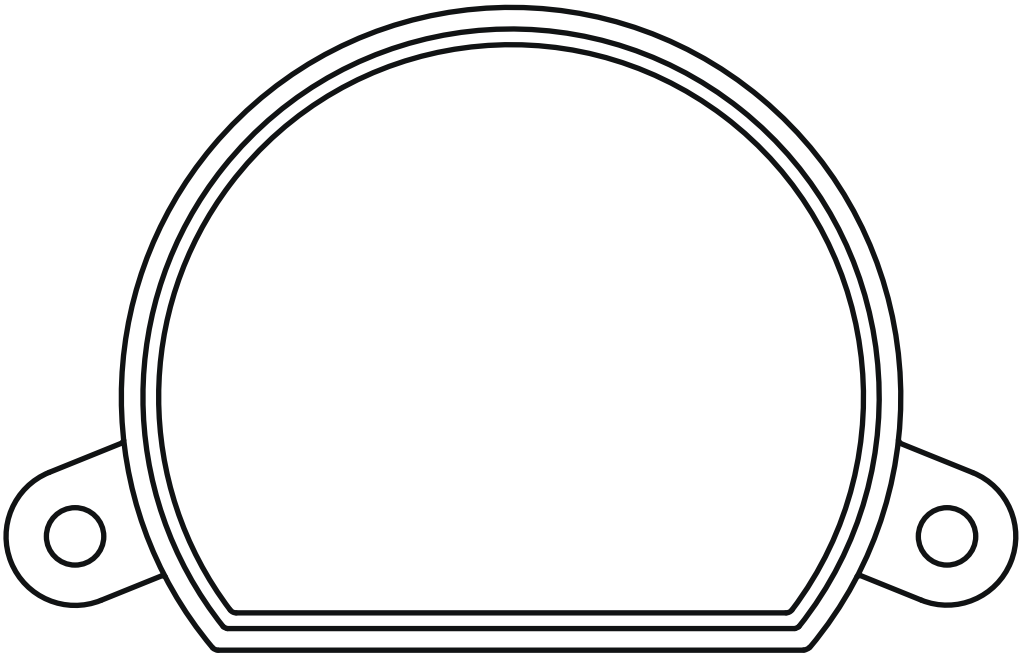
MCU-L1



Control unit for 230Vac loads.
Power supply 230Vac, Max 250W.
Integrated 433.92 MHz radio receiver.

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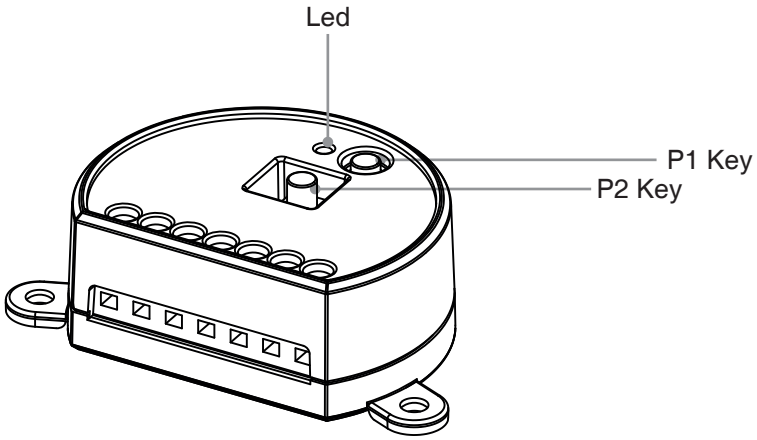
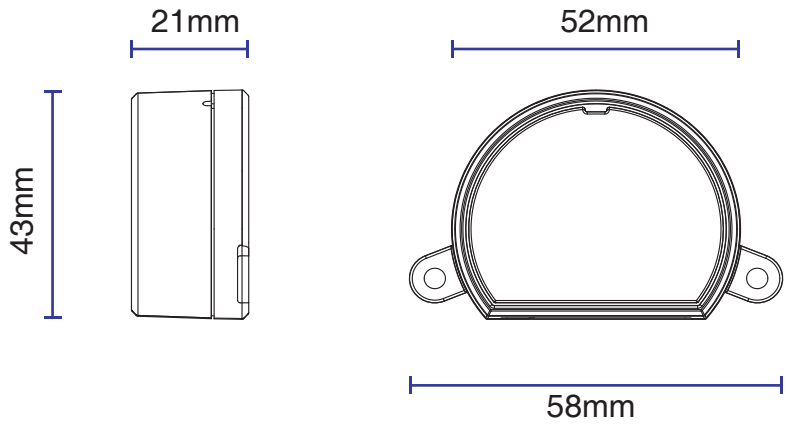
1 - PRODUCT FEATURES

