

 **legrand**  
**8 636 53**  
**Connected Switch**  
**With Dimmer**  
**Option**



# legrand 8 636 53 Connected Switch With Dimmer Option Instructions

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**legrand 8 636 53 Connected Switch With Dimmer Option**



### Specifications:

- **Product Name:** Connected Switch (with dimmer option) without neutral
- **Model Numbers:** 8 636 53, 8 637 53, 8 638 53, 8 639 53
- **Frequency Bands:** 2.4 – 2.4835 GHz
- **Power Level:** < 100 mW
- **Input Voltage:** 110-240 V~
- **Frequency:** 50/60 Hz
- **Wire Size Compatibility:**
  - 2 x 1.5 mm<sup>2</sup> for Live and Neutral
  - 1 x 2.5 mm<sup>2</sup> for Earth
- **Maximum Load:**
  - 125 W (LED)
  - 125 VA (Live)
  - 125 VA (Neutral)

### Product Usage Instructions

#### Default Mode (On/Off):

In default mode, the switch is compatible with LED bulbs rated between 5W and 125W at 240V~ or 110V~. A maximum of 10 bulbs can be connected, and it is recommended to use bulbs of the same type and manufacturer for optimal performance.

#### Dimmer Option Mode:

In dimmer mode, the switch only works with dimmable bulbs. Make sure the bulbs are identified as dimmable by the logo on their packaging. The bleeder ref 040149 must be used to avoid flash ghost effects when the load is OFF.

### Installation Instructions:

1. Switch off the power at the main circuit breaker before starting.
2. Uninstall the old switch and wire the connected switch as per the provided guidelines.
3. Install the bleeder as close to the load as possible and include a bulb before restoring power.
4. Ensure to use dimmable LEDs when activating dimmer mode.

### Existing Wiring Replacements:

For replacing existing switches with the connected switch, follow the wiring diagrams provided in the manual for different setups like two-way switches or mechanical push-button configurations.

### FAQ:

- **Q: What type of bulbs are compatible with the connected switch?**

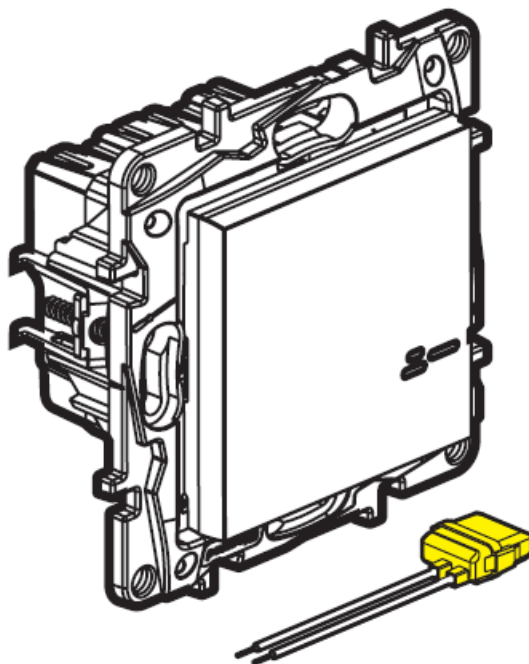
A: In default mode, LED bulbs rated between 5W and 125W are recommended. In dimmer mode, only dimmable bulbs should be used.

- **Q: How do I prevent flash ghost effects when the load is OFF?**

A: Use the provided bleeder ref 040149, which needs to be installed systematically to avoid flash ghost effects.

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


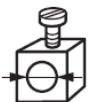






### Pack contents



- 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 bulbs:

 + 45°C + 5°C  50/60 Hz	 2 x 1,5 mm <sup>2</sup> 1 x 2,5 mm <sup>2</sup>		(*) <b>LED</b> 	
				
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 the product breaking





In the dimmer option operating mode (which can be activated via the App), this switch functions only with

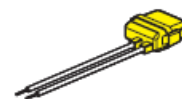


dimnable bulbs (identifiable by the logo on the packaging).

**The bleeder ref 040149 has to be used systematically to:**

-avoid flash ghost effects when the load is OFF.

