

USER MANUAL

MULTIFUNCTION RELAY SWITCH RS1-WE-F1

- Power supply:** 230V AC ~ 50Hz
- Switching capabilities:** 230V AC - 10A // 30V DC - 10A
- Consumption:** <1W
- Max. Power:** 2300W
- Radio frequency range:** 868.0 to 868.6 Mhz
- RF power Max:** +3dBm
- Range:** up to 30m indoor
- Operational temperature:** -10°C to 40°C
- Protection rating:** IP 30
- Pairing:** up to 22 controllers
- EEP (EnOcean Profile):** D2-01-0F
- Dimensions:** 40 mm (l) x 44 mm (L) x 16.9 mm (h)
- Weight:** 34 g
- Warranty:** 2 years

DANGER OF ELECTROCUTION



BEFORE ANY INSTALLATION MAKE SURE THE POWER SUPPLY IS DISCONNECTED TO AVOID ANY RISK OF ELECTROCUTION.

Directly cut the power supply from the breaker box to avoid any risk of electrocution. This relay switch is designed to be used power up, a wrong installation can create a fire or an electric shock. If you are not confident about electrical installation, please ask a professional.

The relay switch must be installed and connected carefully following the instructions of this user guide. We will not be responsible for any loss or damage resulting from a non-respect of the instructions of this user guide. Cut the power supply before any operation and don't do any modification if the LED is still ON.

USE CAUTIONS

- Never use the device if it is not correctly installed and placed inside a connecting box in conformity with the current norms.
- Keep the product far away from liquids.



This product must be used indoor only.

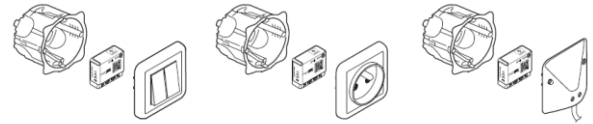


enocean®

This product is conform to EnOcean radio protocol.



INSTALLATION



Thanks to its compact size, the Multifunction Relay Switch can be installed behind a wall switch, an electrical outlet or a cable outlet.

RELAY SWITCH INPUT/OUTPUT



N Terminal for the Neutral

L Terminal for the Line

I1 Input terminal for the wired switch 1 (I1)*

I2 Input terminal for the wired switch 2 (I2)*

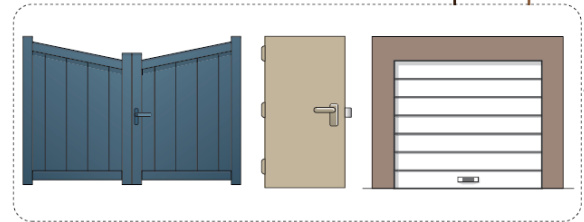
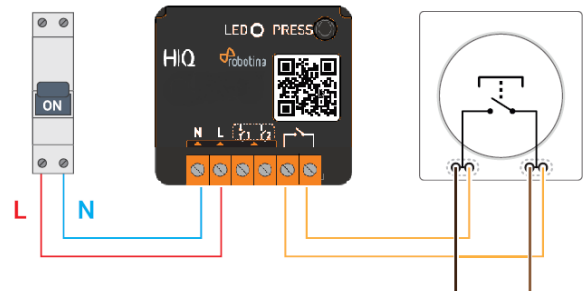
I Input terminal, the potential will pass through the output terminal

O Output terminal

Each terminal can accept a cable of 2.5mm² maximum, stripped of 8mm.

*Wired switch optional (see the installation diagrams section).

INSTALLATION - GATE/GARAGE DOOR/ELECTRIC LATCH



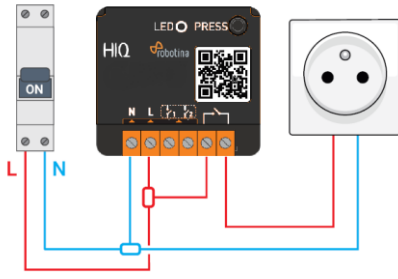
Warning: Activate the control access mode (see the section) before pairing to avoid any damage of your equipment.