1.1 TECHNICAL DATA

Power supply (Input)	230Vac
Load type (Output)	230Vac load
Max power load (Output)	250W
N° of programmable transmitters	30
RF receiver frequency	433.920MHz
Protection rating	IP20
Working temperature	-20° +55°
Box dimensions	52x43x21 mm



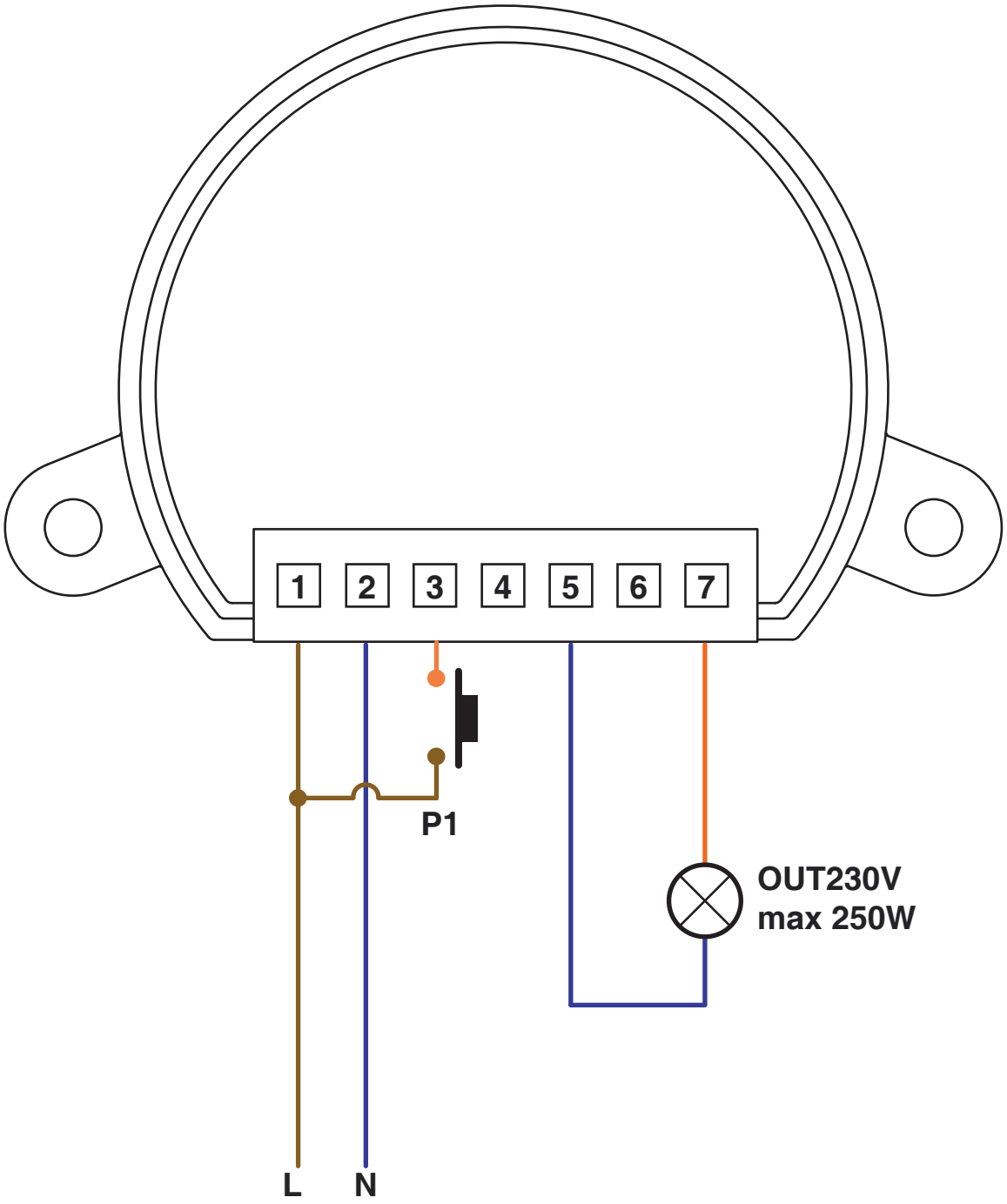


2 - CONNECTION DIAGRAMS

RECOMMENDATIONS

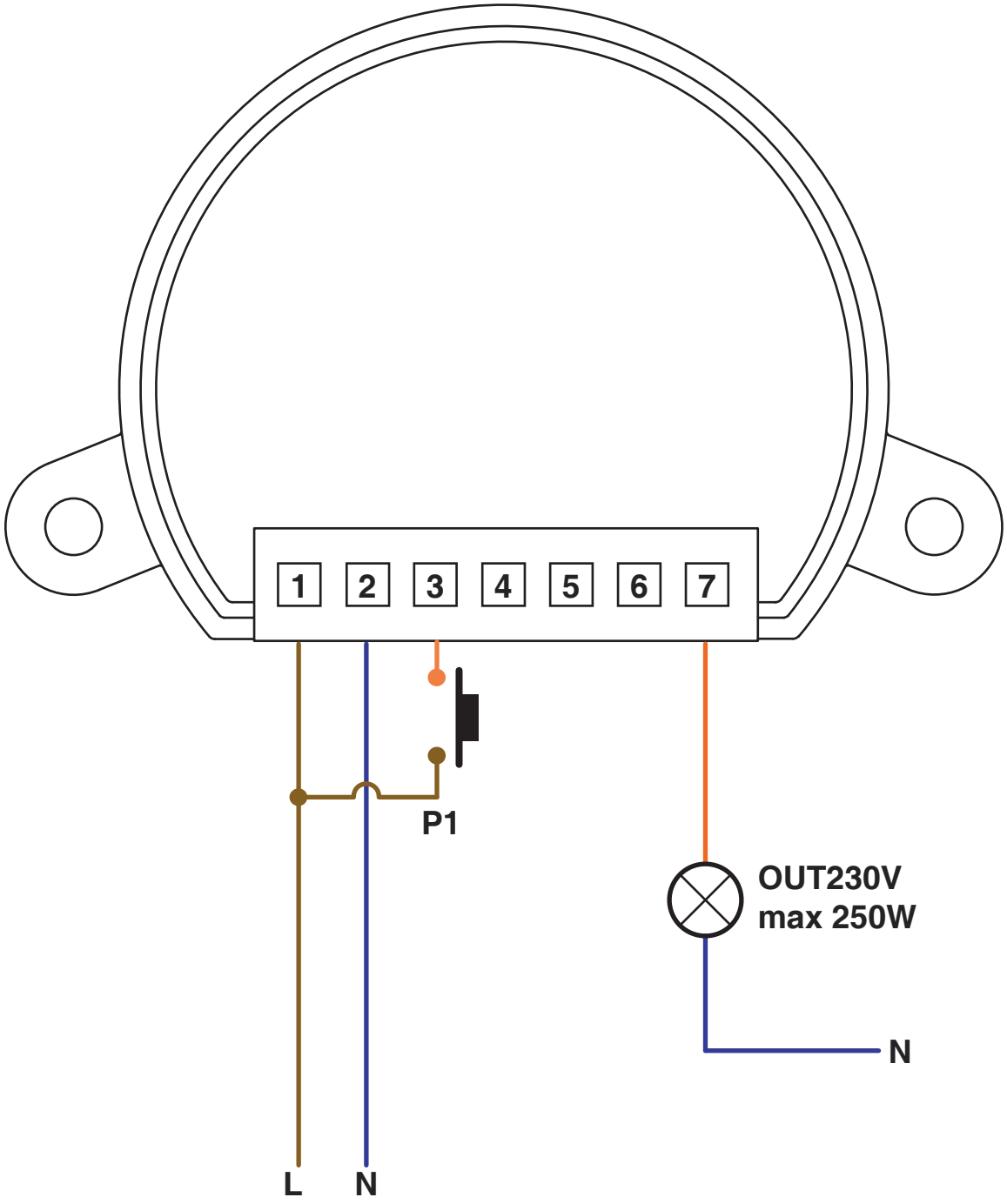
- Installation must be carried out only by professional technicians in accordance with the applicable electrical and safety regulations.
- All connections shall be operated without electrical voltage.
- Use proper cables.
- Don’t cut the antenna
- Provide in the power line twith an appropriate disconnection device
- Dispose of waste materials in full compliance with local law.
- Do not exceed the specified load limits and use correctly protected power supplies.