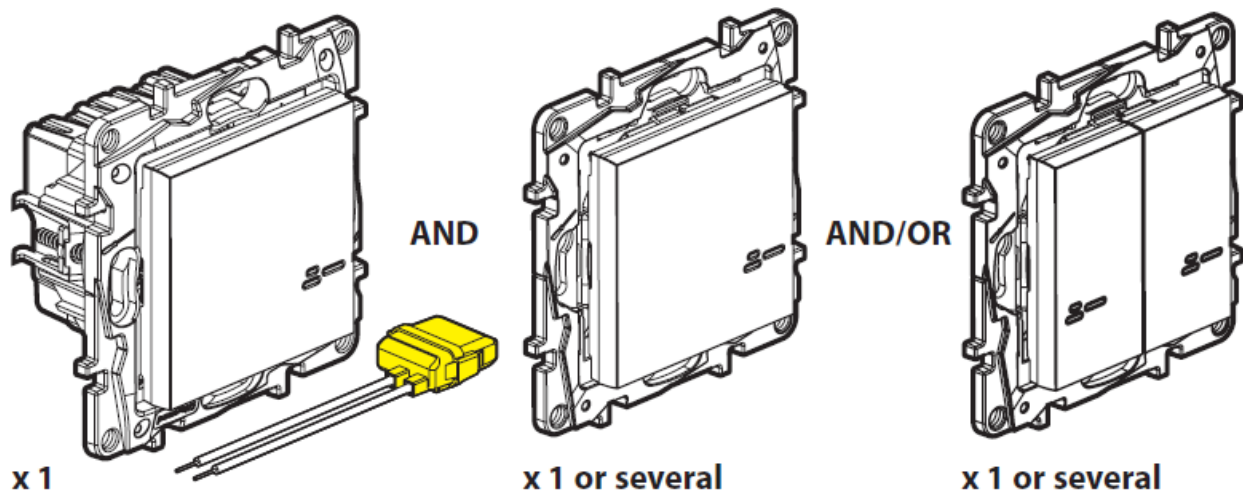
			
110-240 V~	50/60 Hz	11 mA max.	- 5° C → + 55° C



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 following products:



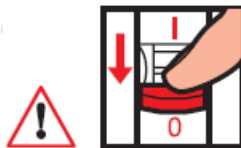
- Connected switch without neutral (with dimmer option) + bleeder
- Wireless light switches for all other controls (not included in this pack)

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

### Mandatory safety precautions

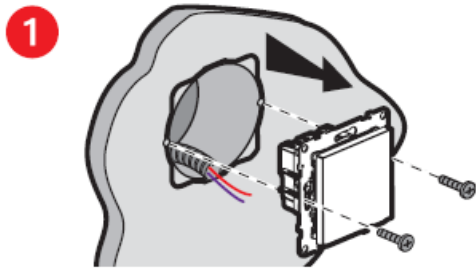
#### • OFF

OFF Switch off the power at the main circuit breaker

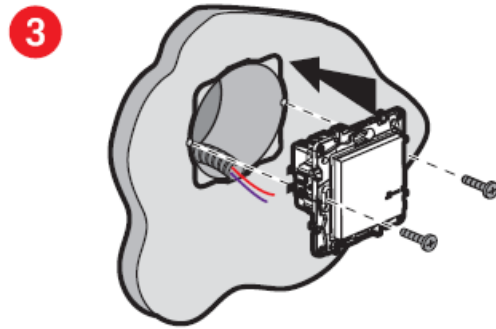


- Make sure that the power is off before continuing with the installation.

