



Btdin with Netatmo

Installation Manual



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General features

The Gateway allows you to create your Smart electric system by associating together all the wired devices of the Btdin with Netatmo range.

The Gateway connects to your home router through the Wi-Fi connection (2.4GHz only), to allow the local or remote control of lights and socket using the smartphone ("Home + Control" App) or voice controls (using a voice assistant).

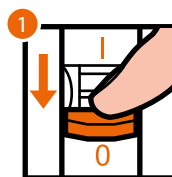
In order to optimize signal reception, it is recommended that the Gateway is installed close to the router.

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 civil series 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. Smarter with Netatmo).
- The products and features shown may not be available in all markets. Check with your supplier or installer about their availability.

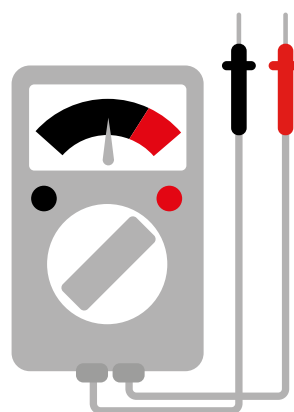
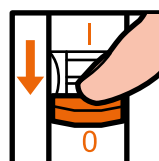
DIN Smart gateway	DIN Smart contactor	Relè smart	DIN smart relay for light	Connected DIN load management module	Smart Dry Contact with Netatmo
					
FC80GT	FC80CC	FC80RC	F20T60A	FC80GCS	FC80AC

Install Btdin with Netatmo



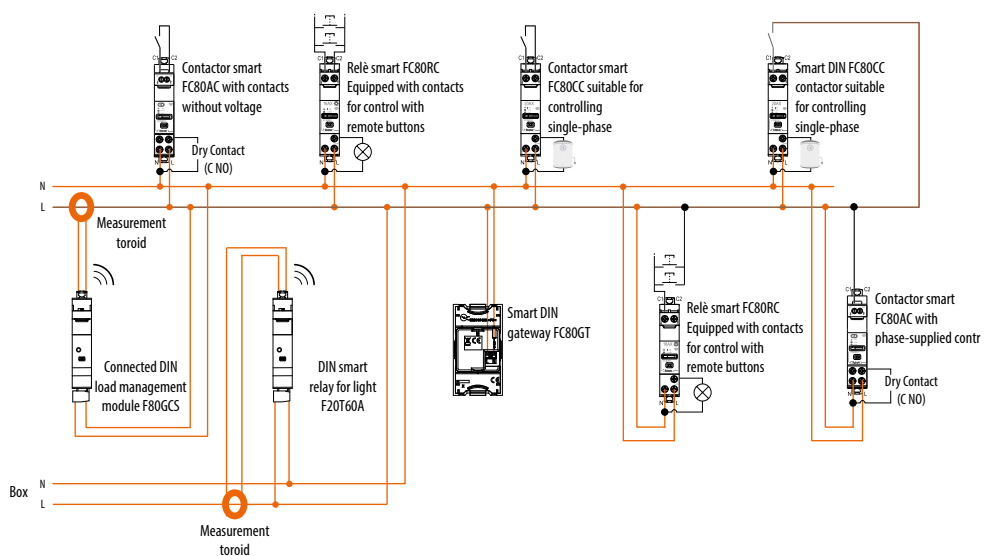
OFF

1. Disconnect the voltage from the general switch.



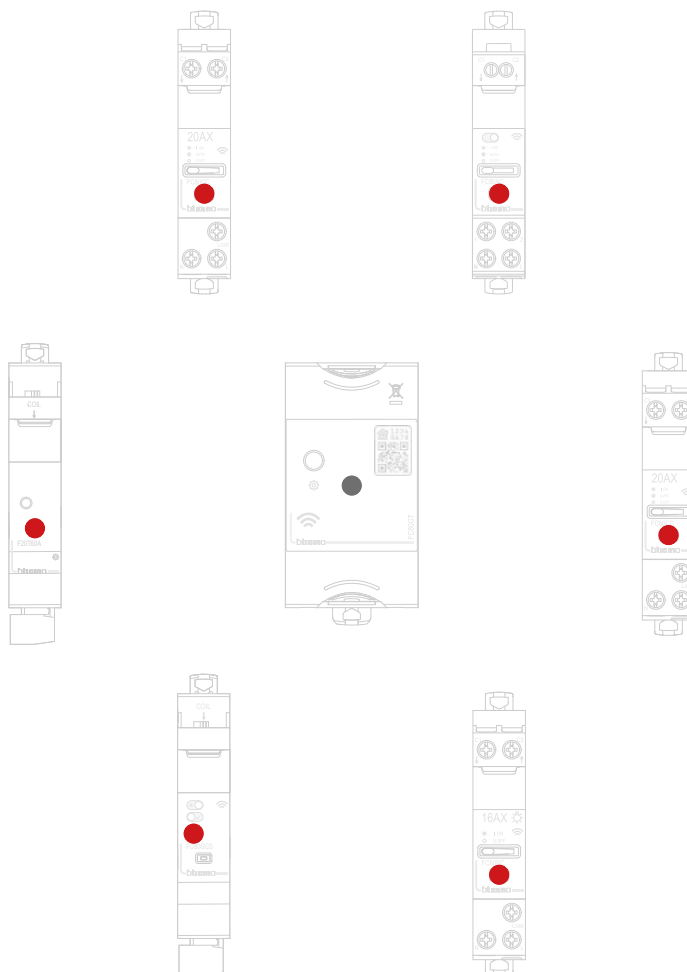
Check that the system is not powered.

