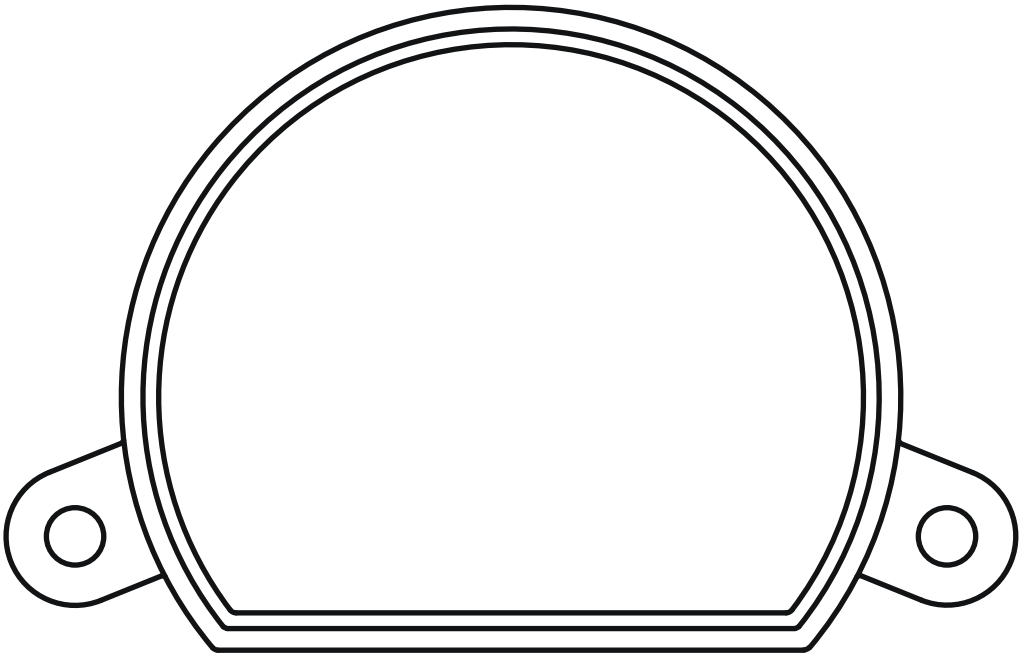
MCU-S8/W



Control unit for management with radio transmitters of scenarios created on the OneSmart WiFi application.
Power supply 230Vac, RF433,92MHz.
Integrated 433.92 MHz radio receiver.
WiFi connection for OneSmart App.

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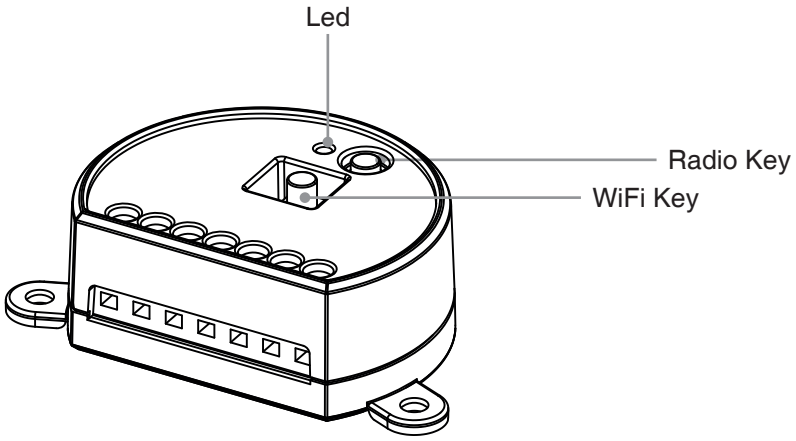
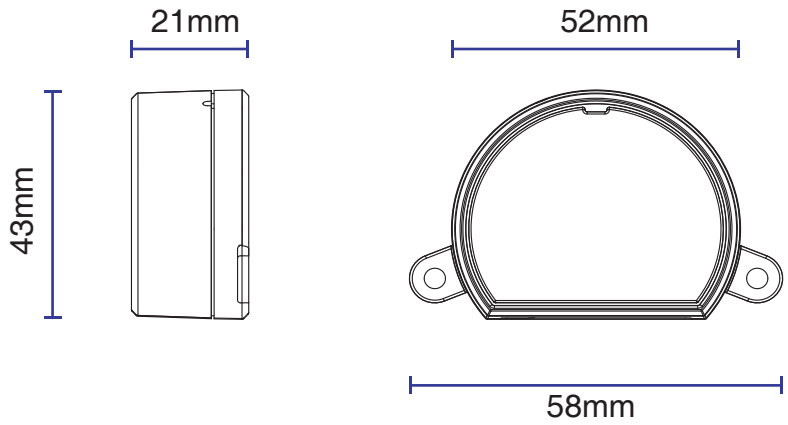
1 - PRODUCT FEATURES

