



Smart with Netatmo electric system

Installation Manual

bticino



Contents

General features	4
Install a Smart with Netatmo electric system	6
Associate the connected devices	10
Add a connected device	15
Add a wireless scenario control	17
Associate a wireless light/rolling shutter control to one or more modular connected devices	20
Dissociate a wireless control from the connected devices	25
Reset to the factory settings	26
Use the App	27

General features

The Gateway allows you to create your Smart electric system by associating together all the wired and wireless devices.

Supplied as standard is the Master wireless IN&OUT scenario control, required for the association of all the devices and for the activation of the “IN” and “OUT” scenarios.


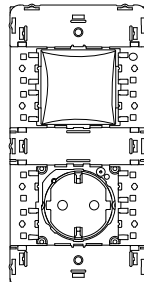
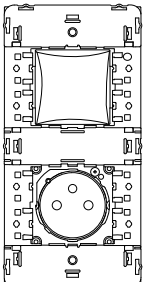
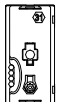
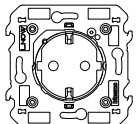
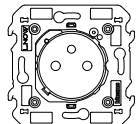
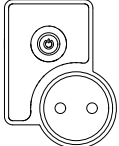
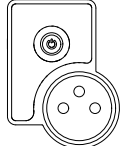
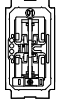
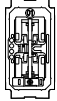
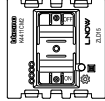

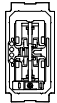
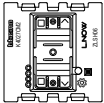
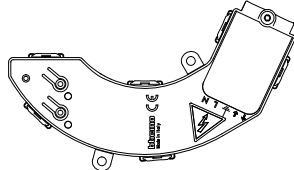
The Gateway connects to your home router through the Wi-Fi connection (2.4GHz only), to allow the local or remote control of lights, controlled sockets and rolling shutters using the smartphone (“Home + Control” App) or voice commands (using a voice assistant).

In order to optimize signal reception, it is recommended that the Gateway is installed close to the router.

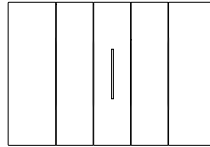
General considerations for the devices and functions shown in this manual:

- the Living Now with Netatmo series was used as an example for the graphic representation of the devices;
- the functions described are valid for all the “with Netatmo” civil series. It is possible to add other functions (e.g. heating management), through integration with other devices of the “with Netatmo” offer (e.g. Smarther with Netatmo);
- the products and features shown may not be available in all markets. Check with your supplier or installer about their availability.

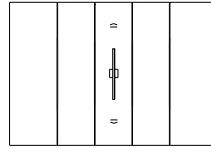
Wired devices

Gateway					
	<i>Modular gateway</i>	<i>Gateway + type F socket</i>	<i>Gateway + type E socket</i>		
Sockets					
	<i>Wired module for modular socket</i>	<i>Type F connected socket</i>	<i>Type E connected socket</i>	<i>Type F Plug&play connected socket</i>	<i>Type E Plug&play connected socket</i>
Lights					
	<i>Wired two-way switch</i>	<i>Wired dimmer/switch</i>	<i>2-module wired dimmer/switch</i>	<i>Wired light relay</i>	
Shutters					
	<i>Wired shutter control</i>	<i>2-module wired shutter control</i>	<i>Wired actuator for shutter</i>		

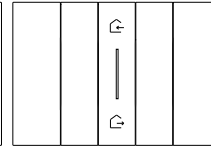
Wireless controls



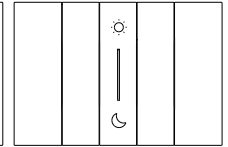
Flush mounted wireless light control



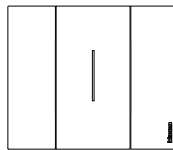
Flush mounted wireless shutter control



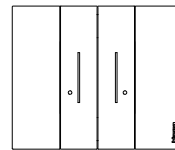
Flush mounted IN&OUT scenario control



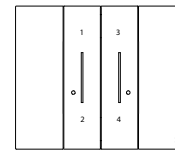
Flush mounted wireless Night&Day scenario control



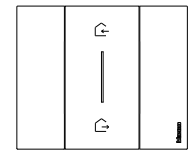
Wall mounted wireless light control



Wall mounted wireless double light control



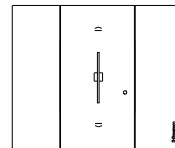
Wall mounted wireless 4-scenario control



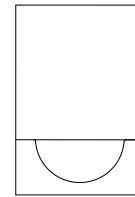
Wall mounted wireless In&Out scenario control



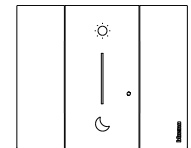
(*) Wireless module for mechanical switch



Wall mounted wireless shutter control



Wireless movement detector



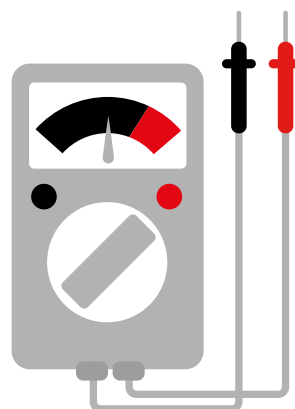
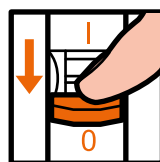
Wall mounted wireless Night&Day scenario control

(*) **Note:** the wireless module for mechanical switch may be used to control one light from several positions. However, it is not possible to control several lights using one single wireless module for mechanical switch.