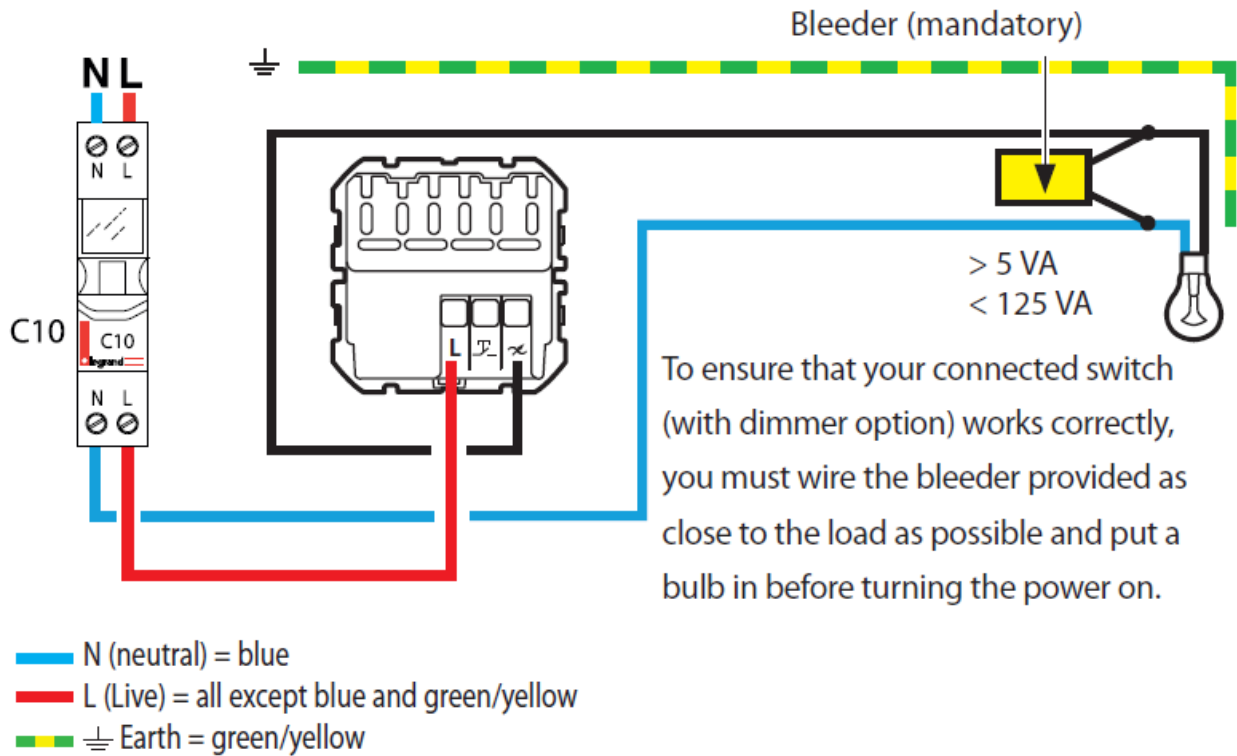
### Install the connected switch (with dimmer option)