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



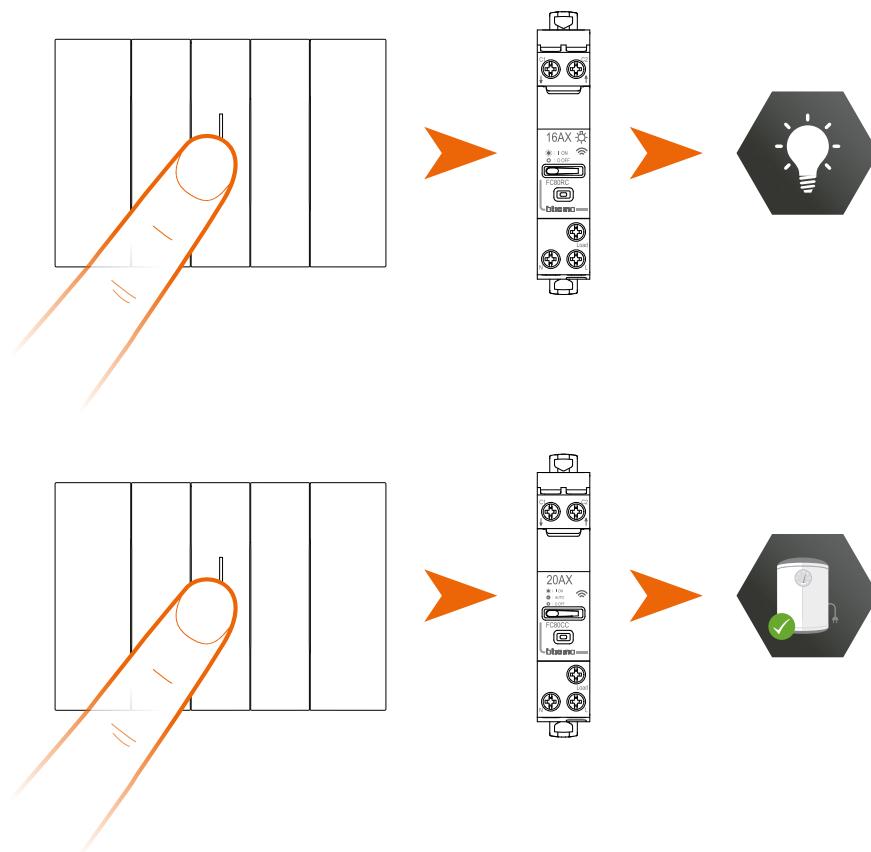


2. Reconnect the power using the general switch.



Check that the LEDs of all the devices turn on red steady (with the exception of the gateway LED, which remains off).

After installing the smart electric system, it will be possible to control lights and loads without further set up needed.

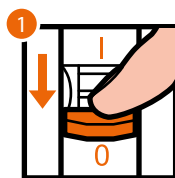


Note: smart contactors will be powered by default.

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

Associate the wired devices

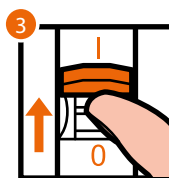
Perform the pairing procedure shown below within 15 minutes of powering up the system. Otherwise repeat the operation from the beginning.



OFF



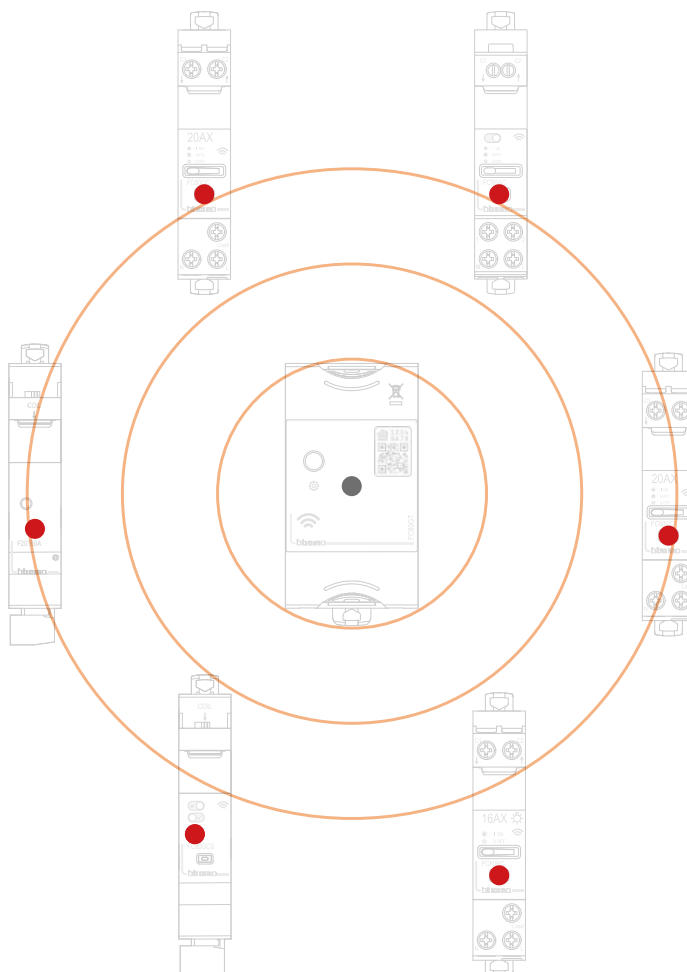
1. Disconnect the voltage from the general switch.
2. Wait for 1 minute.

