

Qubino

Product catalogue

[Page 2 | Flush dimmer](#)

[Page 3 | Flush 1 relay \(Z-Wave Plus\)](#)

[Page 4 | Flush 1D relay \(Z-Wave Plus\)](#)

[Page 5 | Flush 2 relays \(Z-Wave Plus\)](#)

[Page 6 | Flush shutter \(Z-Wave Plus\)](#)

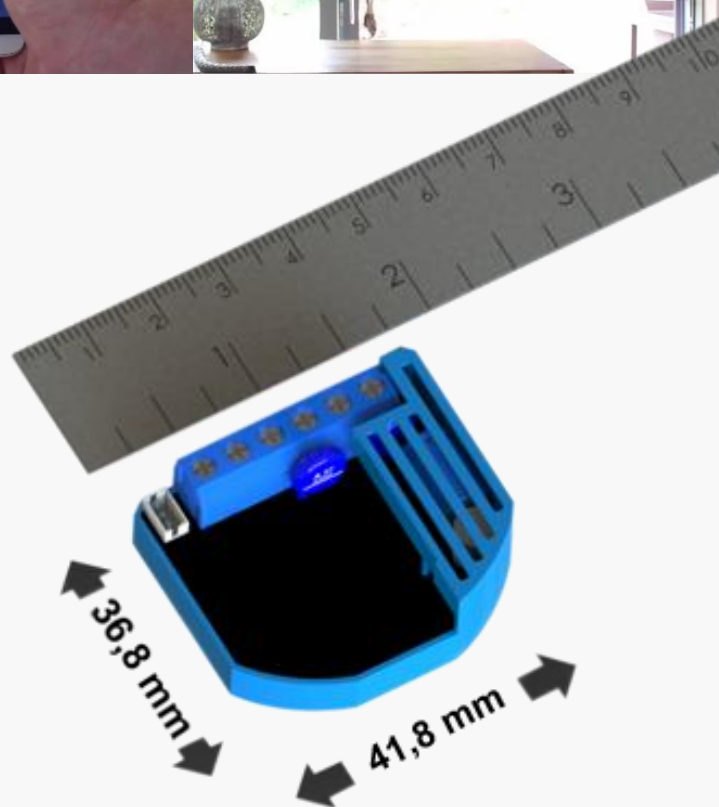
[Page 7 | Flush shutter DC \(Z-Wave Plus\)](#)

[Page 8 | Flush on/off thermostat](#)

[Page 9 | Flush heat & cool thermostat](#)

[Page 10 | Flush PWM thermostat](#)

[Page 11 - 12 | Accessories list](#)

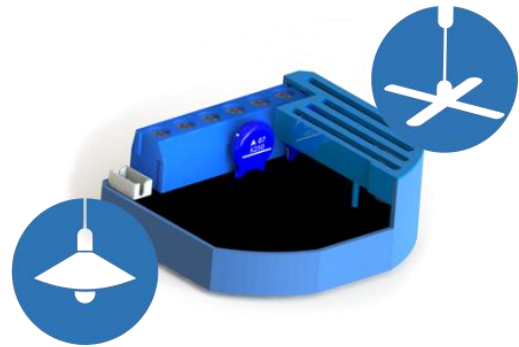
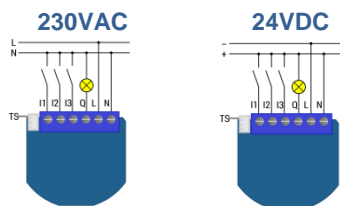


Flush dimmer

ORDERING CODE	Z-WAVE FREQUENCY	COUNTRY/REGION
ZMNHDA2	868,4 MHz	CEPT (EU, ...), China, Singapore, South Africa, UAE
ZMNHDA3	921,4 MHz	Australia, Brazil, New Zealand
ZMNHDA4	908,4 MHz	Chile, Mexico, USA/Canada
ZMNHDA5	869,0 Mhz	Russia

This module is used for dimming the light or to manage the speed of a fan. The module can be controlled either through a Z-Wave network or through the wall switch. The module is designed to be mounted inside a "flush mounting box" and is hidden behind a traditional wall switch.

Wiring diagram



ADVANTAGES

The first (**MOSFET switching**) dimming module in the world which also supports control of:

- low voltage halogen lamps with electronic transformer,
- dimmable compact fluorescent light.

Safety test of **temperature rise, construction requirements, insulation resistance and electric strength, overload test** according to EN 60669-2-1 standard done by an independent institute (SIQ – Slovenian Institute of Quality and Metrology).

The smallest dimming module in the world.

Special designed casing ensure the most simplified installation (ease of cabling fixing) inside a flush mounting box.

PROVED and TESTED BY PROFESSIONAL ELECTRICIANS! Extremely **low energy consumption**: less than 0,7W.

Extended operating temperatures from -10 to 40°C.

Support for the connection of **digital temperature sensor**. **Power consumption measurement**.

2 binary inputs offer the option to connect additional devices such as sensors, switches/push buttons, etc, ...