Install a Smart with Netatmo electric system



1. Disconnect the voltage from the general switch.

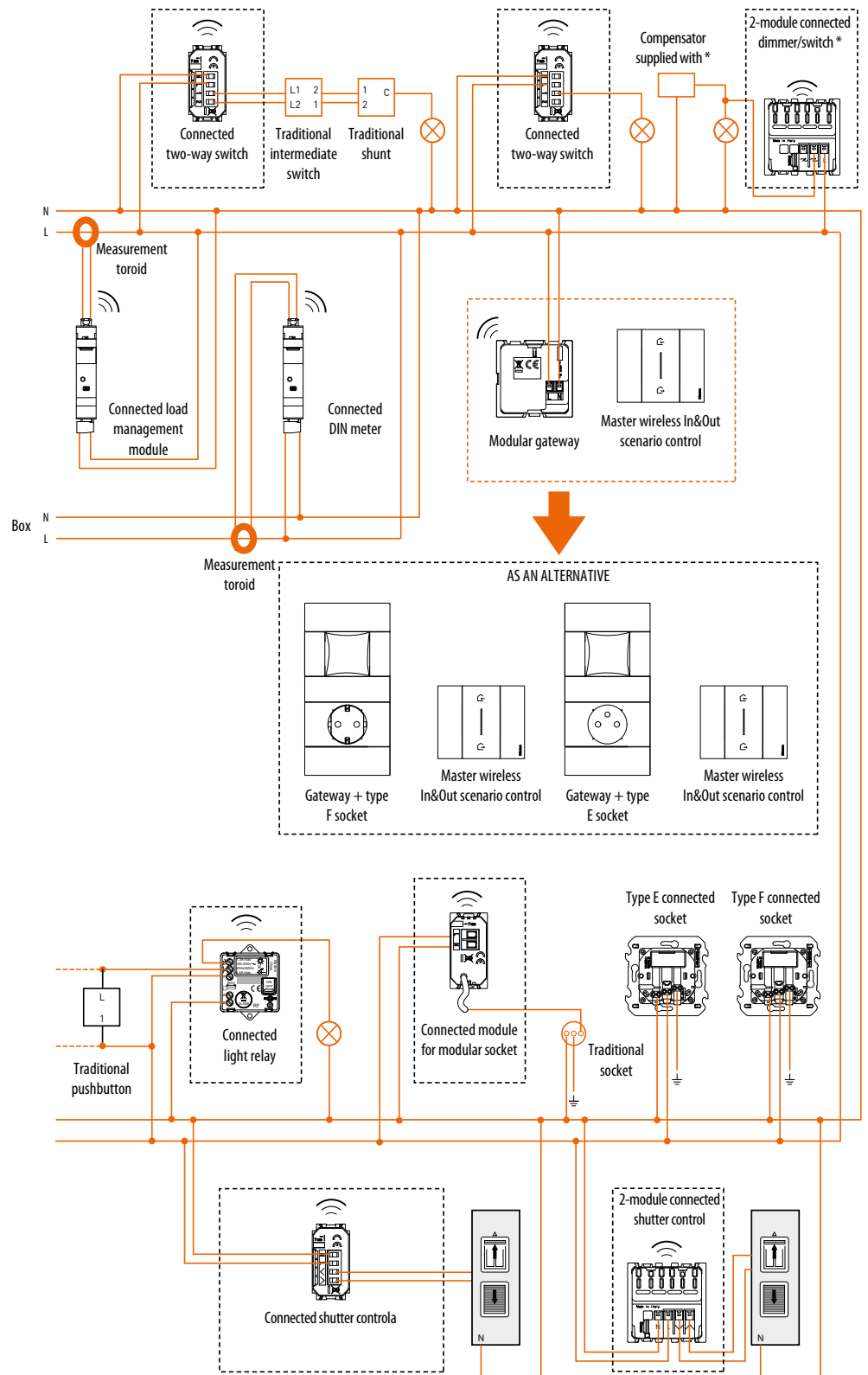


Check that the system is not powered.

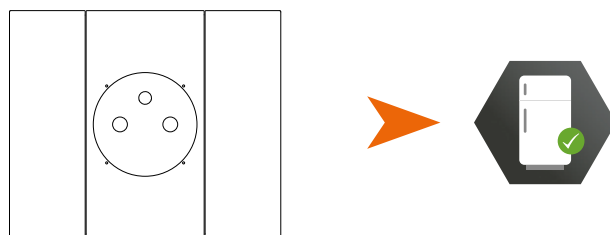
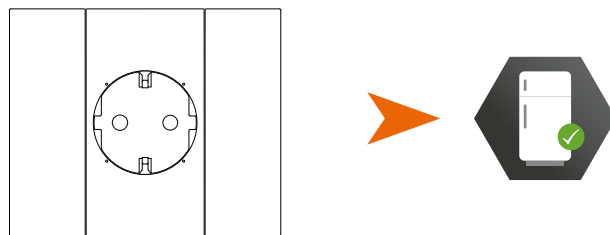
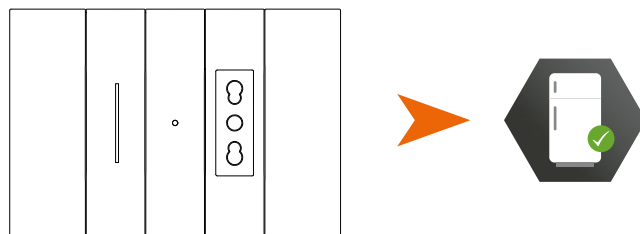
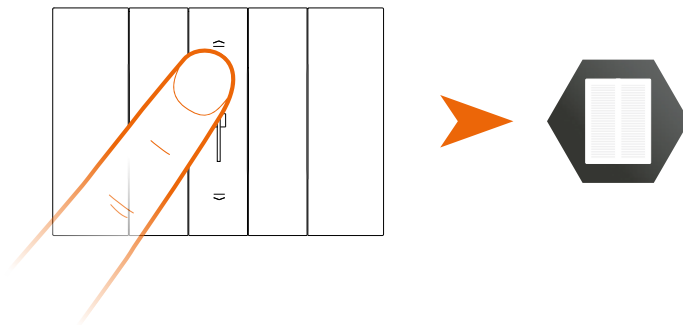
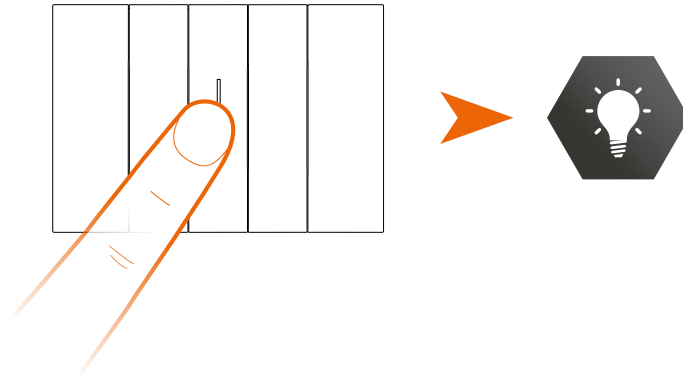
It is now possible to connect all your system devices as per the following diagrams.

Smart with Netatmo electric system

Installation Manual



After installing the Smart electric system, it will be possible to locally control lights and rolling shutters without further set up needed.

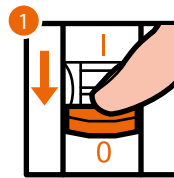


Note: connected sockets will be powered by default.

It is now possible to associate all the devices and take advantage of the connected functions of your system.

Associate the connected devices

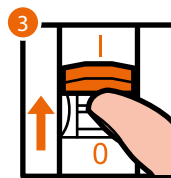
Perform the pairing procedure shown below within 15 minutes of powering up the system. Otherwise repeat the operation from the beginning.