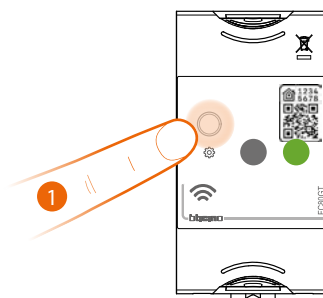


ON



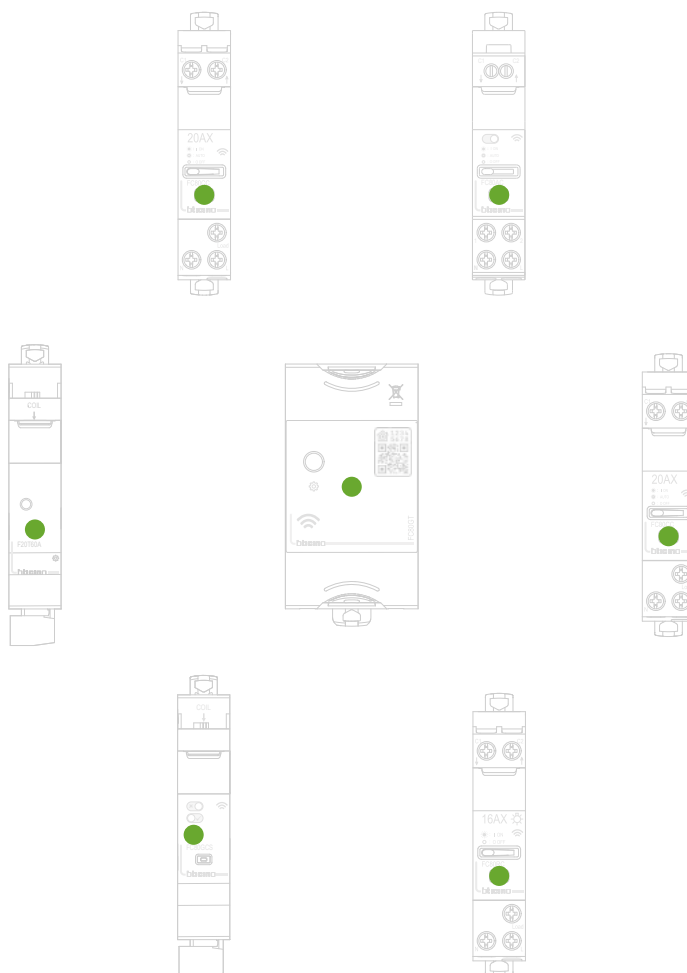
3. Reconnect the power using the general switch.
4. Wait 1 minute for correct system startup.





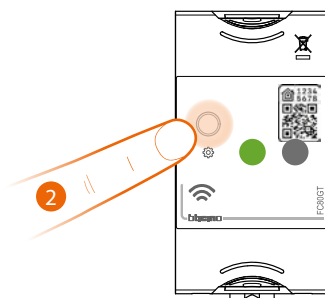
FC80GT Gateway

1. **Start the association:**
press the reset key of the Gateway until the LED turns green.



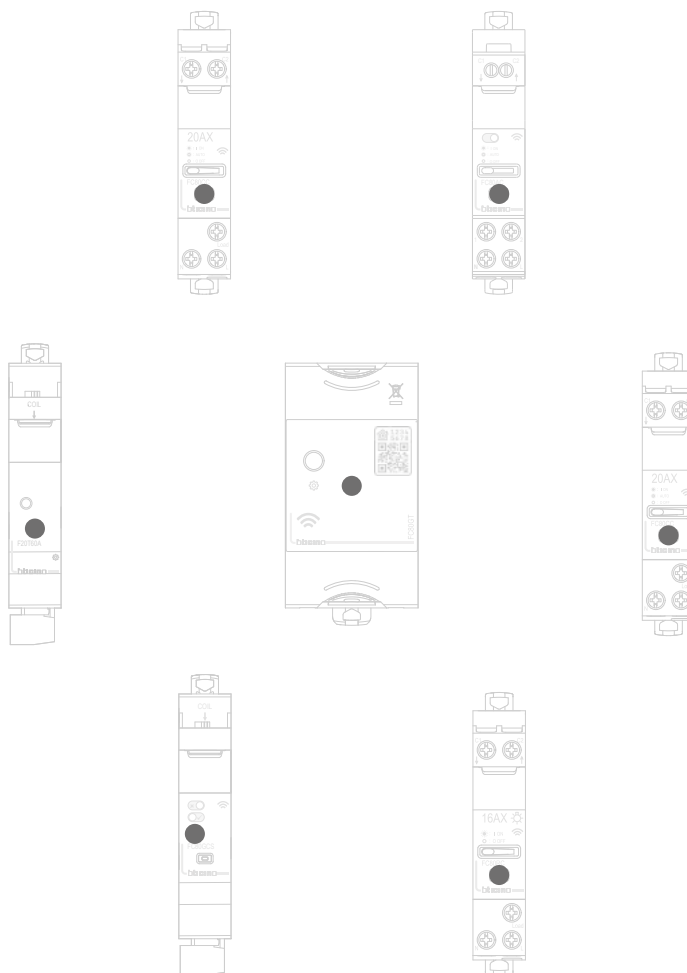
Check that the LEDs of all the devices turn green steady.

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



FC80GT Gateway

2. **End the association:**
press and release the reset key of the Gateway, the LED switches off.

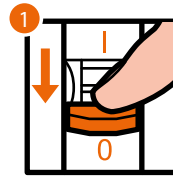


Check that the LEDs of all the devices immediately turn off: the wired devices are now associated with each other.

