

HEATIT

Z-RELAY 25A



Heatit Z-Relay multipurpose relay module may be used for many different applications. The IP 55 rated casing makes it useful for any outdoor application. Can pull loads up to 25A.

The relay has 3 inputs that may be used in combination.

Heatit Z-Relay is a multipurpose product and may be used for the following applications:

- Leakage control
- Temperature control
- Energy metering of boilers
- Varied outdoor applications

The relay can be used with different NTC temperature sensors. It has firmware updates (OTA), power metering and S2 security.

PRODUCT INFO Heatit Z-Relay 25A

FEATURES

- Multipurpose product for many different applications
- Relay 25A
- 3 inputs
- External antenna option
- Can be used in connection with different NTC-sensors
- Calibration
- Associations
- Firmware updates (OTA)
- Power metering
- Supports encryption mode: S0, S2 Authenticated Class, S2 Unauthenticated Class

This product is a security-enabled Z-Wave Plus product with encryption. The product must be used with a security-enabled Z-Wave Controller to fully utilize the product.

TECHNICAL DATA

Protocol	Z-Wave
Rated voltage	230VAC 50/60Hz
Max current	25A
Power consumption	0.8W standby
Ambient temperature	5°C to 40°C
Compatible with NTC sensors with values	10, 12, 15, 22, 33 and 47 kΩ @ 25°C
Range RF	Min 40 meters
IP Code	IP 55
Size (LxWxD)	104 x 104 x 46 mm

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

MAINTENANCE

The device is maintenance-free.

WARRANTY	2 years
----------	---------

ART. NO.	PRODUCT	FREQUENCY
45 125 54	Heatit Z-Relay 25A	EU 868,4MHz
45 124 78	Probe for leakage sensor	
88 114 85	Bürkert solenoid valve 1/2" 230V - 8W	
88 114 86	Bürkert solenoid valve 3/4" 230V - 8W	

The product is also available in other Z-Wave frequency versions on request.

APPLICATIONS

- **LEAKAGE CONTROL**
- **TEMPERATURE CONTROL**
- **ENERGY METERING OF BOILERS**
- **VARIED OUTDOOR APPLICATIONS**

LEAKAGE CONTROL

LEAKAGE CONTROL WITH SOLENOID VALVE

We have developed the relay module to work with our leakage sensor. You can control the solenoid valve in order to turn off the water supply when you are away. Automatically close the valve when there is a leak. The relay can be associated with several leakage sensors.



ENERGY METERING OF BOILERS

Heatit Z-Relay may be used for energy metering of boilers. You can easily measure the power consumption of your boiler in order to keep control of the costs.



TEMPERATURE CONTROL

HEATING/COOLING

Any electrical heating and cooling may be controlled through temperature sensors. Set comfort temperature or use max/min limitation settings. May be used in connection with Heatit Z-Temp2 thermostat for optimal control.



OUTDOOR APPLICATIONS

The relay has a IP 55 casing and can be used for any conceivable application outdoors, from watering your garden to frost protection or controlling any heating device.