TECHNICAL DATA

Power supply	110 - 230VAC $\pm 10\%$ 50/60Hz, 24-30VDC
Rated load current of AC output	0,85A / 230VAC
Rated load current of DC output	0,85A / 30VDC
Output circuit power of AC output (resistive load)	200W (230VAC)
Output circuit power of DC output (resistive load)	21W (24VDC)
Power monitoring accuracy	$\pm 2W$
Frequency Range	868.4 MHz, 921.4 MHz, 908.4 MHz, 869.0 Mhz, Z-Wave
Digital temperature sensor range (sensor must be ordered separately)	-50 ~ 125°C
Operation temperature	-10 ~ 40°C
Distance	up to 30 m indoors (depending on building materials)
Dimensions (W x H x D)	41,8 x 36,8 x 15,4mm
Package dimensions (W x H x D)	79 x 52 x 22mm
Weight	28g
Brutto weight (packaging included)	34g
Electricity consumption	0,7W
For installation in boxes	$\varnothing \geq 60\text{mm}$ or 2M
Switching	MOSFET

Additional information is available in the technical specifications.

PACKAGE CONTAINS

1 module and 1 User manual



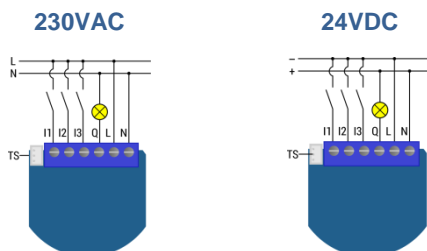


Flush 1 relay

ORDERING CODE	Z-WAVE FREQUENCY	COUNTRY/REGION
ZMNHAD1	868,4 MHz	CEPT (EU, ...), China, Singapore, South Africa, UAE
ZMNHAD2	921,4 MHz	Australia, Brazil, New Zealand
ZMNHAD3	908,4 MHz	Chile, Mexico, USA/Canada
ZMNHAD4	869,0 Mhz	Russia

This module is used for switching On or Off the electrical device (e.g. light, fan, etc ...). The module can be controlled either through a Z-Wave network or through the wall switch. The module is designed to be mounted inside a "flush mounting box" and is hidden behind a traditional wall switch.

Wiring diagram



ADVANTAGES



OMRON relay used for switching ensure long durability and top quality.

Safety test of **temperature rise, construction requirements, insulation resistance and electric strength, overload test** according to EN 60669-2-1 standard done by an independent institute (SIQ – Slovenian Institute of Quality and Metrology).

The smallest 1 relay module in the world.

Special designed casing ensure the most simplified installation (ease of cabling fixing) inside a flush mounting box. **PROVED and TESTED BY PROFESSIONAL ELECTRICIANS !**

Extremely **low energy consumption**: less than 0,4W.

Extended operating temperatures from -10 to 40°C.

Support for the connection of **digital temperature sensor**.

Power consumption measurement.

2 binary inputs offer the option to connect additional devices such as sensors, switches/push buttons, etc, ...

TECHNICAL DATA

Power supply	110 - 230VAC ±10% 50/60Hz, 24-30VDC
Rated load current of AC output (resistive load)	1 X 10A / 230VAC
Rated load current of DC output (resistive load)	1 X 10A / 30VDC
Output circuit power of AC output (resistive load)	2300W (230VAC)
Output circuit power of DC output (resistive load)	240W (24VDC)
Power monitoring accuracy	P=5-50W, +/-3W; P>50W, +/-3%;
Frequency Range	868.4 MHz, 921.4 MHz, 908.4 MHz, 869.0 Mhz, Z-Wave
Digital temperature sensor range (sensor must be ordered separately)	-50 ~ 125°C
Operation temperature	-10 ~ 40°C
Distance	up to 30 m indoors (depending on building materials)
Dimensions (W x H x D)	41,8 x 36,8 x 15,4mm
Package dimensions (W x H x D)	79 x 52 x 22mm
Weight	28g
Brutto weight (packaging included)	34g
Electricity consumption	0,4W
For installation in boxes	Ø ≥ 60mm or 2M
Switching	Relay

Additional information is available in the technical specifications.

PACKAGE CONTAINS

1 module and 1 User manual





Flush 1D relay

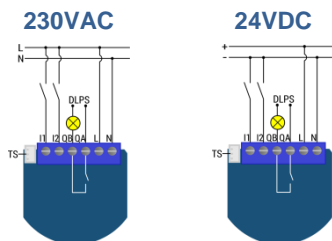
ORDERING CODE	Z-WAVE FREQUENCY	COUNTRY/REGION
ZMNHND1	868,4 MHz	CEPT (EU, ...), China, Singapore, South Africa, UAE
ZMNHND2	921,4 MHz	Australia, Brazil, New Zealand
ZMNHND3	908,4 MHz	Chile, Mexico, USA/Canada
ZMNHND4	869,0 Mhz	Russia

This module is used for switching On or Off the electrical device (e.g. light, fan, etc ...). Output contact is voltage free (dry contact), so also loads with different power supply can be connected to the module.