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

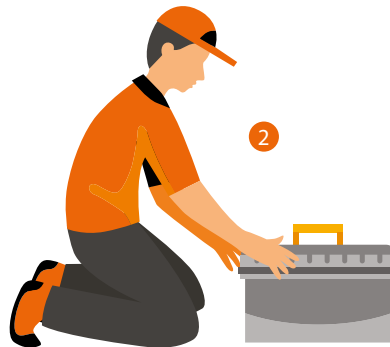
Add a wired device

Note: if the association with the Home + Control App has already been completed, follow the instructions of the "Add a product to this home" menu in the App, or:

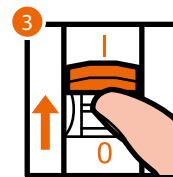


OFF

1. Disconnect the voltage from the general switch.

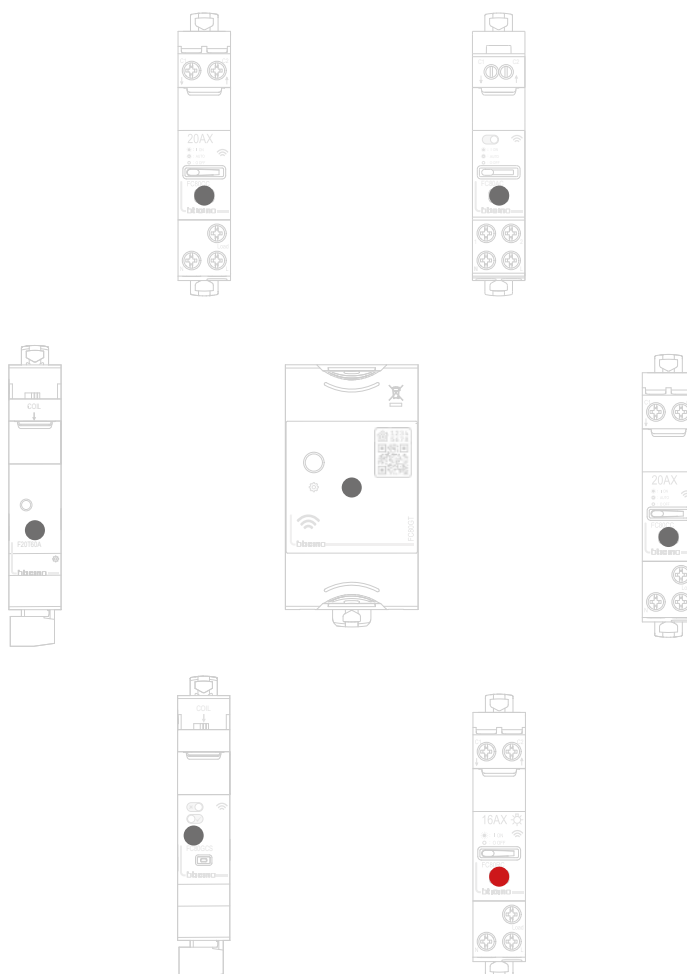


2. Install the new wired device.



ON

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 wired devices” (point 1).

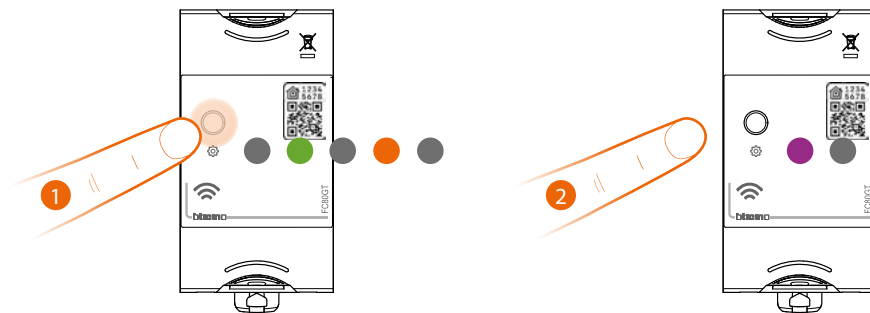
Note: if completed using the App, this procedure will suggest exactly the same sequence of actions described here.

Reset the Wi-Fi and Apple HomeKit

This procedure must be performed on the FC80GT Smart DIN Gateway, the result will be

- complete disconnection of the gateway from HomeKit
- disconnection from the Wi-Fi network.

Caution: this procedure has no effect on the association of the devices on the system that remain connected to each other.

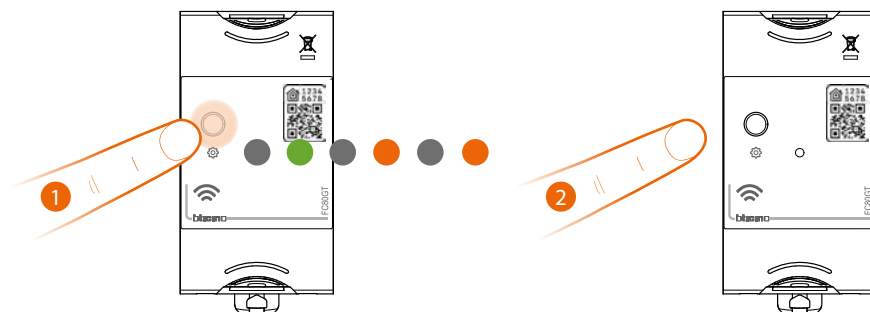


1. Press and hold down the reset pushbutton, the LED turns green then switches off, turns orange, switches off and then turns orange again.
2. Release the pushbutton.
After a few seconds, the LED turns purple and then switches off. The reset is now complete.

Reset to the factory settings

Procedure for Gateway DIN smart FC80GT

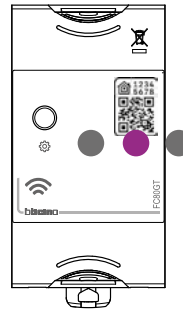
This procedure completely disconnects the device and returns it to the factory settings. All data will be lost.



1. Press and hold down the reset pushbutton, the LED turns green then switches off and at last turns orange.
2. Release the pushbutton.



The LEDs of the associated devices turn red and the devices return to their factory settings. This may take a few minutes.



At the end, the gateway LED switches off, turns purple and then switches off again. The reset is now complete. At the end, the gateway LED switches off, turns purple and then switches off again. The reset is now complete.

Procedure for Smart FC80CC Contactor, FC80AC Smart DIN Actuator and FC80RC Smart Relay.



1. Press and hold down the reset pushbutton.
The LED turns red.
Now release the pushbutton.
The LED turns red steady. The reset has been done.