2.1 CONNECTION DIAGRAM WITH NEUTRAL FROM CONTROL UNIT



The wired input can be set as a switch, see paragraph 7.1

2.2 CONNECTION DIAGRAM WITH NEUTRAL FROM THE ELCTRICAL SYSTEM



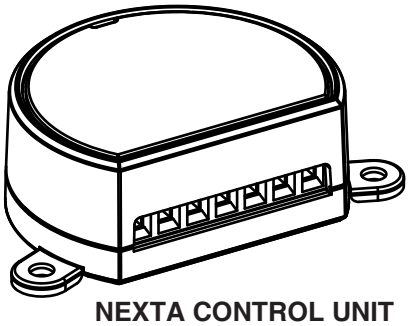
The wired input can be set as a switch, see paragraph 7.1

3 - USE OF THE CONTROL UNIT

3.1 TYPICAL INSTALLATION

The system can be controlled by a wired push button and radio commands.

RADIOTRANSMITTER CONFIGURATION
See paragraph 4



NEXTA CONTROL UNIT

3.2 USE VIA WIRE
Once connected, the button is already active with On/Off function.

3.3 USE VIA RADIO
To control the loads via radio you must have compatible transmitters and therefore must carry out the association procedure, see paragraph 4.

4 - MANAGEMENT WITH REMOTE CONTROL

This procedure lets you programme/delete compatible transmitters.

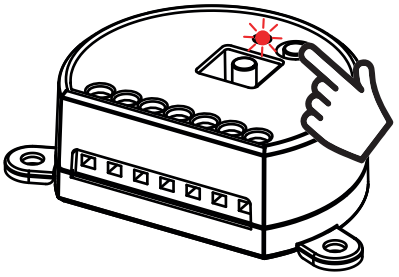
Multifunctional transmitters, codes:
With multifunctional transmitters the transmitter control modes depend on the model used.
Refer to the transmitter manual, to the paragraph entitled “commands sent by the transmitter”, bearing in mind that this is an On/Off device.

Generic (wireless bus) transmitters, codes:
With generic transmitters, the function of the button is On/Off
The function of the generic transmitters can be customized using the procedure in paragraph 5.2.

4.1 - RADIO PROGRAMMING

This procedure lets you programme compatible multifunctional or generic transmitters.

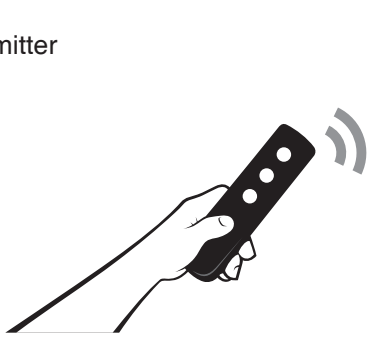
STEP 1
Press the button P1 on the receiver for a short time.
The LED comes on and stays on.

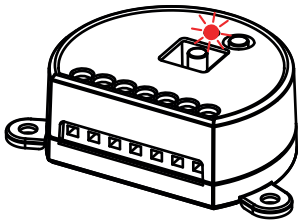


AZIONE: Short pressure P1 button **LED:** Turns on red

STEP 2
Within 60 seconds make a transmission with the transmitter to be saved.

The LED on the receiver Flashes 3 times and turns off.





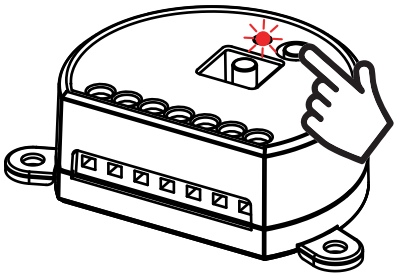
AZIONE: Short pressure **LED:** Flashes 3 times

4.2 - DELETION OF REMOTE CONTROL

These procedures let you delete from the memory transmitters that have already been programmed.

STEP 1

Hold the receiver button P1 down (about 8 seconds.) until the LED begins to Flash.



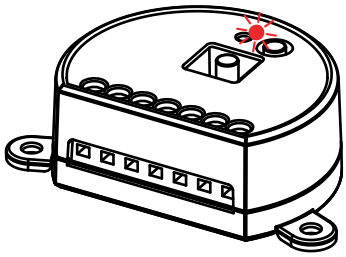
ACTION: Hold button P1 down **LED:** Flashes red

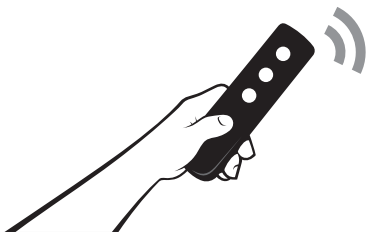
DELETION OF SINGLE TRANSMITTER

DELETION OF ALL TRANSMITTER SAVED

STEP 2a

Within 10 seconds make a transmission with the transmitter that you want to delete.
The LED flashes quickly and turns off.

