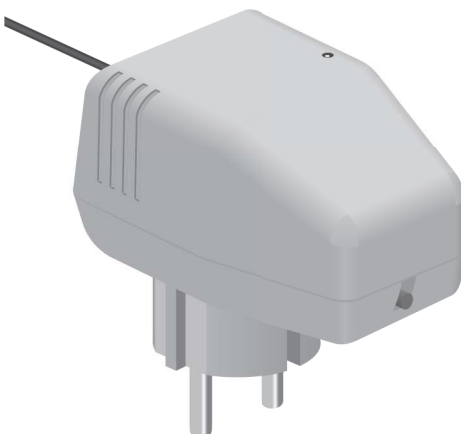


ZWGR



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MODULE DESCRIPTION

The ZWGR is a Z-Wave network repeater that can improve communication range between Z-Wave products. The module can be added to the entire Z-Wave network and transmit the signal to remote devices, or it can be added to a specific group of devices to control them simultaneously without delay between devices.

TECHNICAL SPECIFICATION

Power supply:

110 - 230V AC

Working temperature:

5 – 40°C

Dimensions:

70x45x76 mm

Radio protocol:

Z-Wave

Radio reach:

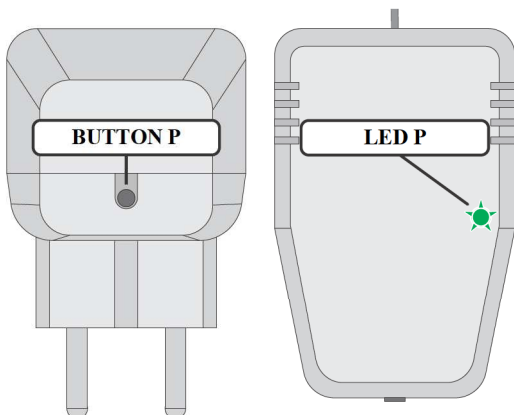
up to 30 m in a building

Radio frequency:

EU – 868.4 MHz



MODULE DESCRIPTION



SIGNALLING



LED lights green - device not assigned to the Z-Wave network.



LED flashes green
- device is in automatic assignment mode to the Z-Wave network.



LED is off
- device assigned to the Z-Wave network.

PROGRAMMING

ADDING MODULE TO Z-WAVE NETWORK

The procedure for adding a module is performed after all devices have been added to the network. After completing this procedure, the repeater will amplify and transmit the signal to devices that may no longer be receiving the controller's signal.



Run the ADD DEVICE function on the PRIMARY controller.



Press the P button at the time specified by the controller.

The device has been added to the Z-Wave network. After a moment, LED will turn off.

ADDITIONAL RANGE IMPROVEMENT

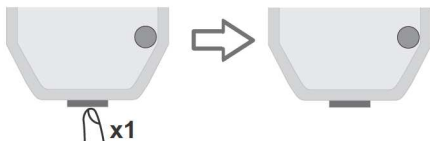
In order to simultaneously control a group of devices and improve the range of a given device or group of devices, complete the following steps:

ADDING MODULE TO CONTROLLER GROUP.

Add the module to a new free group on the controller using the ADD DEVICE TO GROUP (ASSOCIATE) function.



Run the ADD DEVICE TO GROUP function on the PRIMARY controller.
Select a new, free group.



Press the P button at the time specified by the controller.

Device added to group.

ASSIGN A ROUTE

Run the ASSIGN A ROUTE function on the controller to assign the module to each device that is to be controlled by this module. This procedure must be performed for association groups 2 and 3. This will enable devices to be controlled using different types of controllers.

BASIC REPEAT - association group 2



Run the ASSIGN A ROUTE function on the PRIMARY controller. Select group 2 (Basic Repeat).



CONTROLLED

CONTROLLING

Within the time specified by the controller, enter the device to be controlled by another device into programming mode.



Within the time specified by the controller, enter the ZWGR into programming mode by pressing the P button.

MULTILEVEL REPEAT - association group 3



Run the ASSIGN A ROUTE function on the PRIMARY controller. Select group 3 (Multilevel Repeat).



CONTROLLED

CONTROLLING

Within the time specified by the controller, enter the device to be controlled by another device into programming mode.



Within the time specified by the controller, enter the ZWGR into programming mode by pressing the P button.

CONTROL

After assigning the repeater to the controller group and associating the devices (see **ADDITIONAL RANGE IMPROVEMENT**), you can control the entire group of devices associated with the repeater using this controller.



Use the LEFT/RIGHT buttons to select the group to which the repeater has been assigned.



Use the UP/DOWN/STOP buttons to control devices added to association groups 2 and 3. The devices will control each other simultaneously.

PARAMETER SETTINGS

Functions available for advanced controllers. Please check your controller's user manual to see if this function is available.

ZWGR MODULE PARAMETER CONFIGURATION

PARAMETER NUMBER

< X >

PARAMETER VALUE

< X >

Select the ZWGR module from the device list.

Enter parameter configuration mode.

Select the parameter and its value.

Confirm your selection.

Operating parameters [default values in square brackets].

PARAMETER NUMBER

PARAMETER		PARAMETER VALUE
Parameter reset	99	[1] Default parameters 2 Parameters other than default
Remote module removal*	100	[1] Off 2 On

*Removing a hard-to-access device from the Z-Wave network.

The Autoexclusion procedure is activated after entering the value 2 for parameter 100 (with the previously assigned controller).

This mode is active for a maximum of 10 minutes.

After running the procedure, turn on the exclude function on the controller from which you want to remove the module, then turn on the include function on the controller to which you want to add the module.

ASSOCIATION GROUPS

1. Life Line – group for reporting the position of the awning blind after each stop and receiving information about the alarm (overload).

A maximum of 1 device can be in the group.

2. Basic Repeat – group used for sending received commands of movement (BASIC SET) to devices belonging to this group. A maximum of 5 devices can be in the group.

3. Multilevel Repeat – group used for sending received commands of movement (SWITCH MULTILEVEL SET, SWITCH MULTILEVEL START LEVEL CHANGE, SWITCH MULTILEVEL STOP LEVEL CHANGE) to devices belonging to these groups. A maximum of 5 devices can be in the group.

PROBLEMS

CAUSE	SOLUTION
1. ZWGR cannot be assigned to the Z-Wave network.	
Too long waiting time for the ADD TO NETWORK function to run on the PRIMARY controller.	Run the ADD TO NETWORK function on the PRIMARY controller within a time no longer than that specified on the controller.
2. ZWGR cannot be added or removed from the Z-Wave network.	
The incorrect controller (SECONDARY) was used.	Only the PRIMARY controller can add and remove devices.

WARRANTY



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Quality certificate

Device

Model

Serial number

Seller

Address

Purchase date

Invoice number

Signature (stamp) of person installing a device