Warning: a short accidental pressure of the reset pushbutton, starts the association (green LEDs are ON). Press quickly the reset pushbutton of the FC80GT gateway to end it.

Use the App

After completing the association of all the wired devices to the gateway it will immediately be possible to:

- control lights and sockets.

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



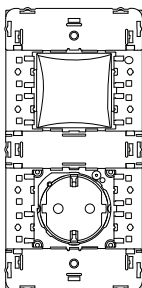
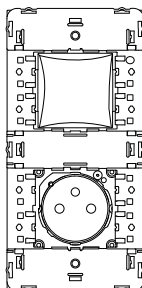
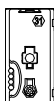
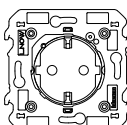
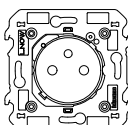
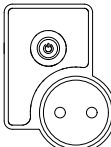
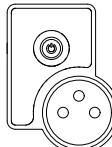
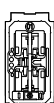
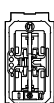
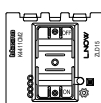
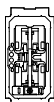
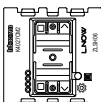
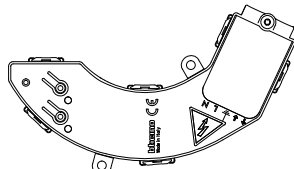
Compatibility with civil series

You can associate to your Smart electric system other civil series wired and wireless devices. This section shows as examples devices of the Living Now with Netatmo range, although the same functions may also be combined with other BTicino with Netatmo ranges.

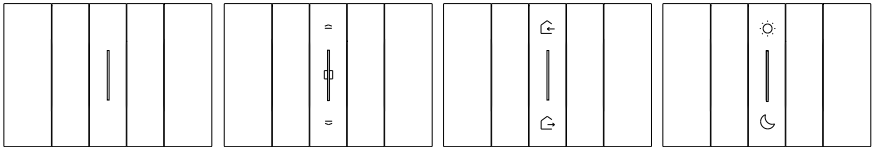
This integration allows to extend the functionality of your Smart DIN system. In addition, you will be able to:

- activate scenarios using radio controls
- activate light relays using radio controls
- activate smart contactors using radio controls
- manage shutters.

Devices for civil series and junction box

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

Wireless controls

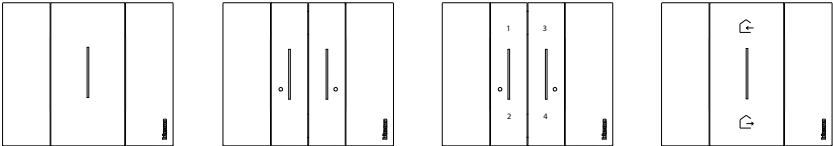


Flush mounted
wireless light control

Flush mounted
wireless shutter
control

Flush mounted
IN&OUT scenario
control

Flush mounted
wireless Night&Day
scenario control



Wall mounted
wireless light
control

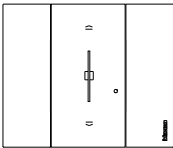
Wall mounted
wireless double light
control

Wall mounted
wireless 4-scenario
control

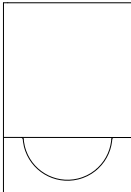
Wall mounted
wireless In&Out
scenario control



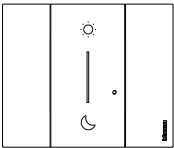
Wireless module
for mechanical
switch



Wall mounted
wireless shutter
control

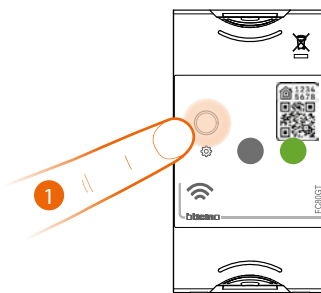


Wireless
movement
detector



Wall mounted
wireless Night&Day
scenario control

Add a wireless scenario control

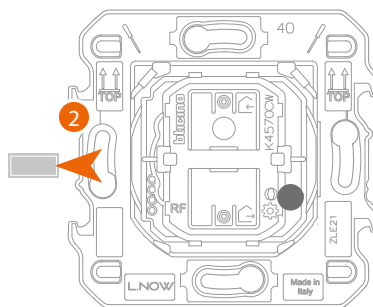


FC80GT Gateway

- 1. Start the association:**
press the reset key of the Gateway until the LED turns green.



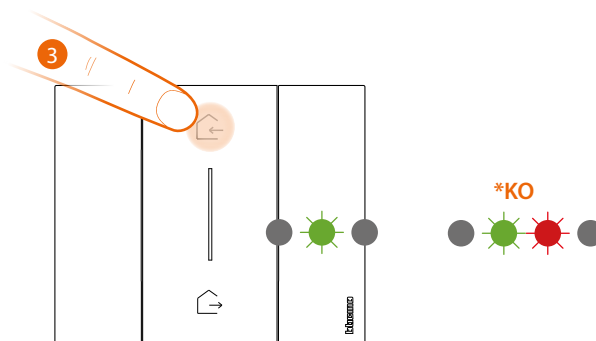
Check that the LEDs of all the devices immediately turn green steady (with the exception of the wireless LEDs, which will be off).



Wireless In&Out scenario control

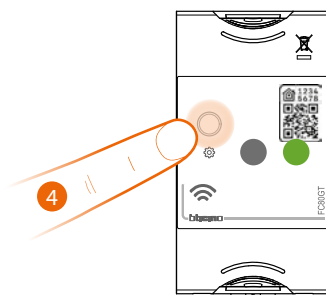
2. Remove the tab from the control

Warning: if cover and plate are not fitted, do not press the wireless control keys.