1.1 TECHNICAL DATA

Power supply (Input)	230Vac
Functionality	Remote control management of scenarios with WiFi app
N° of programmable transmitters	30 in total
RF receiver frequency	433.920MHz
WiFi frequency	2.4GHz
Protection rating	IP20
Working temperature	-20° +55°
Box dimensions	58x43x21 mm



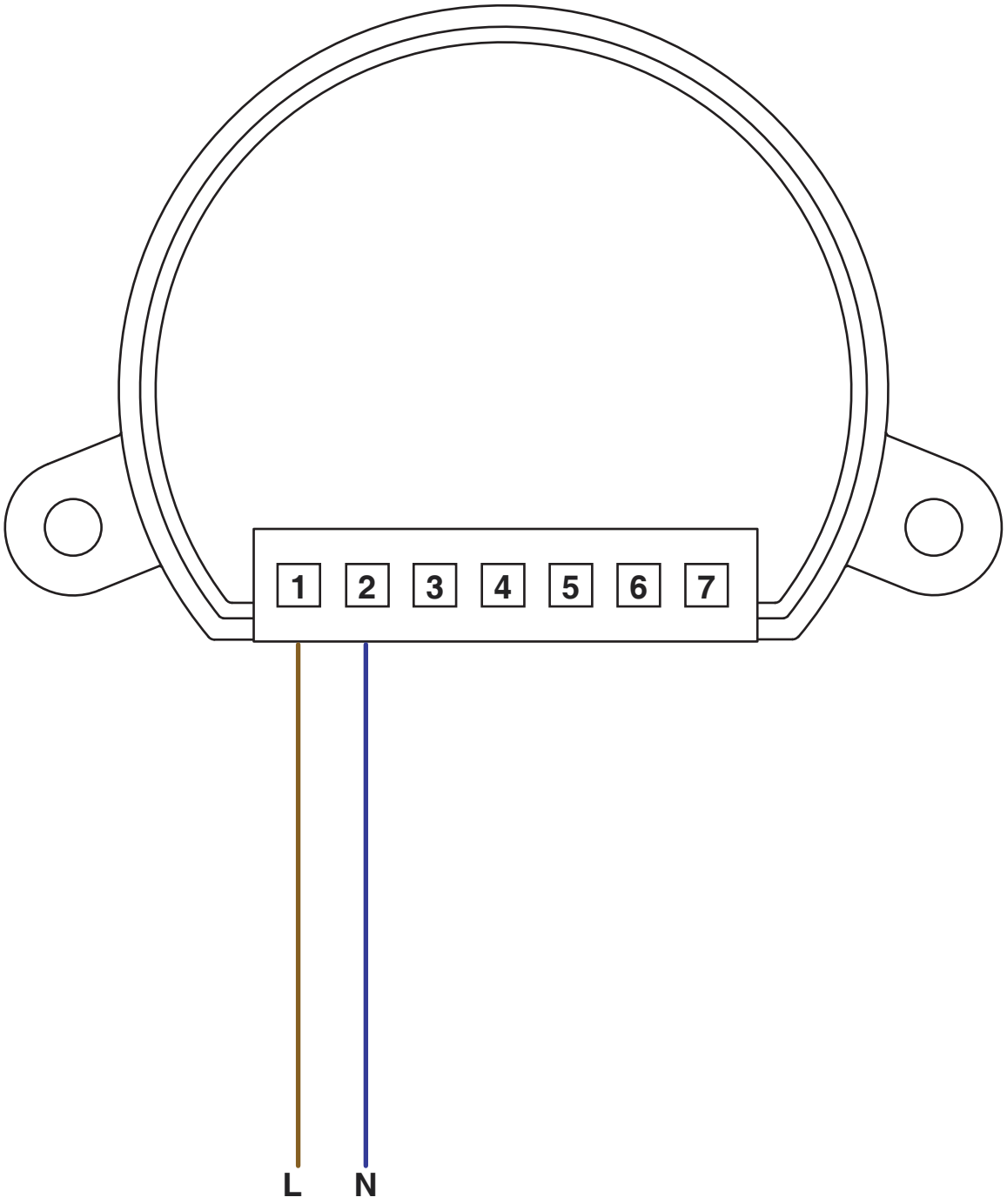


2 - CONNECTION DIAGRAMS

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 twit 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.