AUTO-DETECTION OF SWITCH TYPE

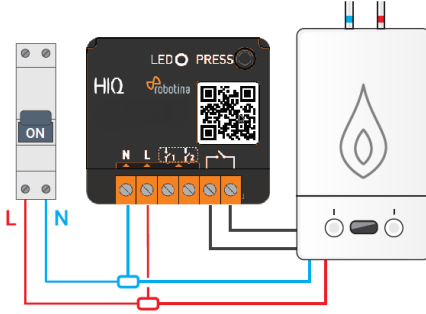
After turning the power supply ON, do a single push on the wired wall switch. The relay switch has an auto-detection system to automatically detect the type of wired wall switch (rocker or push-button) wired at the input.

Note: The same configuration is applied for both inputs (I1 and I2). It is not possible to combine a rocker switch with a push-button. To perform a new auto-detection, the Multifunction Relay Switch must be manually reset (see reset procedure).

INSTALLATION - ELECTRICAL OUTLET

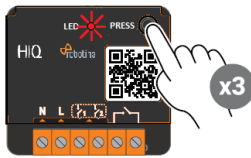


INSTALLATION - BOILER

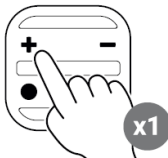


PAIRING PROCEDURE

To add a remote or a wall switch or the Soft Button (EnOcean compatible) you must enter the pairing mode, your light must be switched OFF.
Relay switch must be power supplied.



- 1 Launch the pairing by doing 3 consecutive presses on the relay switch button.
The LED blinks red.



- 2a You have now 30 seconds to pair your controller by briefly pressing on the button of your choice, this one will control your gate/garage door/electric latch or your electrical outlet.



- 2b You have now 30 seconds to pair your Soft Button by doing 5 brief consecutive presses on the button.



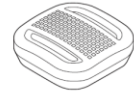
- 3 The relay switch LED will blink green twice, confirming the pairing.

Note: if the LED blinks orange during the pairing procedure, it means that more than 22 controllers are paired and that no more controller can be paired. You must remove one controller to add a new one.

USE OF YOUR SOFT BUTTON

The Soft Button will work as follows:

Types of press	Action
Single press	Reversal
Double press	ON
Long press	OFF



UNPAIRING PROCEDURE

Do the same procedure as pairing (see "pairing procedure") and takes care of pressing the button chosen to control your gate/garage door/electric latch or your electrical outlet.

RESET PROCEDURE

Relay switch must be power supplied.

- 1 Press more than 5 seconds on your module's button. The LED blinks orange.
- 2 Press once again the button (short press) to confirm the reset. If the reset is correct, the LED blinks alternately in red and green and stays green. Start again if necessary.
- 3 Your module has now its original settings.

CONTROL ACCESS MODE

It is imperative to activate the control access mode before pairing your remote/wall switch to control your gate/garage door/electric latch to avoid damaging your equipment.

Relay switch must be power supplied.



- 1 Do 5 brief presses on the button of the relay switch. The LED pulses in green, confirming the activation of the control access mode.
- 2 You can continue the installation procedure.

ACTIVATION OF REPEATER MODE

Relay switch must be power supplied.

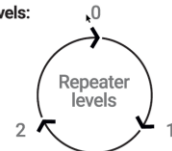
When the repeater mode is activated, the relay switch will repeat all the messages from EnOcean network, and so increase the range of equipment around it.

The repeater mode has 3 levels:

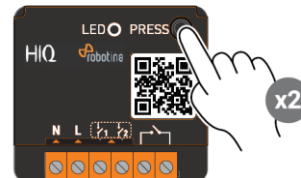
- Level 0: repeater mode is deactivated
- Level 1: the signal is repeated once
- Level 2: the signal is repeated twice

Warning: by default, the repeater mode is at level 0.

Incrementation of the three repeater levels:



Access to repeater's next level:



To pass from one level to another, do 2 brief presses. The relay switch LED blinks to confirm the activation of the next level or the deactivation of the repeater mode:

- Level 0 to 1: LED blinks twice green.
- Level 1 to 2: LED blinks three times green.
- Level 2 to 0: LED blinks once green.