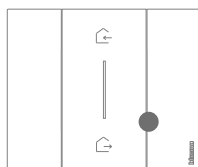
3. Press and release one of the control keys: the LED flashes green; release it and wait for the LED to turn off.

* If the procedure fails, remove and reinsert the battery, then, repeat the operation.



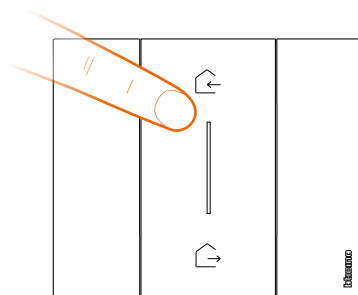
FC80GT Gateway

4. **End the association:**
press and release the reset key of the Gateway, the LED switches off.

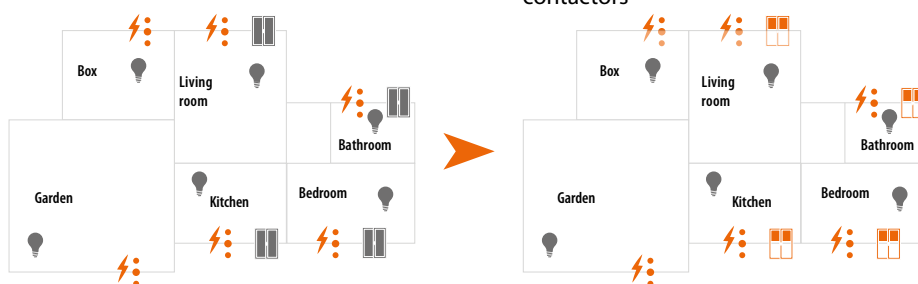


Check that the LEDs of all the devices immediately turn off: the wired devices are now associated with each other.

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



Upper key for **IN** scenario

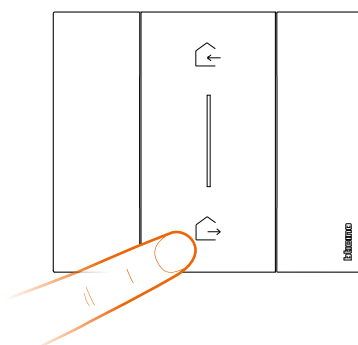


Shutters UP

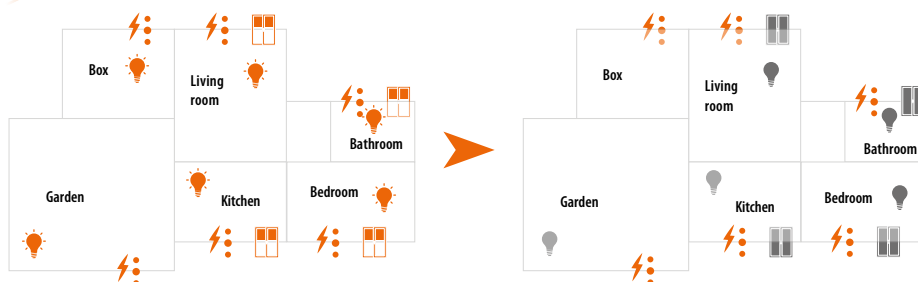
No effect on sockets and contactors

No effects on lights, relays and remote contactors

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



Lower key for **OUT** scenario



Lights, relays and remote contactors OFF,

Shutters DOWN

No effect on sockets and contactors

Following the procedure below, it is also possible to add other scenario controls or the Night/Day wireless scenario control:

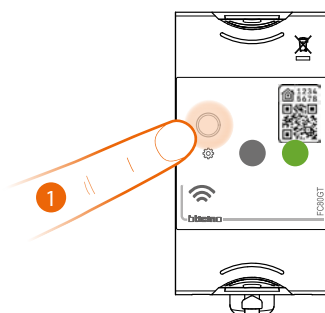
Note: the wireless scenario control is preset for controlling Night and Day scenarios.

It is then possible to define the actions that will perform these scenarios using the **Home + Control App**.

Associate a wireless light control to one or more modular wired devices

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:

Note: it is not possible to associate the FC80CC Smart Contactor wired device to the wireless light control.



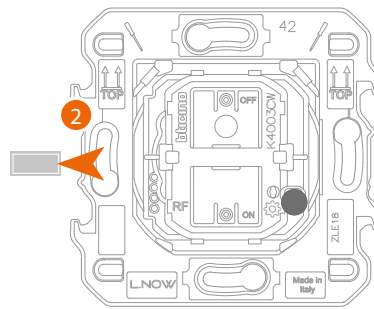
FC80GT Gateway

1. Start the association::

press the reset key of the Gateway until the LED turns green.



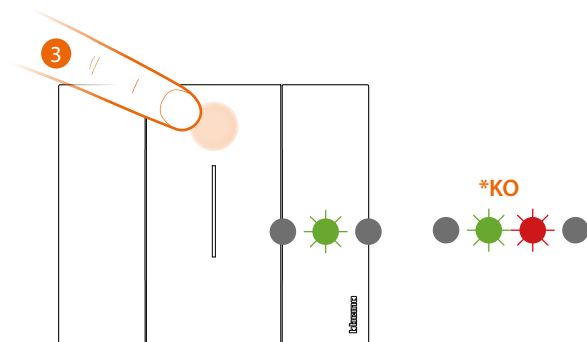
Check that the LEDs of all the devices immediately turn green steady (with the exception of the wireless LEDs, which will be off).