OFF



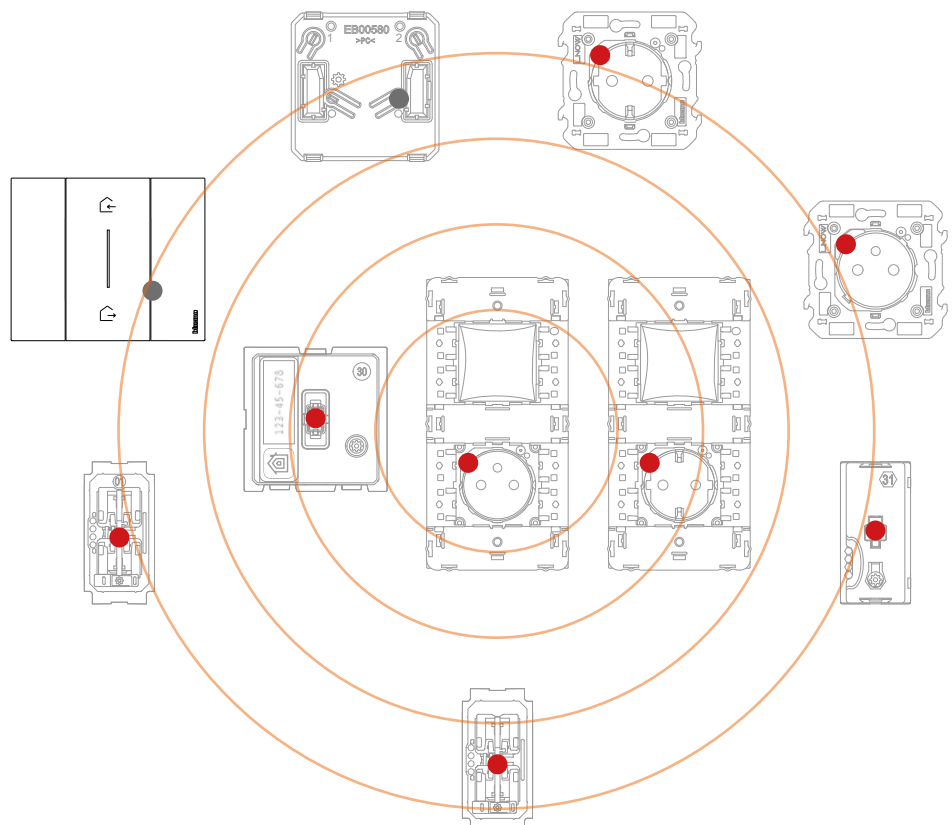
1. Disconnect the voltage from the general switch.
2. Wait a minute

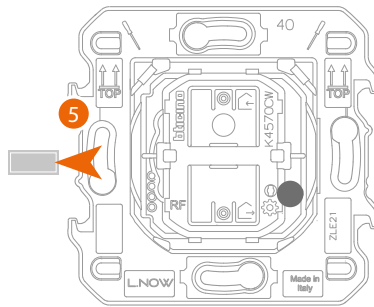


ON



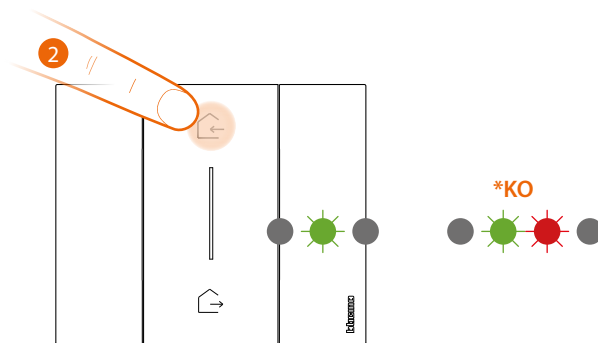
3. Reconnect the power using the general switch.
4. Wait 1 minute for correct system startup.





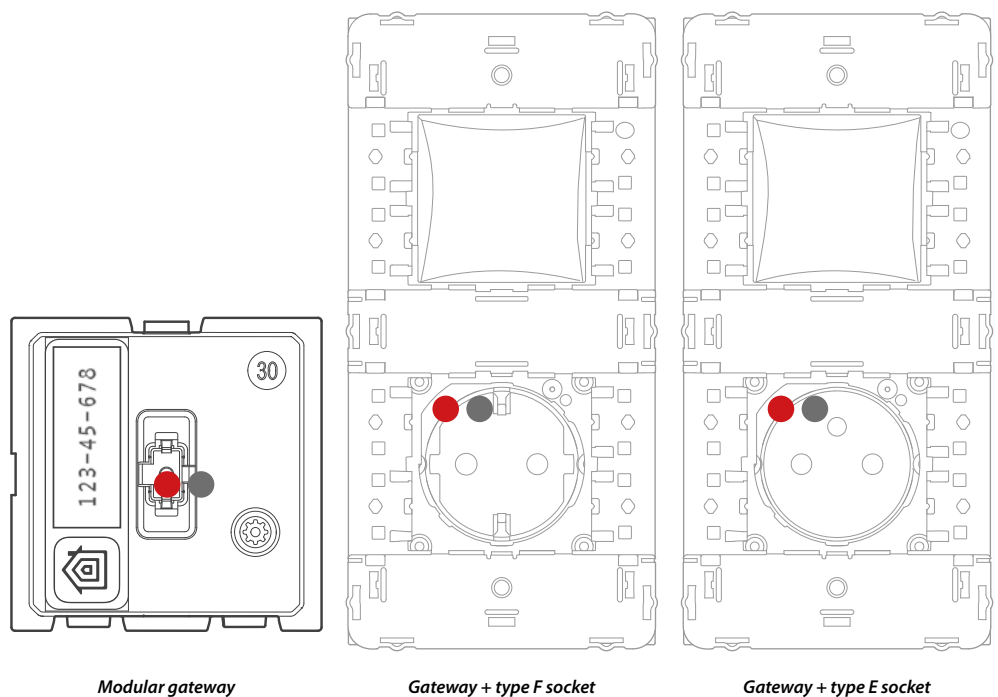
Master wireless In&Out scenario control

5. Pull the tab from the Master wireless In&Out scenario control in the Modular Gateway



6. Press and release one of the control keys: the LED flashes green; release it and wait for the LED to turn off.
 - * If the procedure fails, remove and reinsert the battery, then, repeat the operation.

Warning: if covers are not fitted, do not press the wireless control keys.