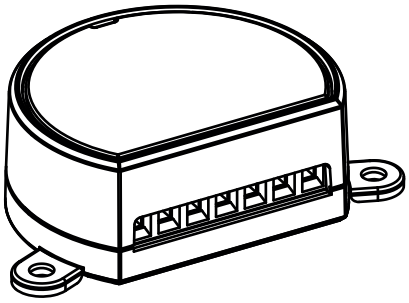
2.1 CONNECTION



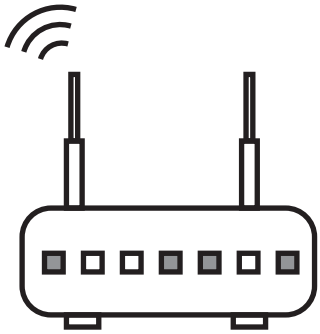
3 - USE OF THE CONTROL UNIT

3.1 TYPICAL INSTALLATION

TRANSMITTERS ASSOCIATED WITH THE CONTROL UNIT TO RECALL THE SCENARIOS
See paragraph 4



NEXTA CONTROL UNIT



ROUTER WITH INTERNET CONNECTION

APP CONTROL CONFIGURATION
See paragraph 5

3.2 USE

To make the system work, you need to:
- Power up and associate at least one remote control to the control unit
- Configure application control
- Have other devices on the application to direct the commands to
- Create automation related to the device in the application

Later it will be possible to recall the automation created with the remote control

4 - MANAGEMENT WITH REMOTE CONTROL

This procedure lets you programme/delete compatible transmitters.

Example of generic (wireless bus) transmitters, codes:
HB80-6G,
MCU-TX4,
TOUCH-1G, TOUCH-2G, TOUCH-4G, TOUCH-LOCK4, TOUCH-TX2,
ROUND-1G

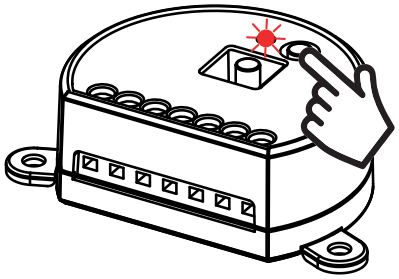
4.1 - RADIO PROGRAMMING ASSOCIATED WITH S1 / S2 / S3 / S4 SCENARIO

With this procedure it is possible to program transmitters compatible with the scenarios created in the application.

STEP 1

Make short presses of the RADIO button on the receiver. The led changes colour with each press.
Stop on the colour corresponding to the scenario to which you want to associate the key according to the following table:

LED COLOUR	ASSOCIATED SCENARIO
Red	S1
Green	S2
Blue	S3
White	S4

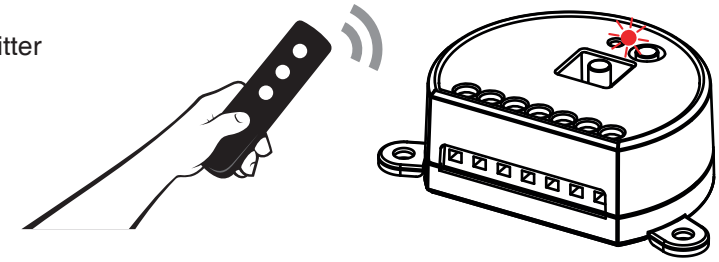


ACTION:
Short pressure RADIO button

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: Sending a command with the transmitter **LED:** Flashes 3 times

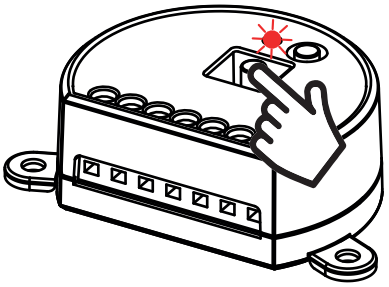
4.2 - RADIO PROGRAMMING ASSOCIATED WITH S5 / S6 / S7 / S8 SCENARIO

With this procedure it is possible to program transmitters compatible with the scenarios created in the application.