The module can be controlled either through a Z-Wave network or through the wall switch. The module is designed to be mounted inside a "flush mounting box" and is hidden behind a traditional wall switch.



Wiring diagram



ADVANTAGES

Dry contact – voltage free

OMRON relay used for switching ensure long durability and top quality.

Safety test of **temperature rise, construction requirements, insulation resistance and electric strength, overload test** according to EN 60669-2-1 standard done by an independent institute (SIQ – Slovenian Institute of Quality and Metrology).

The smallest 1 relay module in the world.

Special designed casing ensure the most simplified installation (ease of cabling fixing) inside a flush mounting box. PROVED and TESTED BY PROFESSIONAL ELECTRICIANS !

Extremely **low energy consumption**: less than 0,4W.

Extended operating temperatures from -10 to 40°C.

Support for the connection of **digital temperature sensor**.

2 binary inputs offer the option to connect additional devices such as sensors, switches/push buttons, etc, ...

TECHNICAL DATA

Power supply	110 - 230VAC ±10% 50/60Hz, 24-30VDC
Rated load current of AC output (resistive load)	1 X 10A / 230VAC
Rated load current of DC output (resistive load)	1 X 10A / 30VDC
Output circuit power of AC output (resistive load)	2300W (230VAC)
Output circuit power of DC output (resistive load)	240W (24VDC)
Frequency Range	868.4 MHz, 921.4 MHz, 908.4 MHz, 869.0 Mhz, Z-Wave
Digital temperature sensor range (sensor must be ordered separately)	-50 ~ 125°C
Operation temperature	-10 ~ 40°C
Distance	up to 30 m indoors (depending on building materials)
Dimensions (W x H x D)	41,8 x 36,8 x 15,4mm
Package dimensions (W x H x D)	79 x 52 x 22mm
Weight	28g
Gross weight (packaging included)	34g
Electricity consumption	0,4W
For installation in boxes	Ø ≥ 60mm or 2M
Switching	Relay

Additional information is available in the technical specifications.

PACKAGE CONTAINS

1 module and 1 User manual





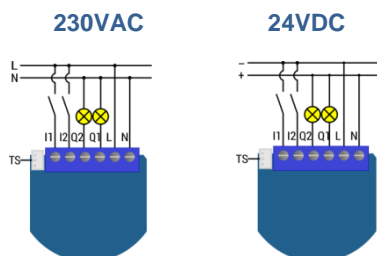
Flush 2 relays

ORDERING CODE	Z-WAVE FREQUENCY	COUNTRY/REGION
ZMNHBD1	868,4 MHz	CEPT (EU, ...), China, Singapore, South Africa, UAE
ZMNHBD2	921,4 MHz	Australia, Brazil, New Zealand
ZMNHBD3	908,4 MHz	Chile, Mexico, USA/Canada
ZMNHBD4	869,0 Mhz	Russia

This module is used for switching On or Off two electrical devices (e.g. lights, fans, etc ...). The module can be controlled either through a Z-Wave network or through the wall switches. The module is designed to be mounted inside a "flush mounting box" and is hidden behind a traditional wall switch.



Wiring diagram



ADVANTAGES



OMRON relays used for switching ensure long durability and top quality.

Safety test of **temperature rise, construction requirements, insulation resistance and electric strength, overload test** according to EN 60669-2-1 standard done by an independent institute (SIQ – Slovenian Institute of Quality and Metrology).

The smallest 2 relays module in the world.

Special designed casing ensure the most simplified installation (ease of cabling fixing) inside a flush mounting box. **PROVED and TESTED BY PROFESSIONAL ELECTRICIANS !**

Extremely low energy consumption: less than 0,4W.

Extended operating temperatures from -10 to 40°C.

Support for the connection of **digital temperature sensor**.

Power consumption measurement.

TECHNICAL DATA

Power supply	110 - 230VAC ±10% 50/60Hz, 24-30VDC
Rated load current of AC output (resistive load)	2 X 4A / 230VAC
Rated load current of DC output (resistive load)	2 X 4A / 30VDC
Output circuit power of AC output (resistive load)	2 X 920W (230VAC)
Output circuit power of DC output (resistive load)	2 X 96W (24VDC)
Power monitoring accuracy	P=0-200W, +/-2W; P>200W, +/-3%;
Frequency Range	868.4 MHz, 921.4 MHz, 908.4 MHz, 869.0 Mhz, Z-Wave
Digital temperature sensor range (sensor must be ordered separately)	-50 ~ 125°C
Operation temperature	-10 ~ 40°C
Distance	up to 30 m indoors (depending on building materials)
Dimensions (W x H x D)	41,8 x 36,8 x 16,9mm
Package dimensions (W x H x D)	79 x 52 x 22mm
Weight	28g
Brutto weight (packaging included)	34g
Electricity consumption	0,4W
For installation in boxes	Ø ≥ 60mm or 2M
Switching	Relay (2x)

Additional information is available in the technical specifications.

