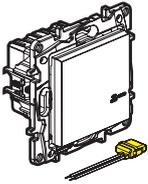# Connected switch (with dimmer option) without neutral
8 636 53 - 8 637 53 - 8 638 53 - 8 639 53

Li **legrand**®

This pack is a connected accessory which **requires** you to buy and install the Niloé Step with Netatmo connected starter pack first.

Pack contents

Connected switch
(with dimmer option) + bleeder

Frequency bands: 2.4 - 2.4835 GHz
Power level: < 100 mW

Characteristics

In default mode (on/off), this switch works with the following types of bulb :

+45°C +5°C 50/60 Hz	2 x 1,5 mm² 1 x 2,5 mm²	☀	(*) **LED**	
240 V~	Max.	125 W	125 VA	125 VA
	Min.	5 W	5 VA	5 VA
110 V~	Max.	75 W	75 VA	75 VA
	Min.	5 W	5 VA	5 VA

(*) or 10 bulbs max. For comfortable lighting, we recommend using bulbs of the same type and manufacturer.

Product NOT COMPATIBLE with ferromagnetic transformer
Risk of product breaking

⚠ In dimmer option operating mode (which can be activated via the App), this switch functions only with dimmable bulbs (identifiable by the logo on packaging).

DIMMABLE

LE13856AA

The bleeder ref 040149 have to be used systematically to :
-avoid flash ghost effects when the load is OFF.

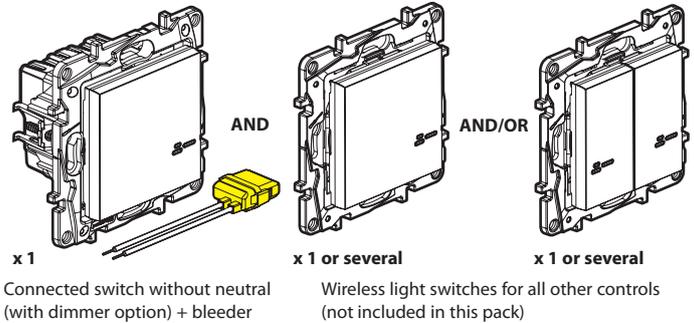| —Ⓥ—	〜	—Ⓐ—	🌡
110-240 V~	50/60 Hz	11 mA max.	- 5° C ⟶ + 55° C

Only one bleeder per circuit

Before starting : wiring precautions

If you plan to install two-way light switches or switched power outlets, read the following precautions:

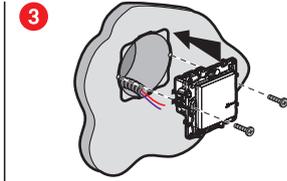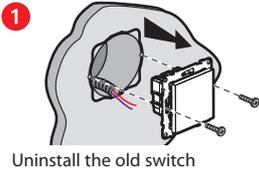To control a light with two or more switches, only use the products:

AND   AND/OR

x 1   x 1 or several   x 1 or several

Connected switch without neutral
(with dimmer option) + bleeder

Wireless light switches for all other controls
(not included in this pack)

⚠ **Do not use:** two connected switches (with dimmer option) to control the same lighting point.

① Mandatory safety precautions

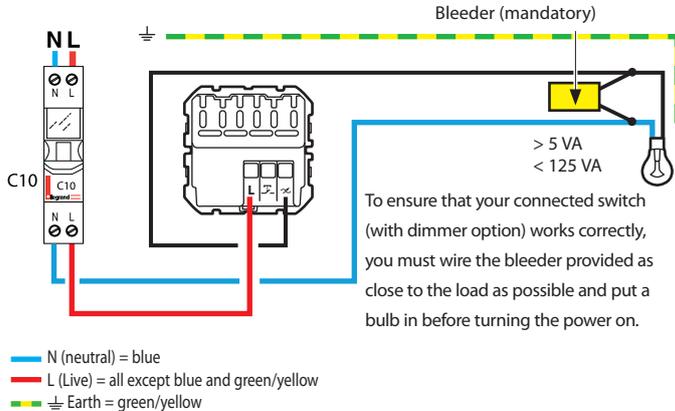① ⚠ **OFF** OFF Switch off the power at the main circuit breaker

② ⚠ **Make sure that the power is off before continuing with the installation.**
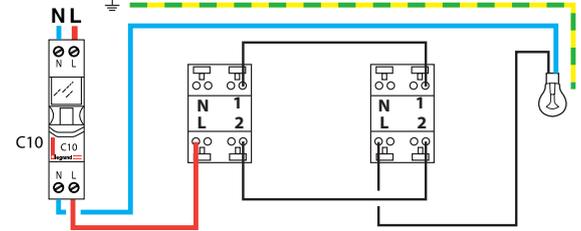
② Install the connected switch (with dimmer option)

①

Uninstall the old switch

③

② Wire the connected switch

Bleeder (mandatory)

> 5 VA
< 125 VA

To ensure that your connected switch (with dimmer option) works correctly, you must wire the bleeder provided as close to the load as possible and put a bulb in before turning the power on.

— N (neutral) = blue
— L (Live) = all except blue and green/yellow
— ⏚ Earth = green/yellow

⚠️

DIMMABLE

The connected switch (with dimmer option) works with standard bulbs or dimmable bulbs including LEDs over 5 W. Using dimmable LEDs is mandatory when dimmer mode is activated.
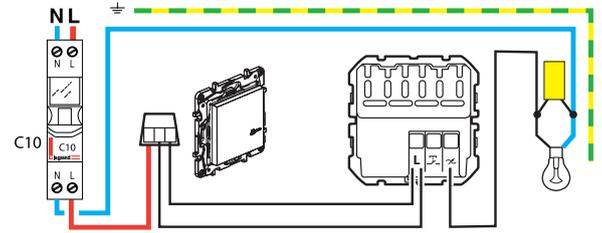

Existing wiring

Replacement of an existing 2-way switch by a connected switch + wireless light switch

Previous switch replaced by the wireless light switch

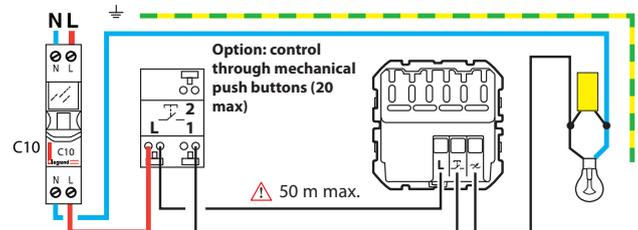Wireless switch + wired connected switch

Use a connector to connect all 3 wires together (travellers 1 and 2 and lamp return wire). Use a dedicated connector to insulate the neutral wire (if present)

Replacement of a 2-way switch by a connected switch + mechanical push-button. Previous switch replaced by the mechanical push button

Mechanical push button + connected wired switch

Option: control through mechanical push buttons (20 max)

⚠️ 50 m max.

To add a connected product to your connected installation, you should follow the instructions:

- in the **Legrand Home + Control** application (**Settings/Add a new product** section)

- or consult the user manual on **legrand.com**

www.legrand.com

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SIMPLIFIED **EU** DECLARATION OF CONFORMITY

The undersigned,

Legrand

declares that the radio-electric equipment referred to in these instructions complies with directive 2014/53/EU. The full text of the EU declaration of conformity is available on the following website :

www.legrand.com/ecatalogue