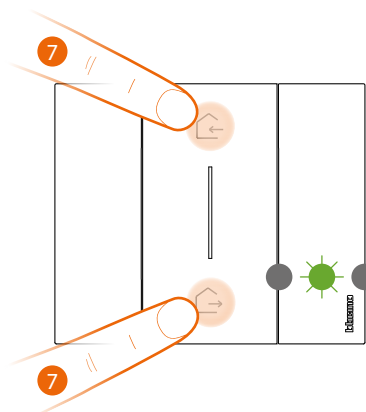


Modular gateway

Gateway + type F socket

Gateway + type E socket

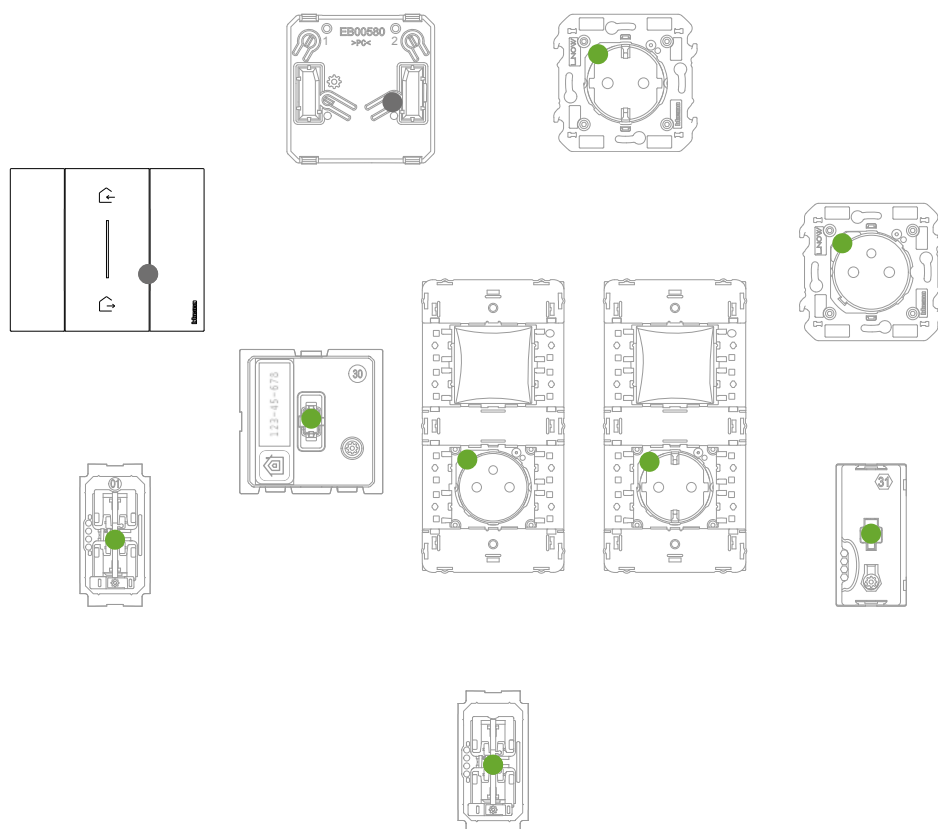
The Gateway LED goes from red to off.



Master wireless In&Out scenario control

7. Start the association:

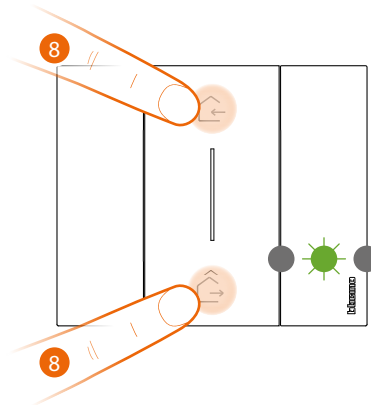
press and hold down the two control keys at the same time, the LED will turn green, the LED switches off.



Check that the LEDs of all the devices turn green steady (with the exception of the wireless LEDs, which will be off).

Note: this operation is not automatic with plug&play sockets: it will be necessary to keep the ON/OFF button pressed until the LED starts flashing green.

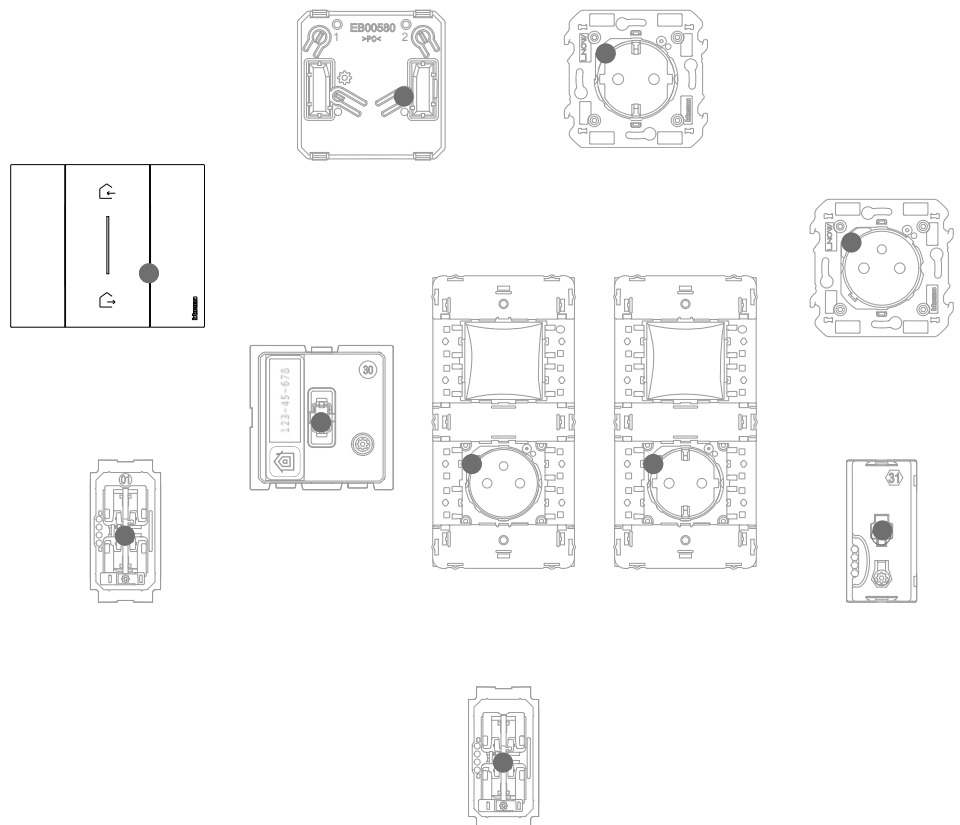
Note: the LEDs may take up to 15 minutes to turn from red to green. After this time, the procedure will end automatically.



Master wireless In&Out scenario control

8. End the association:

press and release the two control keys at the same time.
The LED will start flashing green: wait until it turns off.

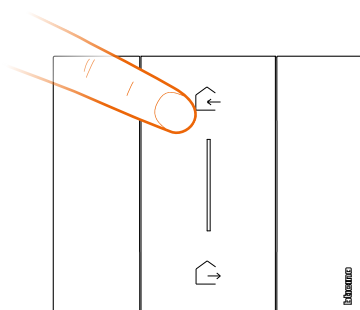


Check that the LEDs of all the devices are off, with the exception of the device to add, which must have a steady red LED.

Note: if the LEDs of any devices stay red, disconnect the power from the system, wait at least a minute, reconnect it, wait a minute and then repeat the procedure from item 1.