PACKAGE CONTAINS

1 module and 1 User manual



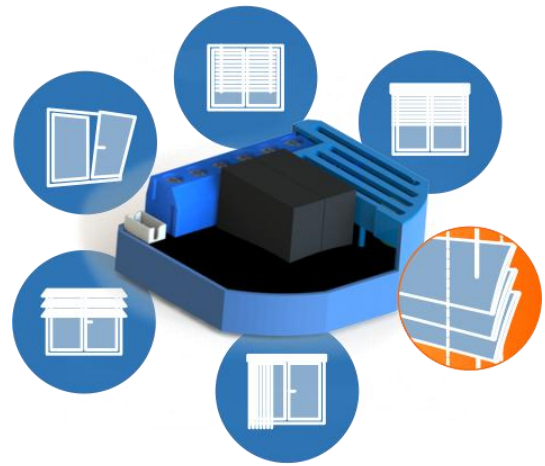
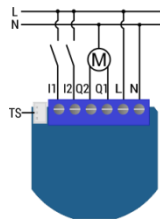


Flush shutter

ORDERING CODE	Z-WAVE FREQUENCY	COUNTRY/REGION
ZMNHCD1	868,4 MHz	CEPT (EU, ...), China, Singapore, South Africa, UAE
ZMNHCD2	921,4 MHz	Australia, Brazil, New Zealand
ZMNHCD3	908,4 MHz	Chile, Mexico, USA/Canada
ZMNHCD4	869,0 Mhz	Russia

This module is used to control the motor of blinds, rollers, shades, venetian blinds, windows, etc ... It also supports venetian blind slats tilting and it can be controlled either through a Z-Wave network or through the wall switch. Precise positioning is supported for motors equipped with mechanical or electronic end limit switches.

Wiring diagram for 230VAC



ADVANTAGES

Support venetian blind slats tilting

OMRON relays used for switching ensure long durability and top quality.

Safety test of **temperature rise, construction requirements, insulation resistance and electric strength, overload test** according to EN 60669-2-1 standard done by an independent institute (SIQ – Slovenian Institute of Quality and Metrology).

The smallest blinds control module in the world.

Special designed casing ensure the most simplified installation (ease of cabling fixing) inside a flush mounting box. **PROVED and TESTED BY PROFESSIONAL ELECTRICIANS !**

Extremely **low energy consumption**: less than 0,4W.

Extended operating temperatures from -10 to 40°C.

Support for **precise positioning**.

Support for the connection of **digital temperature sensor**.

Power consumption measurement.

TECHNICAL DATA

Power supply	110 - 230VAC ±10% 50/60Hz, 24-30VDC
Rated load current of AC output (resistive load)	2 X 4A / 230VAC
Rated load current of DC output (resistive load)	2 X 4A / 30VDC
Output circuit power of AC output (resistive load)	2 X 920W (230VAC)
Output circuit power of DC output (resistive load)	2 X 96W (24VDC)
Power monitoring accuracy	P=0-200W, +/-2W; P>200W, +/-3%;
Frequency Range	868.4 MHz, 921.4 MHz, 908.4 MHz, 869.0 MHz, Z-Wave
Digital temperature sensor range (sensor must be ordered separately)	-50 ~ 125°C
Operation temperature	-10 ~ 40°C
Distance	up to 30 m indoors (depending on building materials)
Dimensions (W x H x D)	41,8 x 36,8 x 16,9mm
Package dimensions (W x H x D)	79 x 52 x 22mm
Weight	28g
Brutto weight (packaging included)	34g
Electricity consumption	0,4W
For installation in boxes	Ø ≥ 60mm or 2M
Switching	Relay (2x)

Additional information is available in the technical specifications.

PACKAGE CONTAINS

1 module and 1 User manual



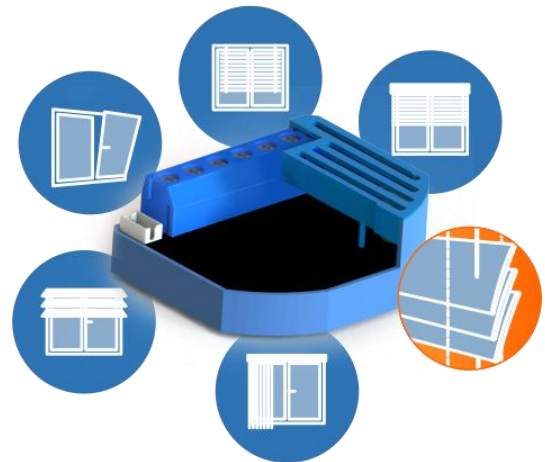
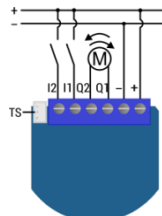


Flush shutter DC

ORDERING CODE	Z-WAVE FREQUENCY	COUNTRY/REGION
ZMNHOD1	868,4 MHz	CEPT (EU, ...), China, Singapore, South Africa, UAE
ZMNHOD2	921,4 MHz	Australia, Brazil, New Zealand
ZMNHOD3	908,4 MHz	Chile, Mexico, USA/Canada
ZMNHOD4	869,0 Mhz	Russia

This module is used to control the 12-24VDC motor of blinds, rollers, shades, venetian blinds, windows, etc ... It also supports venetian blind slats tilting and it can be controlled either through a Z-Wave network or through the wall switch. Precise positioning is supported for motors equipped with mechanical or electronic end limit switches.

