

HEATIT Z-RELAY



Heatit Z-Relay multipurpose relay module can be used for many different applications. The IP 55 rated casing makes it useful for any outdoor application. Can pull loads up to 16A and 25A. The relay has 3 inputs, 2 x temperature sensors and 1 x leakage sensor. We also offer a firmware with digital inputs.

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

- Boiler control
- Leakage control
- Temperature control
- Outdoor applications

The relay has 3 x analog/digital inputs (different firmware) and can be used with a lot of different sensors and meters. The relay comes in two different versions, 16A and 25A. They both have firmware updates (OTA), power metering and S2 security.

We are able to make special firmware if a customer has a special requirement.

PRODUKTINFO Heatit Z-Relay

FEATURES

- Multipurpose product for many different applications
- Relay 16A or 25A
- 2 x External sensors
- 1 x Leakage sensor
- Firmware updates (OTA)
- Power metering
- Multilevel sensor command class
- Supports encryption mode: S0, S2 Access Control Class, S2 Authenticated Class, S2 Unauthenticated Class
- Analog/digital inputs (different firmware versions)
- Can be used in connection with different NTC-sensors
- Calibration
- Associations

TECHNICAL DATA

Protocol	Z-Wave Plus (Pending Certification) - 500 Series
SDK	6.71.00
Rated voltage	230V 50/60Hz
Max load	3600W/5750W (resistive load) 750W self-limiting heating cable
Max current	16A or 25A
Power consumption	2,0W
Min/max installation temp	-20°C - 40°C
Min/max operating temp	-20°C - 40°C 2 x External sensors -20°C - 100°C
Hysteresis	0,3°C - 3,0°C (default 0,5°C)
Compatible with NTC sensors with values	10, 12, 15, 22, 33 and 47 kΩ @ 25°C
Range	Up to 30 meters (depending on surroundings)
IP Class	IP 55
Size (LxWxD)	100 x 100 x 46 mm

WARRANTY

2 years

ART. NO.	PRODUCT	Z-WAVE FREQUENCY
99 124 10	Heatit Z-Relay 16A	EU 868,4 MHz
99 124 11	Heatit Z-Relay 16A	BR 921,4 MHz
99 124 12	Heatit Z-Relay 16A	US 908,4 MHz
99 124 13	Heatit Z-Relay 16A	RU 869 MHz
99 124 14	Heatit Z-Relay 16A	US2 916 MHz
99 124 15	Heatit Z-Relay 16A	IND 865,2 MHz

ART. NO.	PRODUCT	Z-WAVE FREQUENCY
99 124 30	Heatit Z-Relay 25A	EU 868,4 MHz
99 124 31	Heatit Z-Relay 25A	BR 921,4 MHz
99 124 32	Heatit Z-Relay 25A	US 908,4 MHz
99 124 33	Heatit Z-Relay 25A	RU 869 MHz
99 124 34	Heatit Z-Relay 25A	US2 916 MHz
99 124 35	Heatit Z-Relay 25A	IND 865,2 MHz

Product specifications may change without further notice. All electrical installations must be carried out by a licensed electrician. The product must be installed in accordance with national building codes and our installers manual.

APPLICATIONS



- **BOILER CONTROL**
- **LEAKAGE CONTROL**
- **TEMPERATURE CONTROL**
- **OUTDOOR APPLICATIONS**

LEAKAGE CONTROL

LEAKAGE CONTROL WITH SOLENOID

We have developed the relay module to work with our leakage sensor. You can control the solenoid so you 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.



BOILER CONTROL

We offer two different relay modules 16A or 25A for boiler control. You can control your boiler and we have included power metering so you are able to keep control over the costs.



TEMPERATURE CONTROL

HEATING/COOLING

We are able to control any electrical heating and cooling with the 2 x sensors. Either comfort temperature or max or min limitations. Can be used in connection with Heatit Z-Temp sensor for optimal control.



OUTDOOR APPLICATIONS

The relay has a IP 55 casing and can be used for any thinkable application outdoors. Anything from watering in your garden, frost protection or control of any heating device.