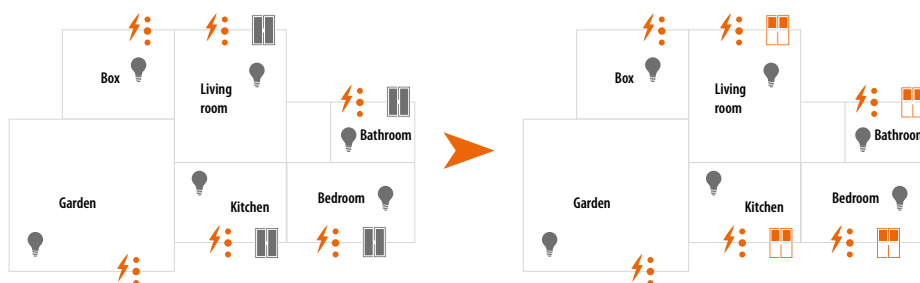
After associating the Master wireless In&Out scenario control, it is possible to activate the IN/OUT scenarios that can be controlled by the same.

Note: Install the Home + Control App and associate it with the system to take full advantage of the system features.

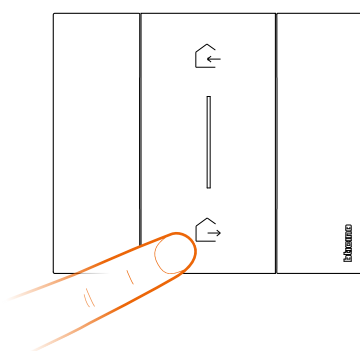


K4570CW upper key for **IN** scenario.

- Shutters UP
- No effect on sockets
- No effects on lights and relays

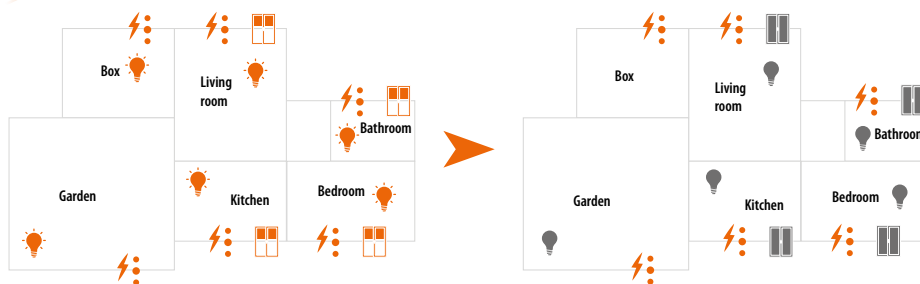


Note: after completing the association, wait a few minutes before activating the scenarios.



K4570CW lower key for **OUT** scenario

- Lights and relays OFF,
- Shutters DOWN
- No effect on sockets



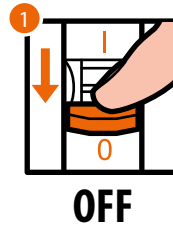
You can also add other wireless scenario controls (see Adding a wireless scenario control)

Note: the wireless Night&Day scenario control is preset for controlling Night and Day scenarios. It is then possible to define the actions that will perform these scenarios using the Home + Control App.

Add a connected device

In this procedure, the wired device is given as an example; for the complete list of wired devices that can be used, see the "General features" paragraph.

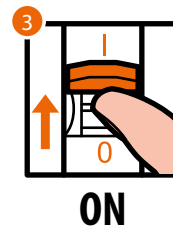
If the Home + Control App has already been activated, follow the instructions of the "Add a product to this home" menu in the App, or:



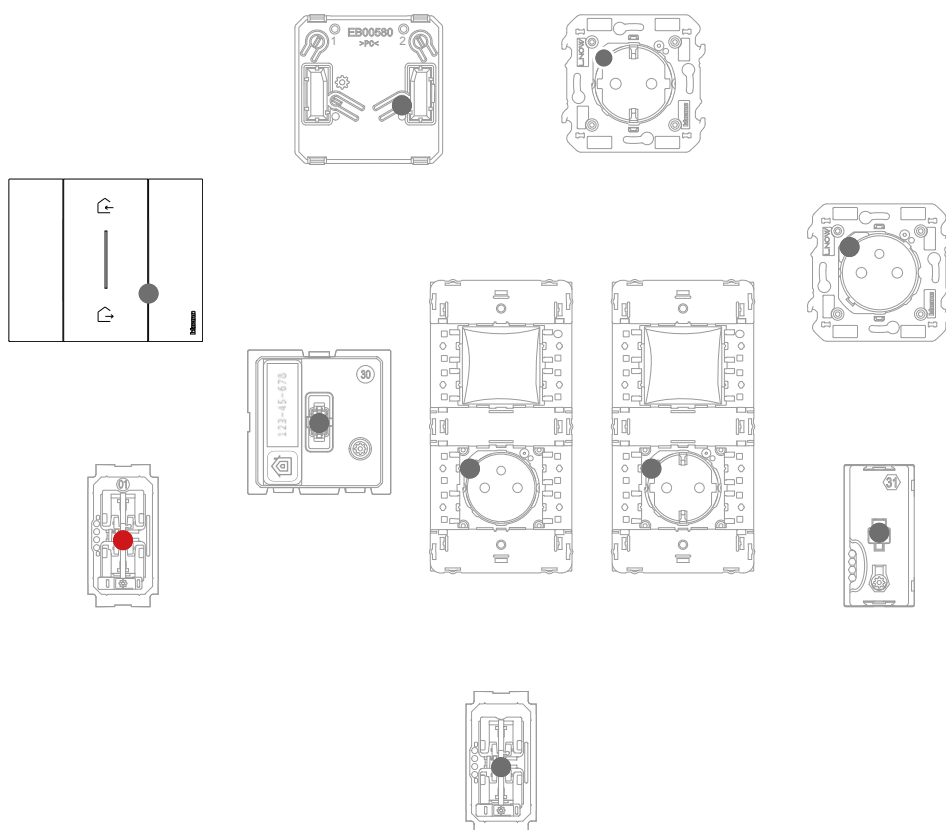
1. Disconnect the voltage from the general switch.



2. Install the new connected device.



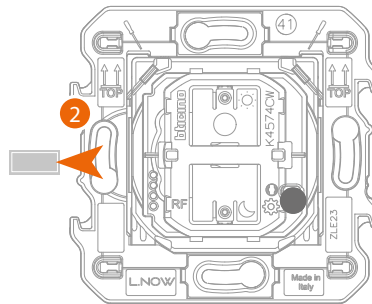
3. Reconnect the power supply using the general switch and wait 1 minute for correct system startup.



Check that the LEDs of all the devices are off, with the exception of the device to add, which must have a steady red LED.