Wiring diagram for 12-24VDC



ADVANTAGES



Support venetian blind slats tilting.

Protection against accidental short circuit on outputs.

Protection against wrong power supply connection.

Over temperature protection.

The smallest blinds control module in the world.

Special designed casing ensure the most simplified installation (ease of cabling fixing) inside a flush mounting box. PROVED and TESTED BY PROFESSIONAL ELECTRICIANS !

Extremely **low energy consumption**: cca. 0,3W.

Extended operating temperatures from -10 to 40°C.

Support for **precise positioning**.

Support for the connection of **digital temperature sensor**.

Power consumption measurement.

TECHNICAL DATA

Power supply	12-24VDC +/-10%
Rated load current of DC output (resistive load)	2A
Overcurrent protection	6A
Output circuit power of DC output (resistive load)	48W
Power monitoring accuracy	+/-5%
Frequency Range	868.4 MHz, 921.4 MHz, 908.4 MHz, 869.0 MHz, Z-Wave
Digital temperature sensor range (sensor must be ordered separately)	-50 ~ 125°C
Operation temperature	-10 ~ 40°C
Distance	up to 30 m indoors (depending on building materials)
Dimensions (W x H x D)	41,8 x 36,8 x 15,4
Package dimensions (W x H x D)	79 x 52 x 22mm
Weight	28g
Brutto weight (packaging included)	34g
Electricity consumption	cca. 0,3W
For installation in boxes	Ø ≥ 60mm or 2M
Switching	H bridge

Additional information is available in the technical specifications.

PACKAGE CONTAINS

1 module and 1 User manual

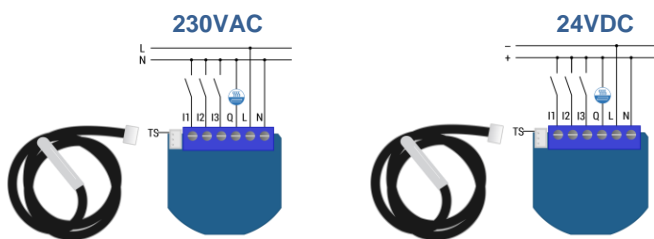


Flush on/off thermostat

ORDERING CODE	Z-WAVE FREQUENCY	COUNTRY/REGION
ZMNHIA2	868,4 MHz	CEPT (EU, ...), China, Singapore, South Africa, UAE
ZMNHIA3	921,4 MHz	Australia, Brazil, New Zealand
ZMNHIA4	908,4 MHz	Chile, Mexico, USA/Canada
ZMNHIA5	869,0 Mhz	Russia

The Z-Wave module can be used to directly control an electrical or water floor heating system, electric water heater, hot water pump, electrical radiator, etc... As it is connected directly to either 230VAC or 24VDC, no batteries are required.

Wiring diagram



ADVANTAGES

Expanded temperature range - from -50.0°C to +125.0°C with a 0.1 C resolution.

No batteries required - As it is connected directly to either 230VAC or 24VDC, no batteries are required.

Due to its small size the module can be easily installed inside a flush mounting box and covered with a traditional wall switch with two 1M blank covers.

The included temperature sensor comes with a **1 meter cable with connector** to connect the sensor directly to the relay module, no screwdriver is required.

Universal Thermostat – even for water boiler. The Z-Wave module can be used to directly control an electrical or water floor heating system, electric water heater, hot water pump, electrical radiator, etc...

Reduce heating costs - The module measures the power consumption of the connected electrical device to ensure your heating costs are under control.



TECHNICAL DATA

Power supply	110 - 230VAC ±10% 50/60Hz, 24-30VDC
Rated load current of AC output (resistive load)	1 X 10A / 230VAC
Rated load current of DC output (resistive load)	1 X 10A / 30VDC
Output circuit power of AC output (resistive load)	2300W (230VAC)
Output circuit power of DC output (resistive load)	240W (24VDC)
Power monitoring accuracy	P=5-50W, +/-3W; P>50W, +/-3%;
Frequency Range	868.4 MHz, 921.4 MHz, 908.4 MHz, 869.0 Mhz, Z-Wave
Operation temperature	-10 ~ 40°C
Distance	up to 30 m indoors (depending on building materials)
Dimensions (W x H x D)	41,8 x 36,8 x 15,4mm
Package dimensions (W x H x D)	115 x 96 x 22mm
Weight	48g
Brutto weight (packaging included)	64g
Electricity consumption	0,4W
For installation in boxes	Ø ≥ 60mm or 2M
Switching	Relay
Digital temperature sensor range	-50.0 ~ 125.0°C, resolution 0.1°C
Digital temperature sensor cable length	1000mm

Additional information is available in the technical specifications.