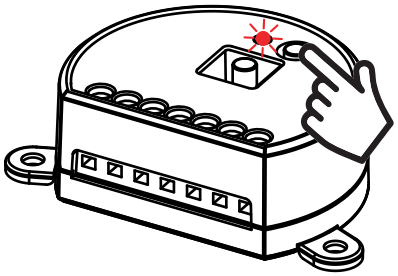




ACTION: Make a transmission with the transmitter
LED: Flashing quickly and turns off

STEP 2B

Within 10 seconds press the button P1 on the receiver for a short time to confirm the deletion of all transmitters.
The LED starts Flashing quickly and turns off.

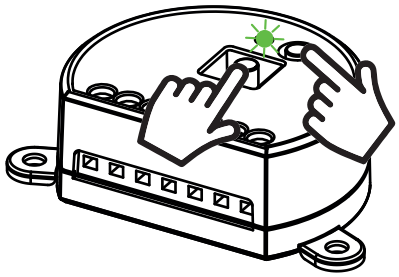


ACTION: Short press of button P1
LED: Flashing quickly and turns off

5 - ADVANCED PROGRAMS

5.1 - SETTING TYPE OF INPUTS VIA WIRE “P1”

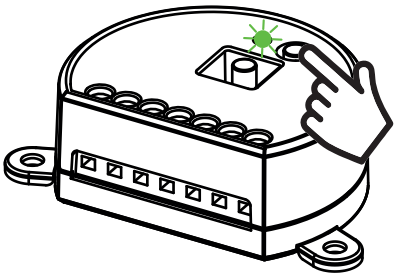
STEP 1
Press and hold buttons P1 and P2 simultaneously (approximately 2 seconds) until the LED becomes green.



ACTION: Long press of buttons P1 and P2 **LED:** Turns on green

STEP 2
Press the button P1 on the receiver for a short time and count the number of Flashes emitted by the LED:

NUMBER OF FLASHES	FUNCTION
3	Button (default)
6	Switches



ACTION: Short pressure P1 button **LED:** Flash

STEP 3
To change the setting, repeat the procedure from point 1; the control unit will alternate between 3 and 6 Flashes

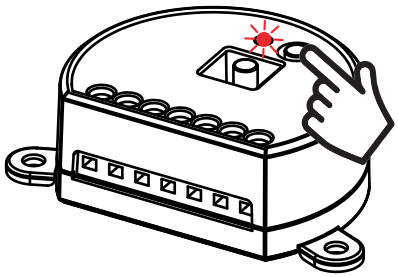
5.2 - FUNCTION CUSTOMIZATION OF THE “WIRELESS BUS” GENERIC TRANSMITTER BUTTONS

The following procedure allows you to set a custom function to the “wireless bus” family transmitter button.

PROCEDURE

STEP 1

Press the button P1.
The led turns on red.

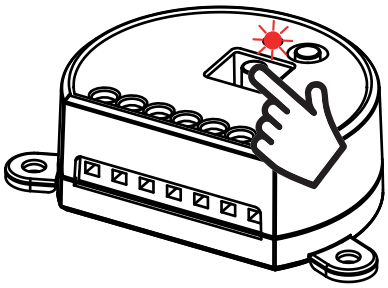


ACTION: Short press of button P1 **LED:** Turns on red

STEP 2

Press the button P2 on the receiver for a short time and count the number of Flashes emitted by the LED:

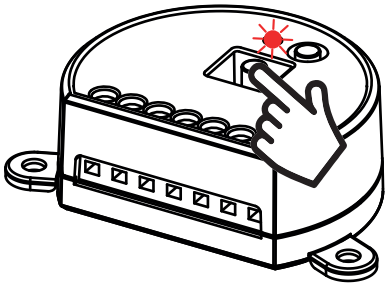
NUMBER OF FLASHES	FUNCTION
1	On
2	Off



ACTION: Short press of button P2 **LED:** Count the number of Flashes

STEP 3

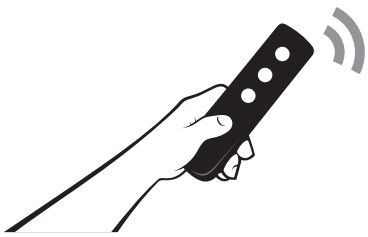
Press the button P2 for a short time during the Flash that corresponds to the function desired to end the count.
The led stop Flashes