STEP 1

Make short presses of the RADIO button on the receiver. The led changes colour with each press.
Stop on the colour corresponding to the scenario to which you want to associate the key according to the following table:

LED COLOUR	ASSOCIATED SCENARIO
Red	S5
Green	S6
Blue	S7
White	S8

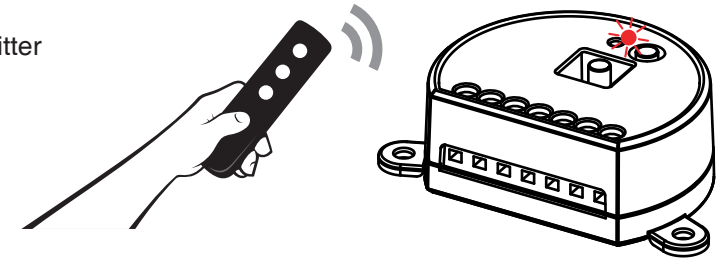


ACTION:
Short pressure RADIO button

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.



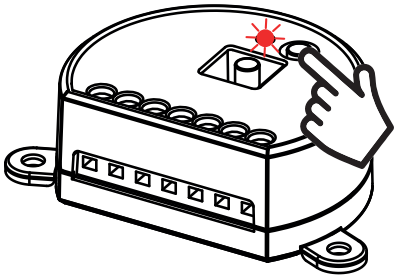
AZIONE: Sending a command with the transmitter **LED:** Flashes 3 times

4.3 - DELETION OF REMOTE CONTROL

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

STEP 1

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

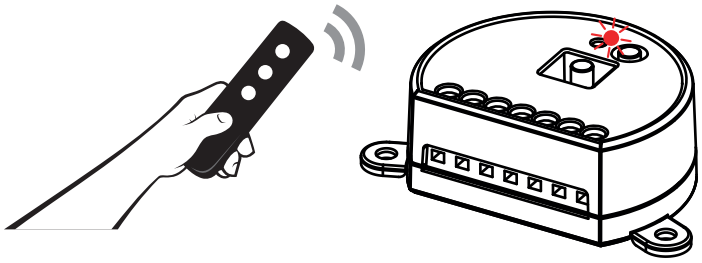


ACTION: Hold button RADIO down **LED:** Flashes red

DELETION OF SINGLE TRANSMITTER

STEP 2a

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

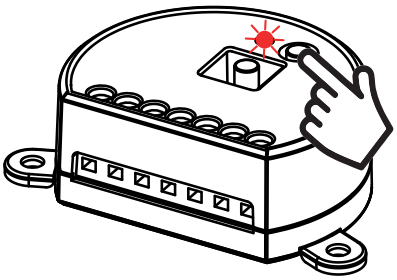


ACTION: Make a transmission with the transmitter
LED: Flashing quickly and turns off

DELETION OF ALL TRANSMITTER SAVED

STEP 2B

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



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

5 - CONTROL WITH APP ONE SMART

These procedures allow you to manage the system from your device (example: mobile phone) through the application and to control the system remotely.

5.1 - APP CONNECTION

This procedure connects the control unit Plano-One to the application. It shall be repeated for each control unit on the installation.

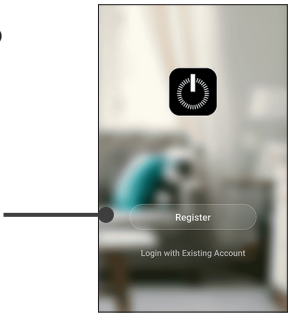
ATTENTION: an internet-based WiFi network is required for the operation.

PROCEDURE

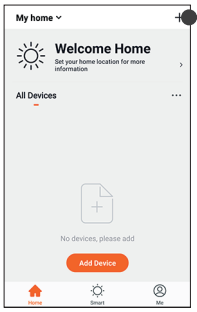
1. Download the App OneSmart on the phone

OneSmart

2. After starting the application, you will need to create an account. Complete the procedure.

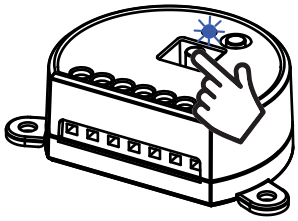


3. Press the "Add Devices" icon



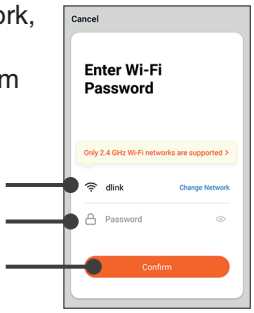
4. Select the category "Smart Devices"

