

# GRENTON RELAYx2 Z-Wave

REL-039-Z-07

WIRELESS 230 V OUTPUT MODULE  
FOR FLUSH-MOUNT ASSEMBLY



Allows you to control any electrical device without the need to use additional control relays.

- two 230 V outputs
- enables you to connect a direct load up to 1,800 VA
- enables the following functions: switching, continuous activation, and specific-time activation
- allows you to connect two 230 V inputs
- Inputs are fully configurable
- small size - fits into a P60 box under the ancillary equipment
- operates with 230 V supply
- communicates with other wireless modules using a mesh network

## CONFIGURATION PARAMETERS

### CHARACTERISTICS

Name	Description
Value	Returns 1 for output set at "On" and 0 for output set at "Off"

### METHODS

Name	Description
SetValue	SetValue Sets output value to 1 or 0
Switch	Changes the output value from 0 to 1 or from 1 to 0. The first parameter is the time of change: - 0 - switches output to continuous mode - num - switches output for a time specified by a parameter (in milliseconds)
SwitchOn	Sets output value to 1
SwitchOff	Sets output value to 0

### EVENTS

Name	Description
OnChange	Occurs when a change in the state takes place (regardless of the value)
OnSwitchOn	Occurs when "On" is set at output
OnSwitchOff	Occurs when "Off" is set at output

# INPUT PROPERTIES

## CHARACTERISTICS

Name	Description
Value	Returns input state as 0 or 1
Inertion	Minimum interval in milliseconds which has to pass between presses of a button so that it is interpreted as a new pressing activity
HoldDelay	Time in milliseconds after which, when pressing and holding a button, the OnHold event occurs
HoldInterval	Cyclical interval in milliseconds after which, when pressing and holding a button, the OnHold event occurs

## METHODS

Name	Description
SetInertion	Sets Inertion value
SetHoldDelay	Sets HoldDelay value
SetHoldInterval	Sets HoldInterval value

## EVENTS

Name	Description
OnChange	Occurs when a change in the input state takes place (regardless of the value)
OnSwitchOn	Occurs when the high state is set at the input
OnSwitchOff	Occurs when the low state is set at the input
OnShortPress	Occurs after pressing the button for 500 - 2000 ms
OnLongPress	Occurs after pressing the button for two seconds
OnHold	Occurs for the first time after HoldDelay time passes and then cyclically every HoldInterval Value
OnClick	Occurs after pressing the button for less than 500 ms

## TECHNICAL SPECIFICATIONS

AC supply	230 V
average current input	2 mA
max. current input	6 mA
Z-Wave frequency	868 HMz
weight	35 g
dimensions (H/W/D)	19/45/36 mm
max. connection wire section	≤ 1.5 mm <sup>2</sup>
operating temperature range	0 to +40°C
maximum load	1,800 VA per channel

## WIRING DIAGRAM