PACKAGE CONTAINS

1 module, 1 temperature sensor and 1 User manual

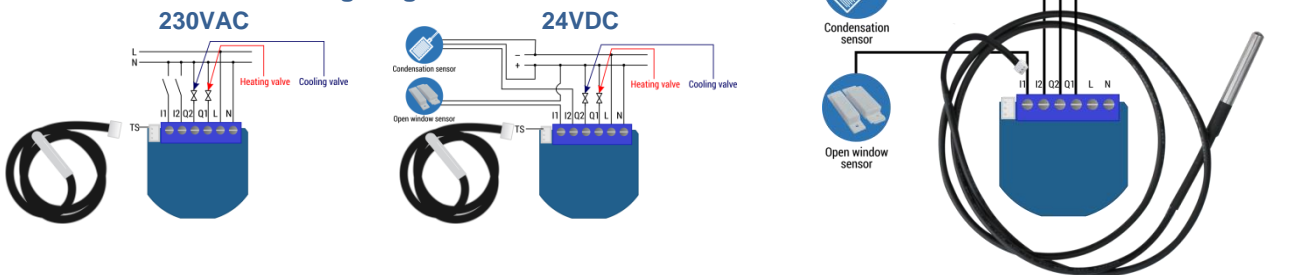


Flush heat & cool thermostat

ORDERING CODE	Z-WAVE FREQUENCY	COUNTRY/REGION
ZMNHKA2	868,4 MHz	CEPT (EU, ...), China, Singapore, South Africa, UAE
ZMNHKA3	921,4 MHz	Australia, Brazil, New Zealand
ZMNHKA4	908,4 MHz	Chile, Mexico, USA/Canada
ZMNHKA5	869,0 MHz	Russia

Discrete Z-Wave Flush heat & cool thermostat allows you to control 4 pipes fan coil or cooling beam with your smartphone.

Wiring diagram



ADVANTAGES

Expanded temperature range - from -50.0°C to +125.0°C with a 0.1 C resolution.

No batteries required - As it is connected directly to either 230VAC or 24VDC, no batteries are required.

Due to its small size the module can be easily installed inside a flush mounting box and covered with a traditional wall switch with two 1M blank covers.

Condensation sensor - Any time there is condensation, the thermostat will close the cooling valve.

Energy saving by Open window sensor

If the Open window sensor detects the window is open, the thermostat will stop heating or cooling to prevent energy lose.

The included temperature sensor comes with a **1 meter cable with connector** to connect the sensor directly to the relay module, no screwdriver is required.

TECHNICAL DATA

Power supply	110 - 230VAC ±10% 50/60Hz, 24-30VDC
Rated load current of AC output (resistive load)	2 X 4A / 230VAC
Rated load current of DC output (resistive load)	2 X 4A / 30VDC
Output circuit power of AC output (resistive load)	2 X 920W (230VAC)
Output circuit power of DC output (resistive load)	2 X 96W (24VDC)
Power monitoring accuracy	P=0-200W, +/-2W; P>200W, +/-3%;
Frequency Range	868.4 MHz, 921.4 MHz, 908.4 MHz, 869.0 MHz, Z-Wave
Operation temperature	-10 ~ 40°C
Distance	up to 30 meters indoors (depending on building materials)
Dimensions (W x H x D)	41,8 x 36,8 x 16,9mm
Package dimensions (W x H x D)	115 x 96 x 22mm
Weight	48g
Brutto weight (packaging included)	64g
Electricity consumption	0,4W
For installation in boxes	Ø ≥ 60mm or 2M
Switching	relay
Digital temperature sensor range	-50.0 ~ 125.0°C, resolution 0.1°C
Digital temperature sensor cable lenght	1000mm
Additional information is available in the technical specifications.	

PACKAGE CONTAINS

1 module, 1 temperature sensor and 1 User manual

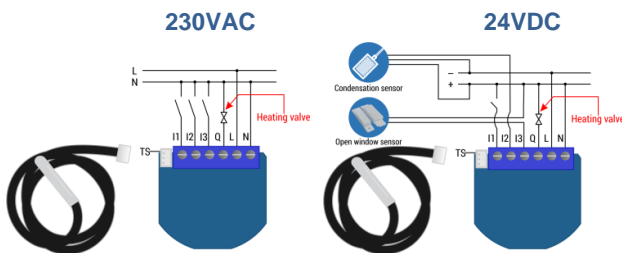


Flush PWM thermostat

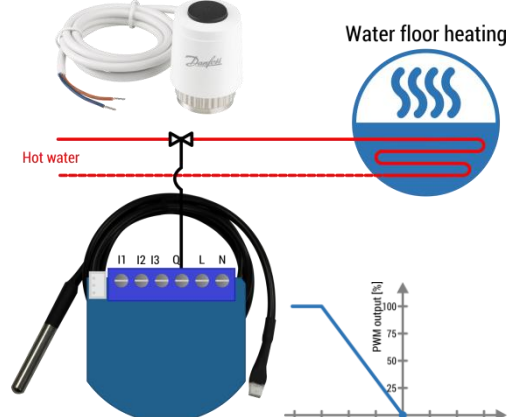
ORDERING CODE	Z-WAVE FREQUENCY	COUNTRY/REGION
ZMNHLA2	868,4 MHz	CEPT (EU, ...), China, Singapore, South Africa, UAE
ZMNHLA3	921,4 MHz	Australia, Brazil, New Zealand
ZMNHLA4	908,4 MHz	Chile, Mexico, USA/Canada
ZMNHLA5	869,0 MHz	Russia

Discrete Z-Wave PWM thermostat to control Floor heating or radiator.

