



ROLLER SHUTTER RELAY SWITCH

Reference: SIN-2-RS-01

Power supply: 230V AC ~ 50Hz

Switching capabilities: 230V AC - 3A

Consumption: <1W

Maximum motor power: 280W Max - 60 Nm Max
List of compatible motors available on 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): D2-05-00

Dimension: 40 mm (l) x 44 mm (L) x 16,9 mm (h)

Weight: 34 g

Warranty: 2 years

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.

DETAILED USER GUIDE

Directly access the detailed user guide on the Support section on nodon.fr/en/technical-support/



INSTRUCCIONES DE USO

Acceda directamente a las instrucciones detalladas en la página de soporte de nodon.fr/es/soporte/

GEBRAUCHSANWEISUNG

Gehen Sie direkt zur ausführlichen Anleitung im Support Bereich unter nodon.fr/de/technische-unterstuetzung/

CONTACT

NodOn SAS
121 rue des Hétries
45590 ST CYR EN VAL
(FRANCE)

AFTER SALES SERVICE

nodon.fr/en/support section
support@nodon.fr

APPROBATIONS ET CERTIFICATIONS

Hereby, NodOn SAS declares that this radio equipment is conform to the RED directive 2014/53/UE. The integral text of the EU declaration of conformity is available at the following online address: nodon.fr/en/support section.

The presence of this symbol on a product indicates that this one is conform to the European directive 2012/19/UE. Find out more about the provisions in force in your region regarding the separate collection of electrical and electronic devices. Respect the local rules and do not throw out the product with common domestic wastes. The correct rejection of ancient products allows to preserve the environment and health.

This product must be used indoor only.

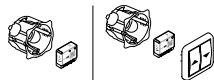
This product is conform to EnOcean radio protocol.

DANGER OF ELECTROCUTION

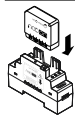
BEFORE ANY INSTALLATION MAKE SURE THE POWER SUPPLY IS DISCONNECTED TO AVOID ANY RISK OF ELECTROCUTION.

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.

INSTALLATION



Thanks to its compact size, the Roller Shutter Relay Switch can be installed in a connecting box or behind the wall switch which controls the roller shutter or motorized awning.

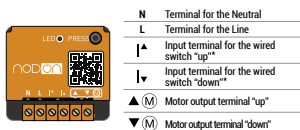


TIP

Add the Roller Shutter Relay Switch to the electric panel with NodOn DIN Rail Box*.

*Optional accessory

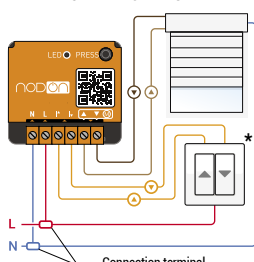
RELAY SWITCH INPUT/OUTPUT



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

*Wired switch optional

INSTALLATION DIAGRAM



Connection terminal

Figure 1

*Wired switch optional (see the installation diagrams section)

- Cut the power supply.
- Disassemble the wired wall switch which controls the roller shutter/awning you want to connect.
- Wire the Relay Switch according to the diagram figure 1.
- Reassemble the wired wall switch.
- Turn the power back ON.

AUTO-DETECTION OF SWITCH TYPE

After turning the power supply ON, do a single push on the wired wall switch to bring the roller shutter half-height. 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.

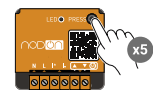
Note: The same configuration is applied for both inputs (I+ and I-). It is not possible to combine a rocker switch with a push-button. To perform a new auto-detection, the Roller Shutter Relay Switch must be manually reset (see reset procedure).

CALIBRATION OF THE ROLLER SHUTTER RELAY SWITCH

Relay Switch must be power supplied.

Two modes:

1. From the Relay Switch

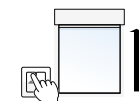


1 Do 5 short presses.

Note: The Relay Switch LED blinks green, meaning the calibration has well started.

Or

2. From the wired wall switch



1 Put the roller shutter/awning in position up.

2 Do 3 times the cycle "up - stop" with the wired wall switch.



Cancel the calibration:
Perform 5 brief presses. From the wired switch, press once on the switch.

** If the cycle is reversed (down/up/down), switch ▲ (M) and ▼ (M)

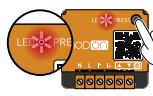
PAIRING THE ROLLER SHUTTER RELAY SWITCH

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.

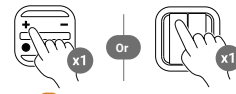
Relay Switch must be power supplied.

Two modes:

1. From the Relay Switch



1 Launch the pairing by doing 3 consecutive presses on the button of the Relay Switch. The LED blinks red.



2a Remote or wall switch:

You have now 30 seconds to pair your controller by briefly pressing on the button of your choice (less than a second), this one will control the rise of your roller shutter/awning.

2b Soft Button :

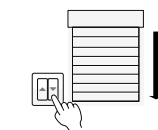
You have now 30 seconds to pair your Soft Button by doing 5 brief consecutive presses on the button.



3 The Relay Switch LED blinks twice green, confirming the pairing.

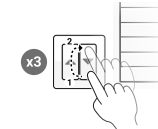
Note: if the LED blinks orange during the pairing procedure, it means that more than 22 controllers are paired and that no more controller can be paired. You must remove one controller to add a new one.

2. From the wired wall switch

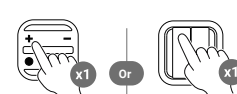
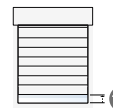


1 Put the roller shutter/awning on position down.

2 Do 3 times the cycle "down - stop" with the wired wall switch.



3 The roller shutter/awning will rise of 10%.



4 Remote or wall switch:

You have 30 seconds to pair your controller by briefly pressing the button of your choice (less than a second), this one will control the rise of your roller shutter/awning.



5 The roller shutter/awning confirms the pairing by closing completely.

USE OF YOUR SOFT BUTTON

The Soft Button will work as follows:

Types of press	Action
Single press	Reversal
Double press	Open
Long press	Closed



PAIRING WITH A HOME AUTOMATION GATEWAY



For more details on how to pair a home automation gateway or other compatible products, please consult the "Support" section on nodon.fr/en/

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.

- Press more than 5 seconds on your module's button. The LED blinks orange.
- 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.
- Your module has now its original settings.