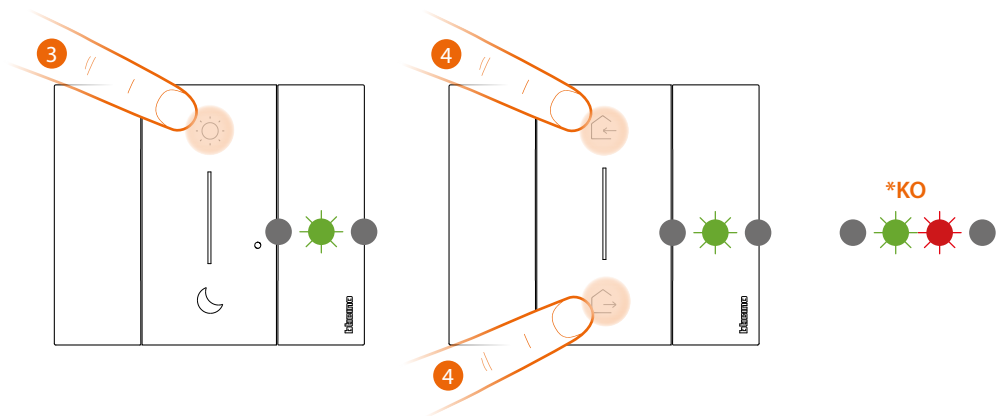
4. Complete the association of the new device as shown in "Associate connected devices"(point 1).

Note: if completed using the App, this procedure will suggest exactly the same sequence of actions described here.



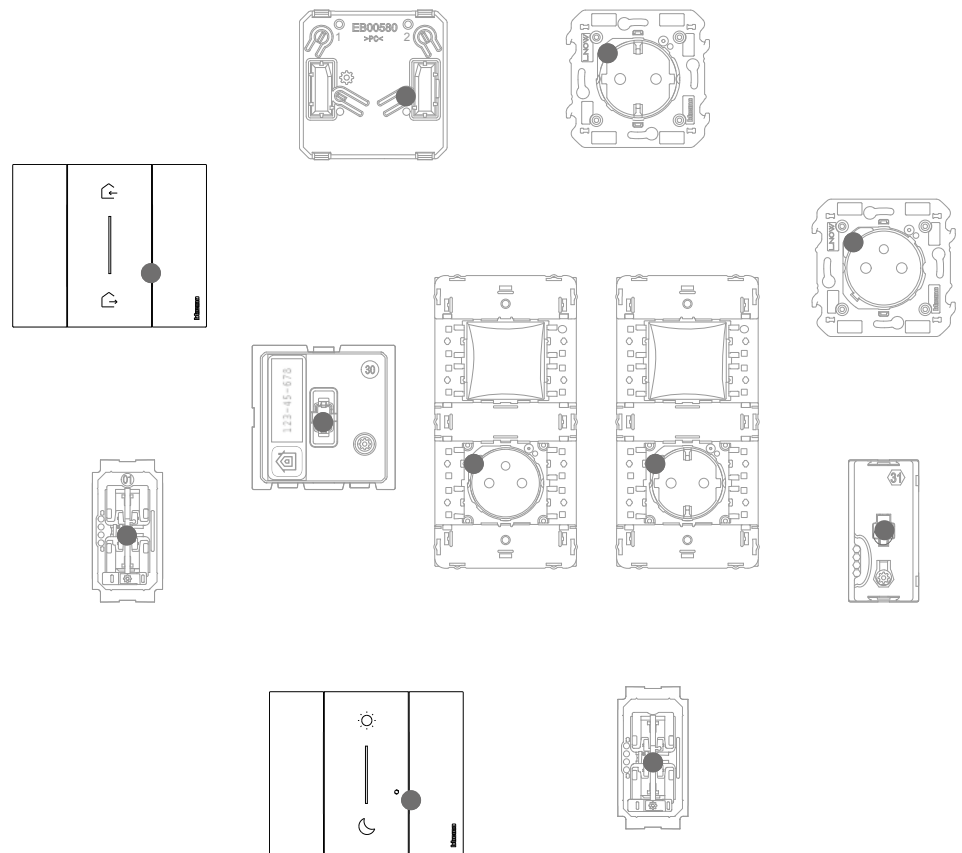
Wireless In&Out scenario control

2. Remove the tab from the scenario control to be added



Warning: if covers are not fitted, do not press the wireless control keys.

3. Press and release one of the control keys: the LED flashes green; release it and wait for the LED to turn off.
* If the procedure fails, remove and reinsert the battery, then, repeat the operation.
4. **End the association:**
press and release the two keys of the master control at the same time. The LED will start flashing green: wait until it turns off.

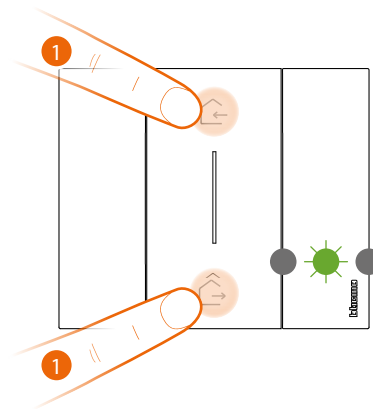


Check that the LEDs of all the devices immediately turn off. The control is now associated to your Smart electric system and you will be able to control the IN/OUT and/or Day/Night scenarios. You can also add Wireless Light and Shutter Controls, following the procedure below.

Associate a wireless light/rolling shutter control to one or more modular connected devices

In this procedure, the light control is given as an example; for the complete list of light/shutter controls that can be used, see the "General features" paragraph.

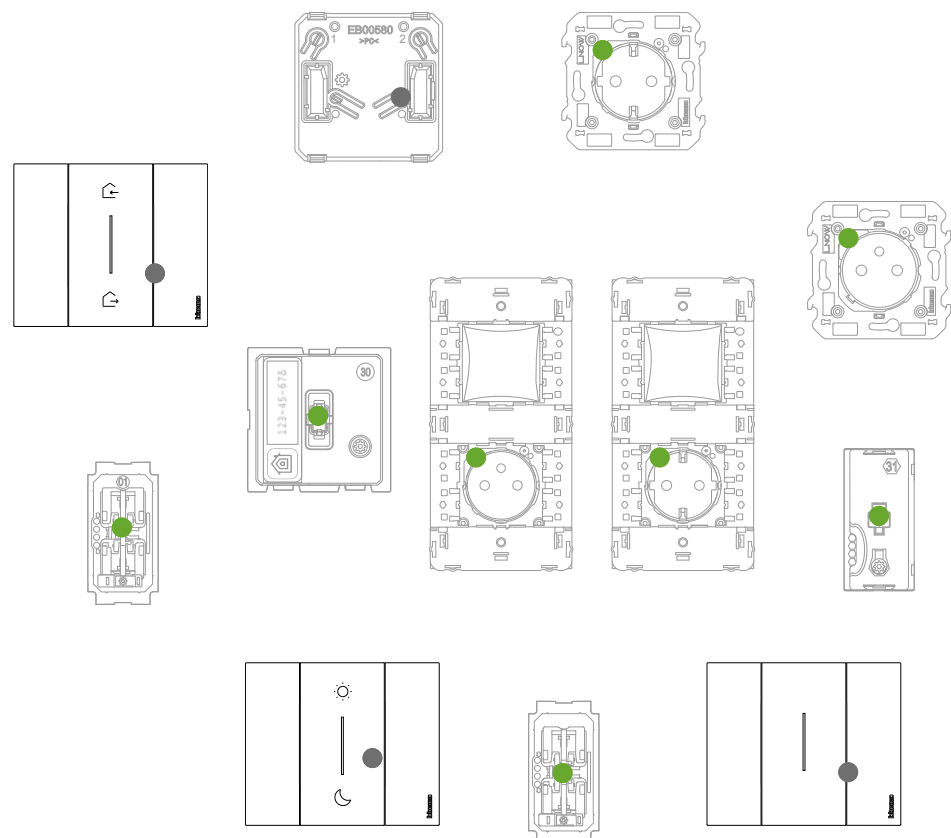
If the Home + Control App has already been activated, follow the instructions of the "Add a product to this home" menu in the App, or:



