HIQ robotina

USER MANUAL

RELAY SWITCH RS2-WE-F2

Power supply: 230V AC ~ 50Hz
Switching capabilities: 230V AC - 2 x 5A
Consumption: <1W
Maximum output power: 2 x 1150W (Resistive load)
List of compatible loads available on www.nodon.fr/loads
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): D2-01-12
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.

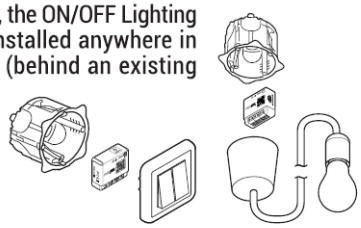
enocean

This product is conform to EnOcean radio protocol.

CE

INSTALLATION

Thanks to its small size, the ON/OFF Lighting Relay Switch can be installed anywhere in the wall or the ceiling (behind an existing wall switch, in a false ceiling, etc...).



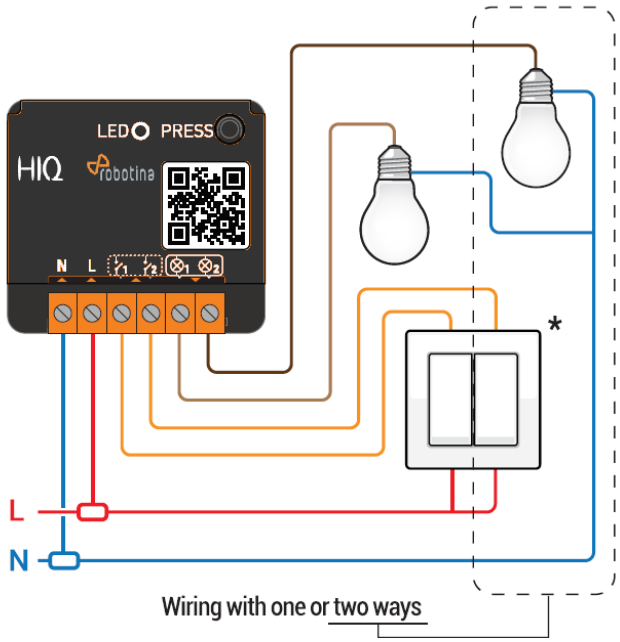
RELAY SWITCH INPUT/OUTPUT

N	Terminal for the Neutral
L	Terminal for the Line
↓Y1	Input terminal for the wired switch 1*
↓Y2	Input terminal for the wired switch 2*
⊗1	Output 1 (controlled by ↓Y1)
⊗2	Output 2 (controlled by ↓Y2)

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

*Wired switch optional (see the installation diagrams section)

INSTALLATION DIAGRAM FOR ONE OR TWO LIGHTS



Wiring with one or two ways

Figure 1

*Wired switch optional (see the installation diagrams section)

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.

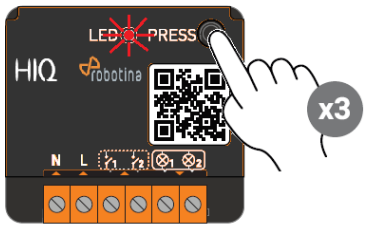
Note: The same configuration is applied for both inputs (↓Y1 and ↓Y2). It is not possible to combine a rocker switch with a push-button. To perform a new auto-detection, the ON/OFF Lighting Relay Switch must be manually reset (see reset procedure).

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.

FOR CHANNEL 1 (/)

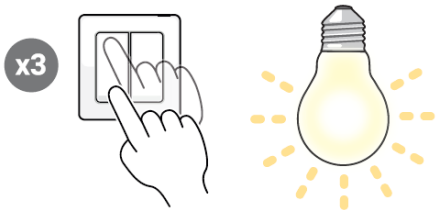
Two modes:
1. From the module



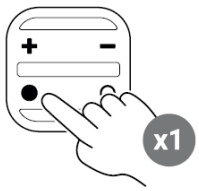
1a Launch the pairing by doing 3 consecutive presses on the relay switch button. The LED blinks red.

Or

2. From the wired wall switch



1b Action the wired wall switch 3 times (in less than a second). The lighting connected in blinks, meaning that the channel 1 (/) is in "pairing/unpairing mode".



2a You have 30 seconds to pair your controller by briefly pressing (in less than a second) on the button of your choice, this one will turn the light ON for the channel 1, the opposite button will turn it OFF.

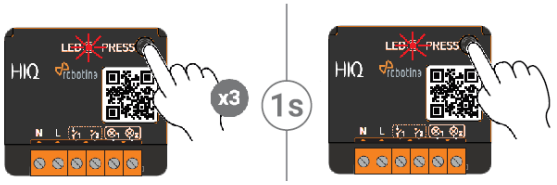
2b You have now 30 seconds to pair your Soft Button by doing 5 brief consecutive presses on the button.

3a The LED of the relay switch will blink green twice, confirming the pairing of the two devices.

3b The light stops to blink, confirming the pairing of the two devices.

For the channel 2 (/)

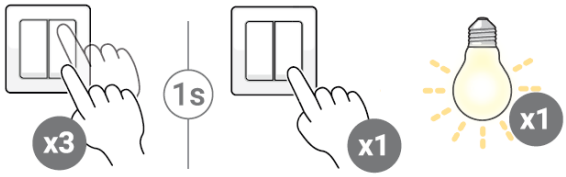
Two modes
1. From the relay switch



1a Launch the pairing by doing 3 consecutive presses on the relay switch button. The LED blinks red. Wait 1 second and do a new press on the relay switch button.

Or

2. From the wired wall switch



1b Press the wall switch 3 times (in less than a second). Wait 1 second and do a new press on the wall switch. The light connected in blinks, meaning that the channel 2 (/) is in "Pairing/Unpairing" mode.

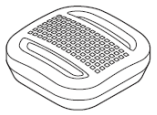
Continue with steps 2 and 3a/3b to pair your controller.

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 light.

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 alternatively in red and green and stays green. Start again if necessary.

3 Your module has now its original settings.