Wiring diagram



Thermal Actuator TWA-Z



Left image: PWM output according to heating request
Right image: Water flow according to PWM output

ADVANTAGES

Linear valve control – stable temperature - Linear water flow control avoids temperature fluctuation

Expanded temperature range - from -50.0°C to +125.0°C with a 0.1 C resolution.

No batteries required - As it is connected directly to either 230VAC or 24VDC, no batteries are required.

Due to its small size the module can be easily installed inside a flush mounting box and covered with a traditional wall switch with two 1M blank covers.

Energy saving by Open window sensor - If the window is open, the thermostat will stop heating to prevent energy lose.

The included temperature sensor comes with a **1 meter cable with connector** to connect the sensor directly to the module, no screwdriver is required.

Works perfectly with Danfoss Thermal Actuator TWA-Z



TECHNICAL DATA

Power supply	110 - 230VAC ±10% 50/60Hz, 24-30VDC
Rated load current of AC output (resistive load)	0,85A / 230VAC
Rated load current of DC output (resistive load)	0,85A / 30VDC
Output circuit power of AC output (resistive load)	200W (230VAC)
Output circuit power of DC output (resistive load)	21W (24VDC)
Power monitoring accuracy	±/-2W
Frequency Range	868.4 MHz, 921.4 MHz, 908.4 MHz, 869.0 Mhz, Z-Wave
Operation temperature	-10 ~ 40°C
Distance	up to 30 meters indoors (depending on building materials)
Dimensions (W x H x D)	41,8 x 36,8 x 15,4mm
Package dimensions (W x H x D)	115 x 96 x 22mm
Weight	48g
Brutto weight (packaging included)	64g
Electricity consumption	0,7W
For installation in boxes	Ø ≥ 60mm or 2M
Switching	MOSFET
Digital temperature sensor range	-50.0 ~ 125.0°C, resolution 0.1°C
Digital temperature sensor cable lenght	1000mm

Additional information is available in the technical specifications.

PACKAGE CONTAINS

1 module, 1 temperature sensor and 1 User manual



Accessories list

Temperature sensor

Ordering code: **ZMNHEA1**

Digital Temperature sensor has 1m cable with connector to connect directly to Qubino modules.

Digital temperature sensor range	-50.0 ~ 125.0°C
Cable lenght	1000mm
Package dimensions (W x H x D)	140 x 170 x 80mm
Brutto weight (packaging included)	20g



Temperature sensor



Temperature sensor connection to the module



Installation of the temperature sensor inside the 2M casing SET



Installation of the temperature sensor inside the Wall mounted casing

2M casing SET

Ordering code: **ZMNHFA1**

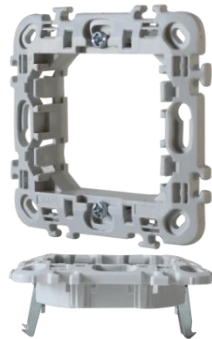
Temperature sensor can be installed behind 2M casing SET. SET is suitable for mounting on boxes Ø60 with claws. SET consists of:

- 1 X mounting frame 2M with claws,
- 2 X 1M perforated blank cover,
- 1 X cover plate

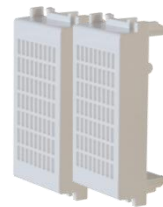
Material	PC/ABS
Dimenssions	2M
Package dimensions (W x H x D)	80 x 80 x 35mm
Brutto weight (packaging included)	44g



2M casing SET



Mounting frame with claws



2 X 1M perforated blank cover to fill empty space
Colour: Polar white



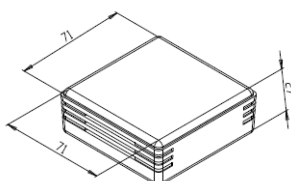
Cover plate 2M
Colour: Polar white

Wall mounted casing

Ordering code: **ZMNHGA1**

Temperature sensor can be installed inside Wall mounted casing.

Dimenssions	71mm x 71mm x 27mm
Colour	White
Material	ABS
Package dimensions (W x H x D)	105 x 75 x 28mm
Brutto weight (packaging included)	34g



Wall mounted casing scheme



Installation of the temperature sensor inside the Wall mounted casing



Wall mounted casing front and side view

Accessories list

Surface door sensor

Ordering code: **NEDJAA1**

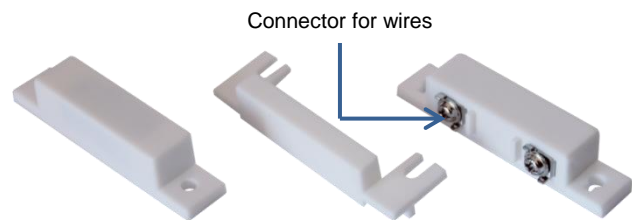
Sensor comes in three parts. Door mounted part is screwed by two screws on the door, the second part – Door frame part goes screwed on the door frame, this part has 2 connectors for 2 wires. Third part is called Cover for connectors and covers connectors.

