primary IoT Protocol

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Alternate IoT-communication protocols	No alternative communication protocols
Z-Wave Frequency	Z-Wave - 868.4 MHz (EU)
Z-Wave Chip	Z-Wave 500 chip
Z-Wave encryption mode	S2 Unauthenticated Class S0
	S2 Authenticated Class
Min radio frequency range	40m
Over The Air update (OTA)	Yes
Outputs	AC15: 360VA AC1: 16A 250V AC AC3: 750W (motor) 6 x 1-pole load (potential free)
Contacts type	Common Normally Open
Input connections	6 x 1-pol load (potential free 5mm distance), max10V DC
Input impendance	10kΩ

ELECTRO TECHNICAL DATA

Voltage	24VDC
Voltage Output	24VDC
Own power usage	0.6W
Max load (resistive load)	40W
Max load (resistive load)	16A
Max ambient temperature	40°C
Connection terminals diameter	0.2 to 2.5mm ²
Max tightening torque connections	2N·m
Connection type	Screw clamps













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	PRO I	DUCT	DIMENSIONS
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Product height/diameter	70mm	Product Width	140mm
Product length	100mm	Product net weight	280g

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.

Heatit Controls AB declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

Standards: CE, EMC 2014/30/EU, EN 50491-3:2009, EN 60669-2: 2004, LVD 2014/35/EU, RoHS 2011/65/EU

RETURN AND RECYCLING

The product must be recycled as electronic waste.

PRODUCT DIMENSIONS

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

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 AS can not be held liable for any type of errors or omittances in our product information.

Product specifications may change without further notice.

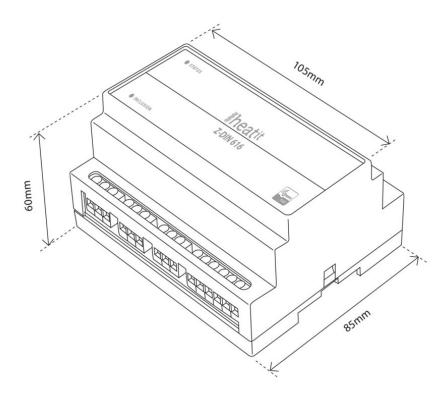












Heatit Z-DIN 616 can be ordered from www.heatit.com/4512561

All additional documentation are available on the above adress and on documents.heatit.com/4512561