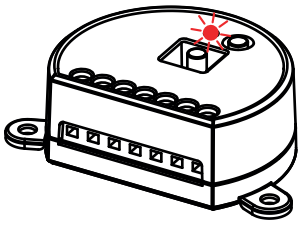


ACTION: Short pressure of button P2 during the Flash **LED:** Stop Flashes

STEP 4

Make a transmission with the transmitter to be saved (see transmitter manual, paragraph entitled “transmitter programming”).
The LED on the receiver Flashes 3.times and turns off.





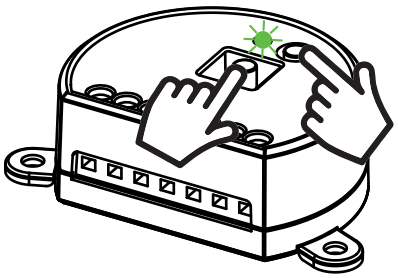
ACTION: Make a transmission with the transmitter **LED:** Flashes 3 times

5.3 - SETTING TIMING
Default: 18 hours

This procedure is used to set the time for which the Leds stays on before an automatic switch off.
All commands reset the time count to zero, excluding the following commands that will immediately turn off the light: short press by wired push button, command OFF by radiotransmitter, comand by App or voice.

PROCEDURE

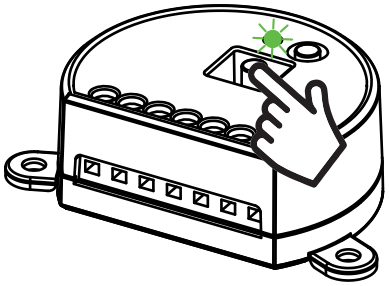
STEP 1
Press and hold buttons P1 and P2 simultaneously (approximately 2 seconds) until the LED becomes green.



ACTION: Long press of buttons P1 and P2 **LED:** Turns on green

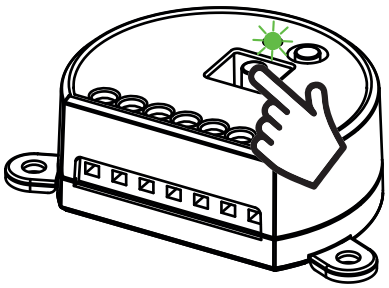
STEP 2
Press the button P2 on the receiver for a short time and count the number of Flashes emitted by the LED:

NUMBER OF FLASHES	FUNCTION
1	No timing
2	1 minute
3	5 minutes
4	15 minutes
5	30 minutes
6	1 hour
7	2 hours
8	3 hours
9	8 hours
10	12 hours
11	18 hours



ACTION: Short pressure WI FI button **LED:** Flash

STEP 3
Press the button P2 for a short time during the Flash that corresponds to the function desired to end the count.
The led turns off

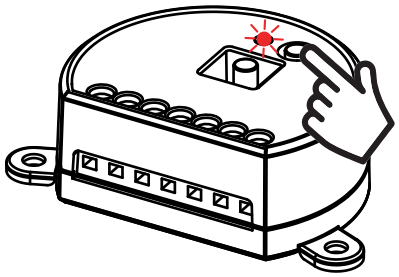


ACTION: Short pressure P2 button **LED:** Turns off

5.4 - RESET OF THE CONTROL UNIT

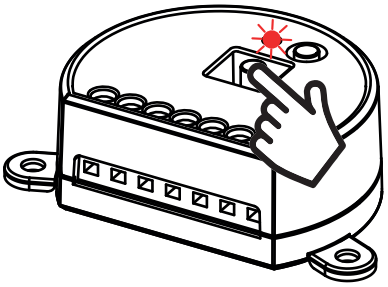
PROCEDURE

STEP 1
Hold the receiver button P1 down (about 4 seconds) until the LED begins to Flash.

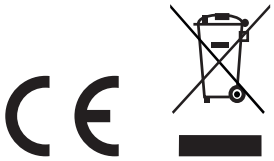


ACTION: Hold button P1 down **LED:** Flashes red

STEP 2
Within 10 seconds, make a short press of P2 button.
The LED 1 Flashes quickly and turns off.



AZIONE: Short press of P1 button **LED:** the led Flash quicly and turns off



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