

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 three inputs: analog or digital. You can use both analog and digital inputs, or a combination.

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 analog/digital inputs and can be used with a lot of different sensors and meters, from water meter pulse sensors to NTC temperature sensors.

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.

ART. NO.	PRODUCT	Z-WAVE FREQUENCY
45 125 53	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

PRODUKTINFO Heatit Z-Relay

FEATURES

- Multipurpose product for many different applications
- Relay 16A or 25A
- 3 inputs. Combinations of analog/digital inputs of your choice
- External antenna option
- Can be used in connection with different NTC-sensors
- Calibration
- Associations
- Firmware updates (OTA)
- Power metering
- Multilevel sensor command class
- Supports encryption mode: S0, S2 Access Control Class, S2 Authenticated Class, S2 Unauthenticated Class

TECHNICAL DATA

Protocol	Z-Wave
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	0,8W standby
Min/max installation temp	-20°C - 40°C
Min/max operating temp	-20°C - 40°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 50 meters (depending on surroundings)
IP Class	IP 55
Size (LxWxD)	100 x 100 x 46 mm
Approvals	Z-Wave Plus EN 50491-3: 2009 EN 60669-2: 2004 CE EMC 2014/30/EU RoHS 2011/65/EU LVD 2014/35/EU

WARRANTY

2 years

ART. NO.	PRODUCT	Z-WAVE FREQUENCY
45 125 54	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
45 124 78	Probe for leakage sensor	
88 114 85	Bürkert solenoid valve 1/2"	
88 114 86	Bürkert solenoid valve 3/4"	

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 valve 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 temperature 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.