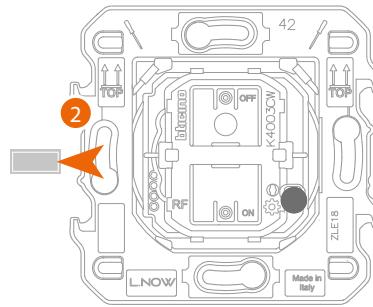
Master wireless In&Out scenario control

1. Start the association:

press and hold down the two keys of the master control at the same time, the LED will turn green. Release the keys and wait until it turns off.



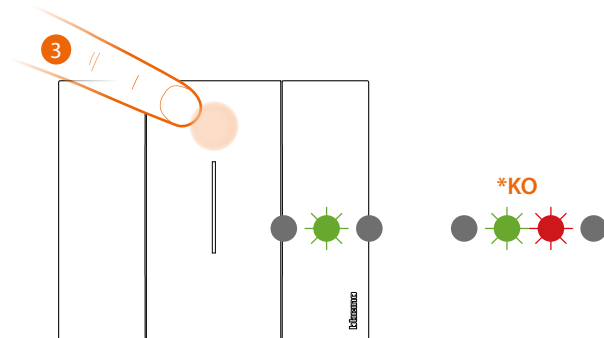
Check that the LEDs of all the devices immediately turn green steady (with the exception of the wireless LEDs, which will be off).



**Wireless light control
or
Wireless shutter control**

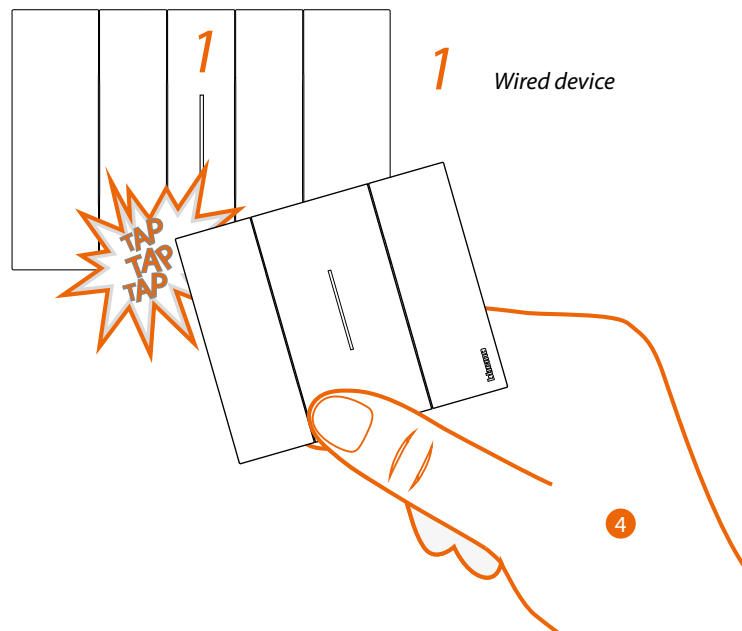
2. Remove the tab from the new control.

Warning: if covers are not fitted, do not press the wireless control keys.

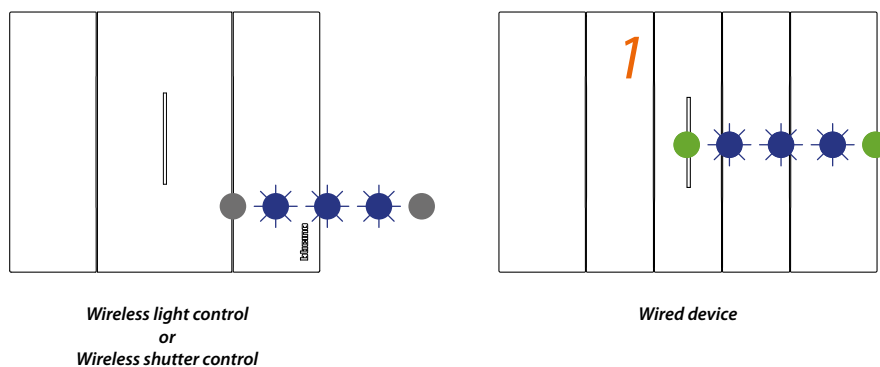


3. Press and release one of the two control keys: the LED flashes green; wait until it turns off.
* If the procedure fails, remove and reinsert the battery, then, repeat the operation.

The control is now associated to your Smart electric system.



4. Press and hold down one of the two keys of the wireless control to associate, with the control, **touch three times (gently and in quick sequence)** the connected device to associate.

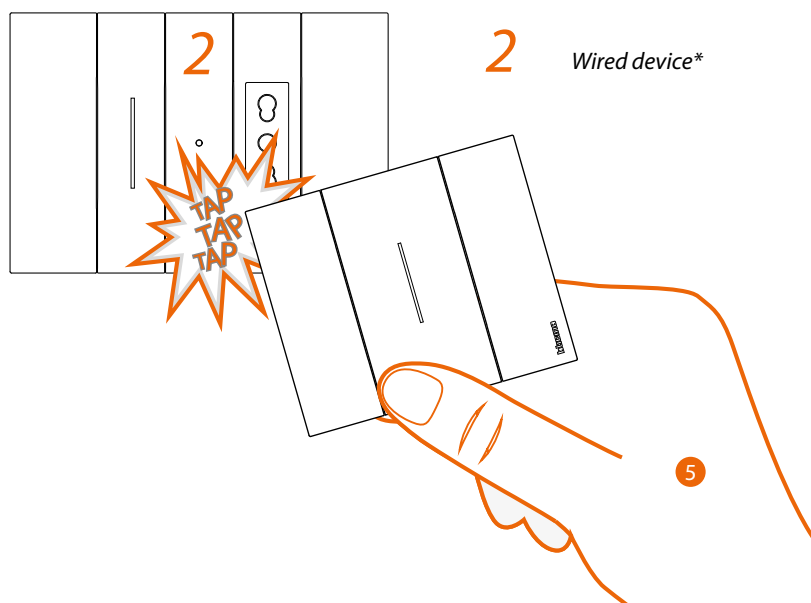


The LEDs flash three times blue. Release the wireless control.
 The control LED goes from blue flashing to off, turns on again blue for a second and then turns off.
 The LED of the connected device goes from blue flashing to green, then turns back to blue for one second and then again to green.