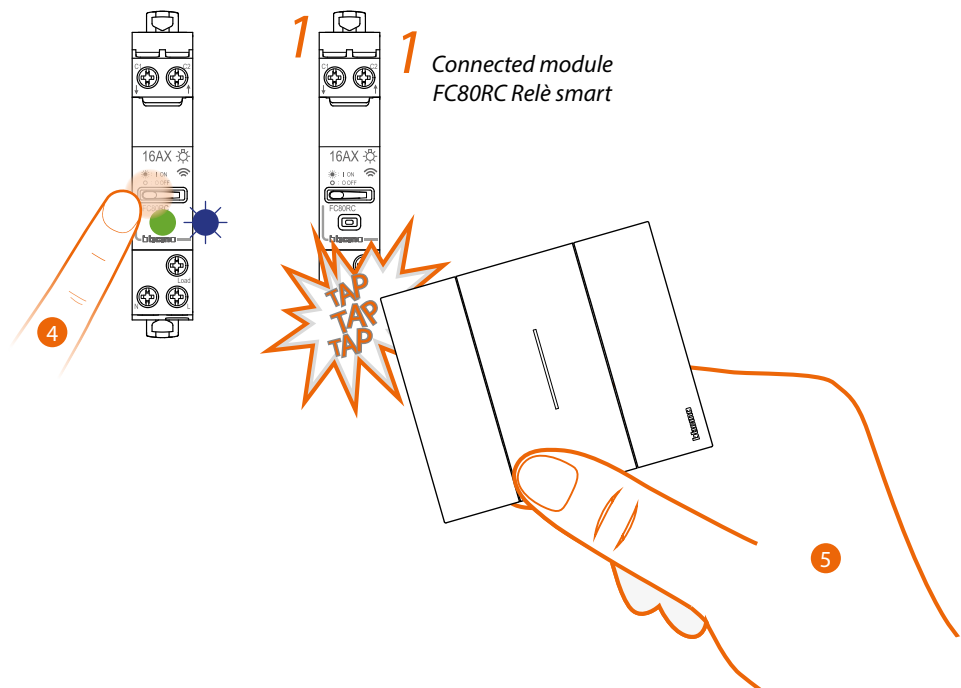
Wireless light control

2. Remove the tab from the new control.

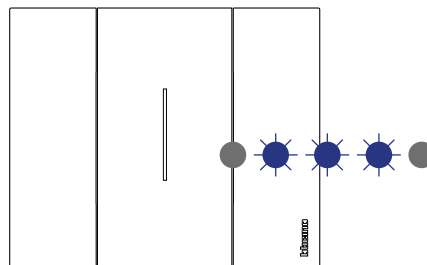
Warning: if cover and plate are not fitted, do not press the wireless control keys.



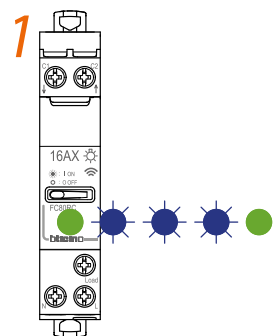
3. Press and release one of the two control keys: the LED flashes green; wait until it turns off. The control is now associated to your Smart electric system. Let's now continue with the association of the light to the control.
- * If the procedure fails, remove and reinsert the battery, then, repeat the operation.



4. Press and hold down the control pushbutton until the LED flashes blue then release.
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 wired device to associate.



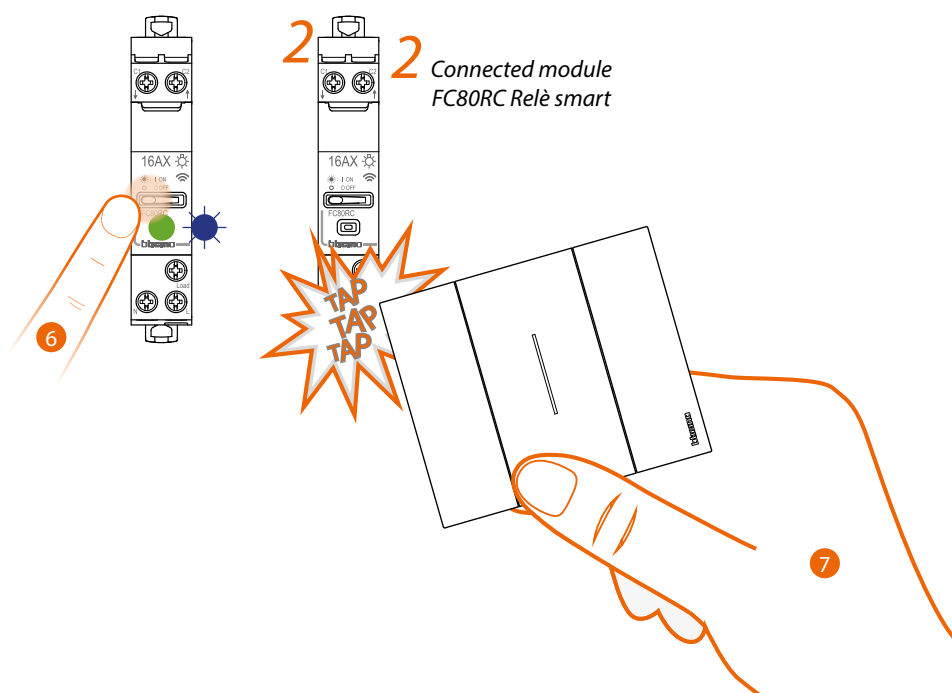
Wireless light control



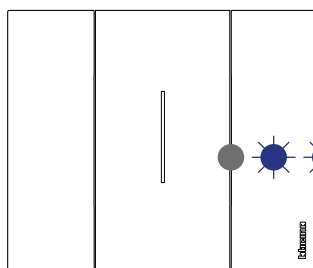
Connected module Relè smart

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 wired device goes from blue flashing to green, then turns back to blue for one second and then again to green.

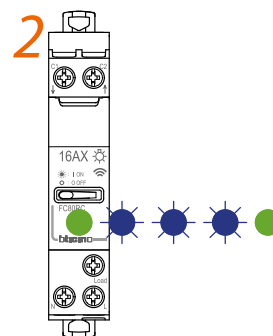
If only one wired device needs to be associated, go to item 8 to complete the association, otherwise continue as indicated at item 6.