When the door is closed the two parts should be aligned.

Material:	Anti-fire ABS shield
Connecting mode:	N.C.
Rated current:	300(mA)
Rated voltage :	(VDC) 200
Operating distance:	More than 15mm, less than 25mm
Rated power:	3W
Package dimensions (W x H x D):	85 x 94 x 22mm
Brutto weight (packaging included):	26g



Surface door sensor



Left part: Door mounted part
Middle part: Cover for connectors
Right part: Door frame part

Built-in door sensor

Ordering code: **NEDJAA2**

Sensor comes in two parts. One part is built-in in the door, while the second part with 2 wires is inserted on the door frame.

When the door is closed the two parts should be aligned.

Material:	Anti-fire ABS shield
Connecting mode:	N.C.
Rated current:	100(mA)
Rated voltage :	(VDC) 200
Operating distance:	More than 15mm, less than 25mm
Rated power:	2W
Wires length:	150mm
Package dimensions (W x H x D):	79 x 52 x 22mm
Brutto weight (packaging included):	12g



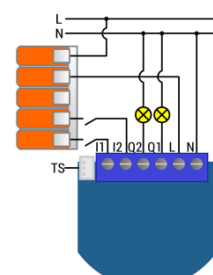
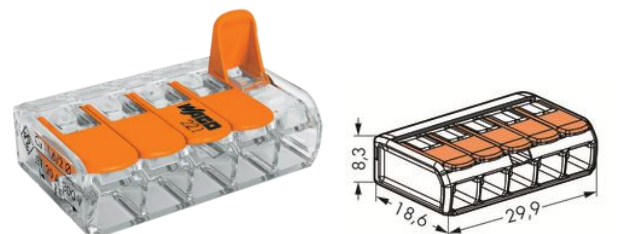
Built-in door sensor

Splicing connector

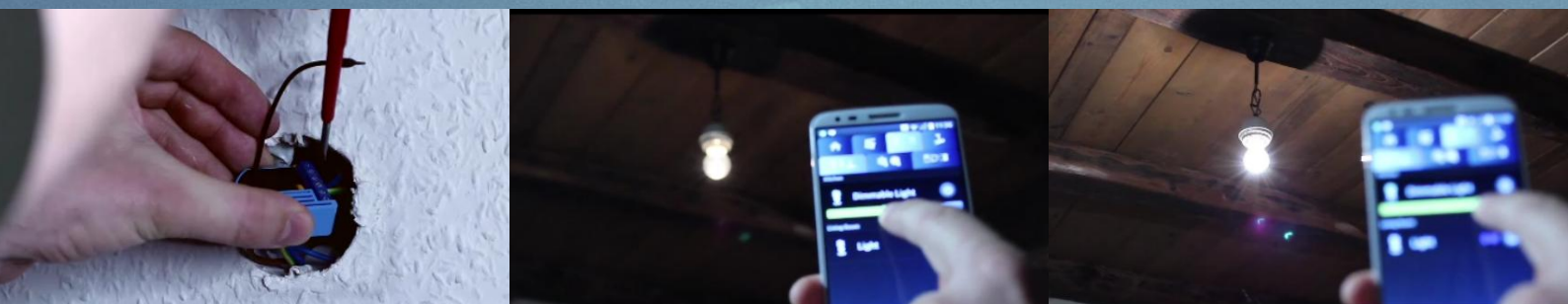
Ordering code: **GEKDAA1**

COMPACT splicing connectors for all wire types; 5-conductor wire block; with operating levers; max. operating temperature 85°C

Total number of connection points :	5
Rated voltage EN (1) [V]:	450 V
Nominal current [A]:	32 A
Solid sizes 1:	0.2 ... 4 mm ² / 24 ... 12 AWG
Fine-stranded wires 1:	0.14 ... 4 mm ² / 24 ... 12 AWG
Stranded, connectable 1.:	0.2 ... 4 mm ² / 24 ... 12 AWG
Dimensions (W x H x D):	29,9 x 8,3 x 18,6 mm
Brutto weight:	4,07 g



Example of connection



Goap d.o.o. Nova Gorica

Ulica Klementa Juga 007
5250 Solkan
Slovenia

E: info@qubino.com

W: www.qubino.com

P: +386 5 335 95 00

Document: Product catalogue_Qubino_V8.0



<https://www.facebook.com/QubinoModules>



<https://www.youtube.com/channel/UC6Wq5o9qe9YX10chWkTo1Ug>



<http://www.linkedin.com/company/qubino>



<https://twitter.com/Qubino>