If only one connected device needs to be associated, go to item 6 to complete the association, otherwise continue as indicated at item 5.

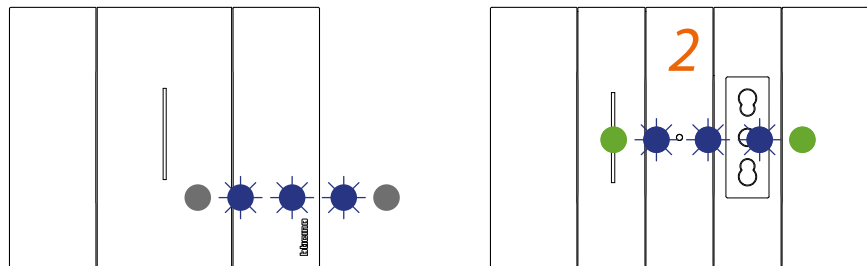
The wired devices to be associated with the controls can be of different types, always respecting the correspondence of the light or shutter function.

In this example, the first device is a connected two-way switch, the second is a connected socket module.



5. Press and hold down one of the two keys of the wireless control to associate, with the control, **touch three times (gently and in quick sequence)** the connected device to associate.

***Note:** connected sockets can be associated with a wireless light control. These sockets are not as a rule operated by the wireless scenario controls that control lights. However, it is possible to define or modify and include the actions that will be performed by the four scenarios through the Home + Control App.

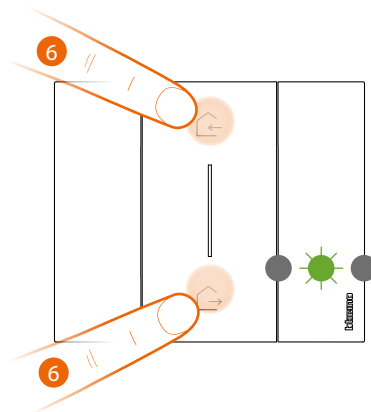


*Wireless light control
or
Wireless shutter control*

Wired device

The LEDs flash three times blue. Release the wireless control.

The control LED goes from blue flashing to off, turns on again blue for a second and then turns off. The LED of the connected device goes from blue flashing to green, then turns back to blue for one second and then again to green.



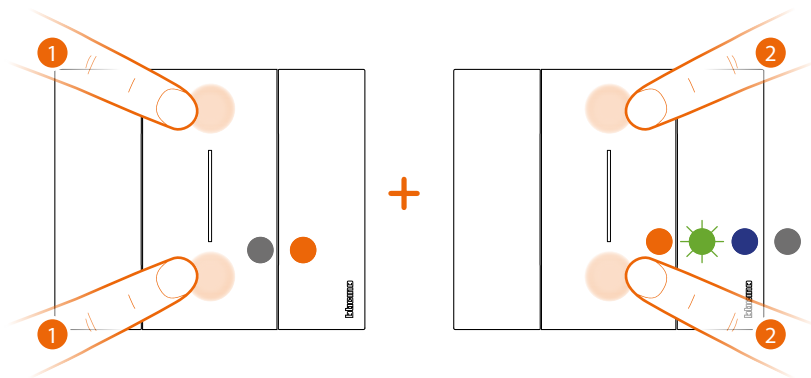
Master wireless In&Out scenario control

6. End the association:

press and release the two keys of the master control at the same time. The LED will start flashing green: wait until it turns off.

Dissociate a wireless control from the connected devices

Note: the wireless control that is the subject of this procedure is an example; for the complete list of wireless controls, see the "General features" paragraph.



*Wireless light control
or
Wireless shutter control*

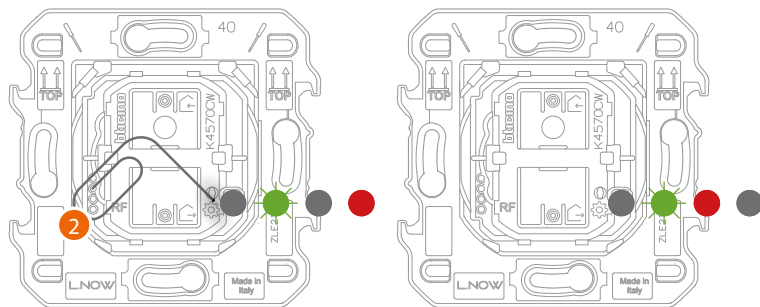
1. Press at the same time the two pushbuttons of the control to dissociate until the LED turns orange.
While the LED is orange release the pushbuttons.
2. Press and release the two control keys at the same time.
The LED will start flashing green, then turns blue, and then turns off.

Reset to the factory settings

Warning: this procedure completely dissociates the device from the smart electric system.

Warning: never reset the Master wireless In&Out scenario control; in case of reset, start the association with the zigbee network by quickly pressing the Gateway reset pushbutton, and then press and release a key of the Master wireless In&Out scenario control and wait for the association to take place (the control key flashes green for a few seconds and then turns off).

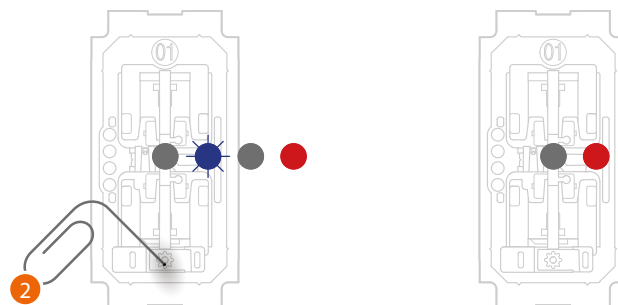
Procedure for wireless controls:



1. Press and hold down the reset pushbutton* until the LED turns red.
Now release the pushbutton.
The LED flashes green, then turns red and then it goes off.

***Note:** For some aesthetic series, remove covers or plates to access the reset button

Procedure for wired devices:



2. Press and hold down the reset pushbutton* until the LED starts flashing red.
Now release the pushbutton.
The reset has been done

***Note:** For some aesthetic series, remove covers or plates to access the reset button

Warning: a short accidental pressure of the reset pushbutton, starts the association (green LEDs are ON). Press quickly and at the same time the two keys of the Master wireless In&Out scenario control to end it.

Use the App

After completing the association of all the devices connected to the gateway and adding any wireless controls associated to connected devices, it will immediately be possible to:

- activate the "IN" scenario: all rolling shutters go up
- activate the "OUT" scenario: all lights turn off and all rolling shutters go down
- control lights, sockets and rolling shutters with their wireless controls

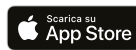
Download the "**Home + Control**" App and configure it so that all the other functions of the Smart electric system are available:

- scenario customisation
- remote control with Smartphone
- voice control using your favourite voice assistant
- receive notifications in case of overload or fault in the system
- check electric consumptions

for more info visit
www.homesystems-legrandgroup.com



To download the Home + Control App



BTicino SpA
Viale Borri, 231
21100 Varese
www.bticino.com