5. Press the button WIFI on the control unit until the blue led is turned on, then release the button. After a few seconds the led and the load will start to Flash



6. Press "Connect" on the App

7. On the application, select the wi-fi network, insert the network password and confirm



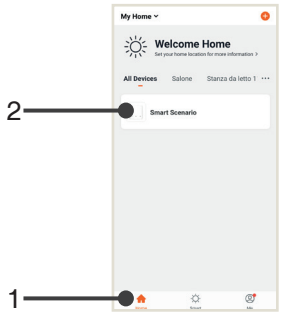
8. The device will be now automatically configured. The blue led on the control unit indicates the progress of the setting:
Series of one Flash = the power station is ready for setup,
Series of two Flashes = power station is trying to connect to the WiFi network,
Series of 4 Flashes = the power station connected correctly.
The LED will die after two minutes.

5.2 - USE OF “ONESMART” FOR THE CREATION OF AUTOMATIONS

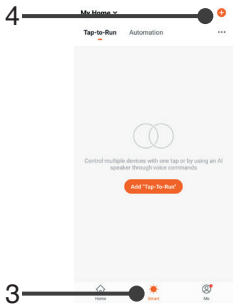
After associating the control unit with OneSmart, it is possible to create the automations that will be combined with the wired inputs of the control unit.

PROCEDURE

1. In the “Home” menu (1) all devices appear associated with the house. In addition to the device “Smart Scenario” (2) the devices on which address commands



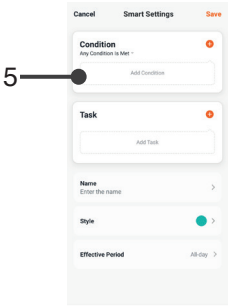
2. Go to the section “Smart” (3) and then on “+” (4)



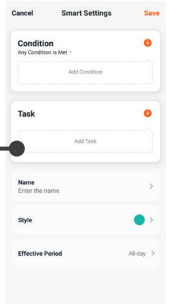
3. In the “Condition” field (5) select “Device”, then choose “Smart scenario” (or the name given to the device), then select:
S1: to set the scenario combined with wired input 1
S2: to set the scenario combined with wired input 2.

After this selection, check the “Push” item (the two proposed choices are equivalent).

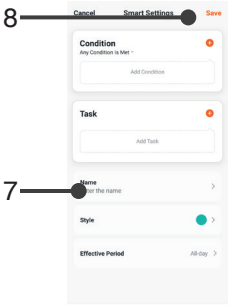
The app changes screen and you return to the automation setting menu.



4. In the “Task” field (6) select the actions that must take place when the scenario is recalled.



5. Give the automation a name (7) and save (8).



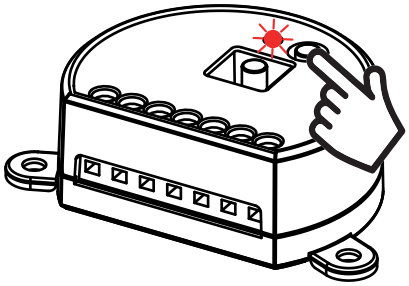
6 - ADVANCED PROGRAMS

6.1 - RESET OF THE CONTROL UNIT

This procedure let you take the control unit back to factory settings.
ATTENTION: the only parameter that will not be removed will be the association with the ONESMART application.
To edit or delete also this parameter, reed the procedure.

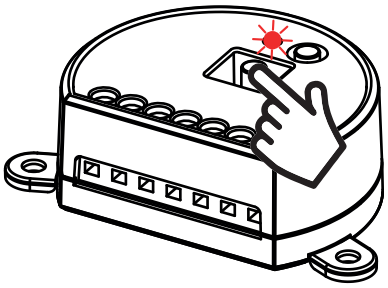
PROCEDURE

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

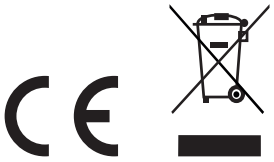


ACTION: Hold button RADIO down **LED:** Flashes red

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



ACTION: Short press of Wi Fi button **LED:** the led Flash quicly and turns off



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