6. Press and hold down the control pushbutton until the LED flashes blue then release.
7. 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 wired device to associate.



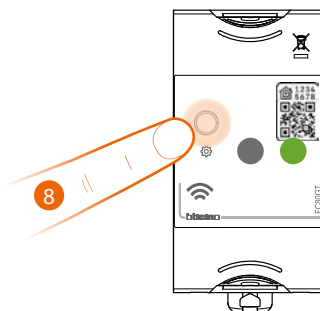
Wireless light control



Connected module FC80RC Relè smart

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

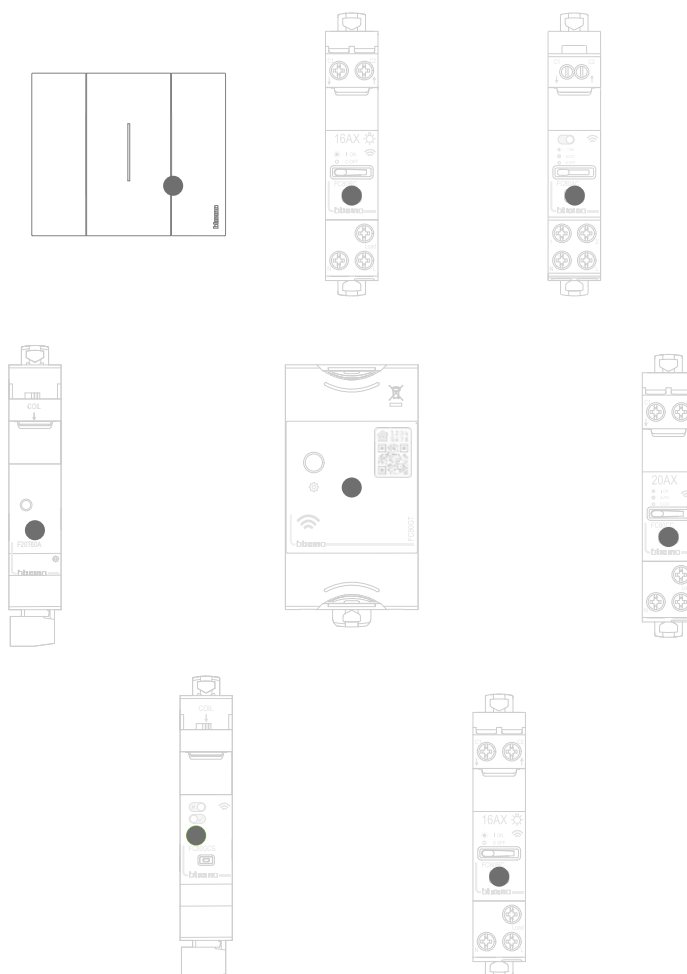
The control LED goes from blue flashing to off, turns on again blue for a second and then turns off. The LED of the wired device goes from blue flashing to green, then turns back to blue for one second and then again to green.



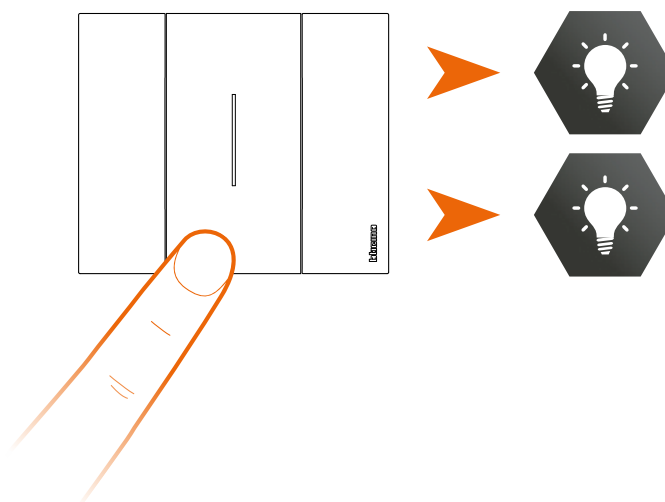
FC80GT Gateway

8. End the association:

press and release the reset key of the Gateway, the LED switches off.



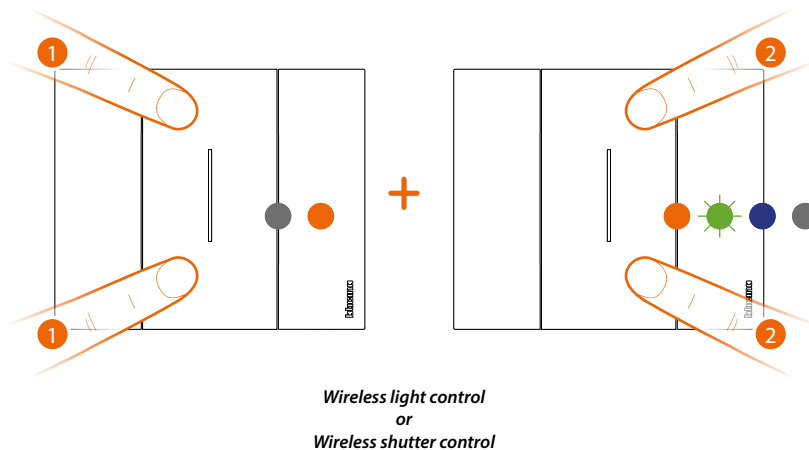
Check that the LEDs of all the devices immediately turn off: the wired devices are now associated with each other.



After associating the wireless light control to the smart relays, it is possible to activate the connected loads.

Dissociate a wireless control from the wired devices

Note: the wireless control that is the subject of this procedure is an example; for the complete list of wireless controls, see the "Compatibility with civil series" section.



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.