Uninstall the old switch



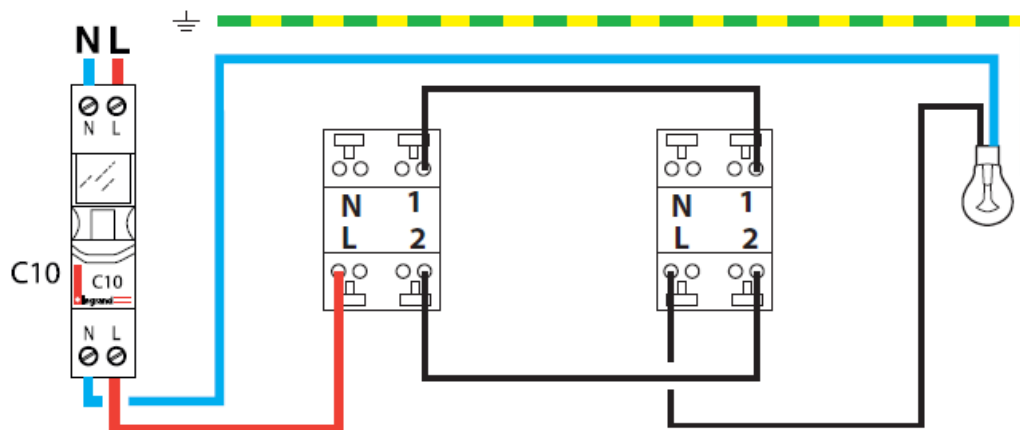
2 Wire the connected switch



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



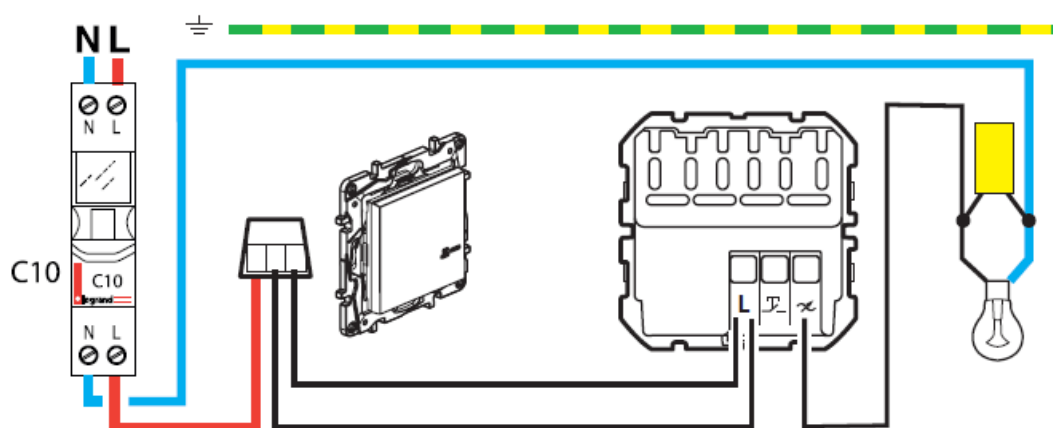
Existing wiring



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

Previous switch replaced by the wireless light switch

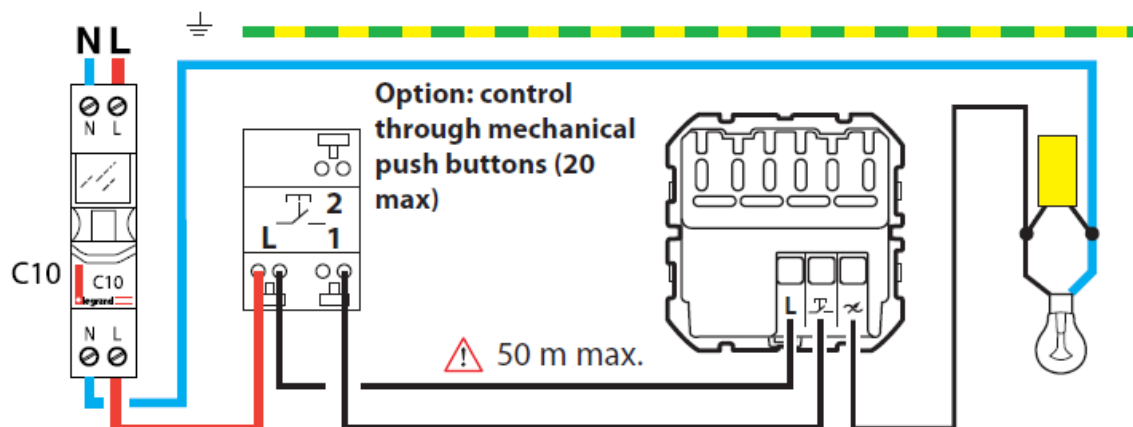
### Wireless switch + wired connected switch



Use a connector to connect all 3 wires (travelers 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. The previous switch was replaced by the mechanical push button

### Mechanical push button + connected wired switch



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](http://legrand.com).

## LEGRAND

- Pro and Consumer Service – BP 30076 87002 LIMOGES CEDEX FRANCE
- [www.legrand.com](http://www.legrand.com).

## Safety instructions

This product should be installed in compliance with installation rules, preferably by a qualified electrician. Incorrect installation and/or incorrect use can lead to the risk of electric shock or fire. Before carrying out the installation, read the instructions and take account of the product's specific mounting location. Do not open up, dismantle, alter, or modify the device except where specifically required to do so by the instructions. All Legrand products must be opened and repaired exclusively by personnel trained and approved by Legrand. Any unauthorized opening or repair completely cancels all liabilities and the rights to replacement and guarantees. Use only Legrand brand accessories.

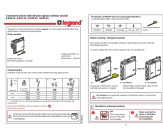
## DECLARATION OF CONFORMITY

### 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](http://www.legrand.com/ecatalogue).

## Documents / Resources

	<p><a href="#">legrand 8 636 53 Connected Switch With Dimmer Option</a> [pdf] Instructions        8 636 53, 8 637 53, 8 638 53, 8 639 53, 8 636 53 Connected Switch With Dimmer Option, 8 636 53, Connected Switch With Dimmer Option, Switch With Dimmer Option, Dimmer Option, Option</p>
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## References

-  [Welcome to Legrand - Legrand](#)
-  [Welcome to Legrand - Legrand](#)
-  [Legrand E-catalog International | Electrical Ranges of products & Connected Solutions](#)
- [User Manual](#)

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