9323 – Wi-Fi smart dimmer

1- Safety warning
Warning: Failure to follow the safety guidelines provided below could lead to fire, electric shock, other types of injury, or damage to the Smart Dimmer or other property. Read all safety information below before using the Smart Relay.

- Avoid high humidity or extreme temperatures;
- Avoid prolonged exposure to sunlight or intense UV light;
- Do not drop or do not subject the unit to strong vibrations;
- Do not disassemble or try to repair the unit;
- The Smart Dimmer works at high voltage (230V) do not keep within reach of children;
- Disconnect the house power when installing this product;
- Do not bring into contact with flammable liquids, gases and other explosive substances.
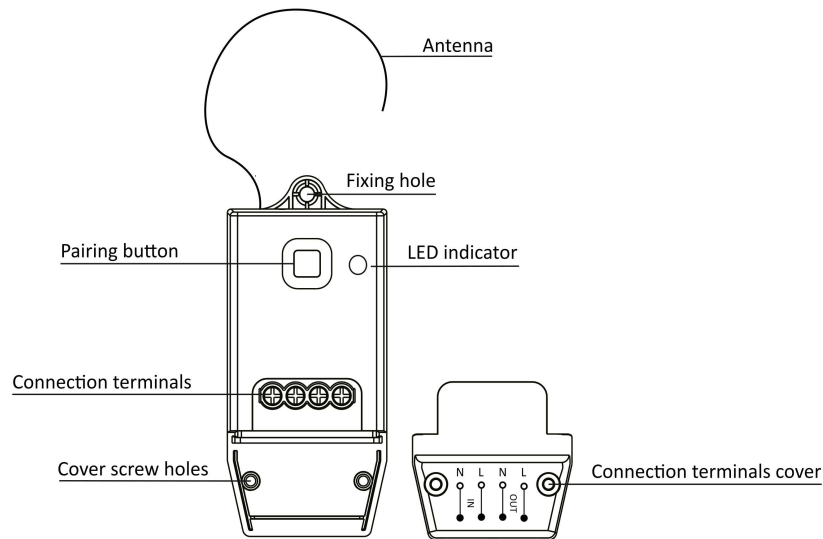
2 – Welcome
We present your smart Wi-Fi actuator.

This actuator is powered by the mains voltage and allows you to manage in four different ways lights up to 100W for LEDs and 200W for halogens:
- You can connect the dimmer to Amazon Alexa and Google Home voice assistants;
- It can be controlled from your smartphone via the Smart Life app;
- It can be combined with one or more wireless buttons from the FEB Easy family;
- You can turn the load on and off by pressing the button on the actuator itself.

In this guide you will find an overview of the product and instructions for installation and start-up.

3 - A detailed look at your device

Your Smart Wi-Fi Dimmer 9323

- **IN**: connection terminals for powering the module (110-220 Vac)
- **OUT**: connection terminals for the light (110-220 Vac)
- **Pairing button**: this button performs several functions. It is used to start the connection procedure to the Wi-Fi network in your home, to start pairing with the FEB Easy wireless buttons and to restore the device to factory settings. It is also possible to directly control the actuator by pressing this button to turn the light on and off.
- **LED indicator**: an indicator that provides feedback on the status of the device. In normal operation the LED indicates the status of the load: on when it is on and off when it is off. When the product is started, the LED flashes quickly, to indicate that the actuator is not yet connected to a Wi-Fi network.
- **Antenna:** it is the antenna used to receive radio signals from the FEB Easy wireless buttons.
- **Fixing hole:** you can use this hole to attach the 9323 to a wall

4 - Avvio
- To pair the 9323 actuator with a FEB Easy button, simply press the pairing button for about 3 seconds, until the LED indicator starts flashing, at this point press the button you want to pair. Just press the button once. You will see that the LED will stop flashing, indicating that the two have been paired. It is possible to connect more than one button to the same actuator, up to a maximum of 10. There are no limits, instead to the number of actuators that can be controlled by the same button, simply repeat the pairing procedure between the button and all the actuators that you want to be controlled by the same button.
- To connect the 9323 actuator to your home Wi-Fi network, download the Smart Life app from the Google Play Store, or from the Apple App Store. Touch the + sign in the upper right

corner and select "Add manually". Scroll down the page until you find the "Dimmer Switch" product and select it. At this point, start the connection, check that the network name and password are correct and that there is a 2.4GHz network. The app will ask you to check that the LED indicator is flashing rapidly and when you have confirmed it, the addition to the network will begin. The process takes about 2 minutes, after which you will see your new module successfully added to the app. At this point you can change the name and start controlling it from your smartphone. In the app options you can create scenarios, pair it with other devices, start time schedules and pair the actuator with Amazon Alexa, Google Home, with the IFTTT platform and various other IoT service providers.

- If the LED is not flashing quickly, you can press the pairing button for about 10 seconds: the LED will flash slowly, then quickly and at the end it will remain on steady, at this point release the pairing button. The device will be ready to proceed with pairing with a Wi-Fi network as described in the previous point.

- To connect the actuator to the voice assistants, you need to activate the Smart Life skills on Google Home or Alexa, directly from their apps. At this point you can proceed with the discovery of the devices available for connection and start controlling your 9323 with voice commands or from the Google Home or Amazon Alexa apps.

- Dimming is active by default, but you can deactivate it by pressing the pairing button for 7 seconds, until the LED indicator changes from flashing slowly to quickly. At this point, release it and you will see that it will flash every 2 seconds: this means that the dimming function has been disabled and the load will be managed in on / off mode. Repeat the operation to re-enable dimming.

- To reset the connections between the actuator and all the buttons it is connected to, press the pairing button for about 12 seconds: the LED indicator will start flashing, will remain lit briefly and then go off, at this point release the button. When this sequence is completed, the actuator will be disconnected from all the buttons.

- If you change your Wi-Fi password or if you change your router, repeat the process described above for connecting to a Wi-Fi network, including resetting the Wi-Fi settings if the LED is not blinking rapidly.

5 – Operation paired with a FEB Easy button
- Using the 9323 in combination with a FEB Easy button, you can adjust the intensity of the dimmed light by long pressing the button. By holding the button, the brightness will increase from 0 to 100% and then decrease in reverse. Release the button when the light has the desired intensity.
- If you keep the button pressed for a long time, the dimmer will perform up to 2 complete 0-100% brightness cycles and then stop at the maximum intensity value.
- If you long press the button, release it for less than a second and then long press it again, the direction of the 0-100% brightness cycle will reverse.

6 - Technical characteristics
Power supply: 110~240 VAC 50/60Hz
Dimming mode: leading edge and trailing edge
Max power: 200W, 230V for halogen lights, 100W for LED lights
Wireless network: Wi-Fi IEEE 802.11 b/g/n 2.4G & RF 433MHz
Operating distance: Indoor <= 25m / Outdoor <= 60 m
Operating temperature: -5 - 50°C
Dimensions: 98 x 44 x 31 mm

7 – Troubleshooting
- The device does not connect to Wi-Fi:
  - Check the flashing of the LED, as indicated in the Startup section;
  - Verify that your router is set to use 2.4GHz Wi-Fi;
  - Check that your phone is connected to 2.4GHz Wi-Fi;
  - Keep phone, router and the module close to each other during connection.

- The device sometimes appears offline in the app:
  - It could be due to the router: routers models allow simultaneous connection only of so many Wi-Fi devices. Check that your router has not reached the maximum number of connected devices at the same time.

- The load connected to the module is an LED light and flashes when it is dimmed:
  - Check that the chosen LED light is compatible with leading edge or trailing edge dimming. If not, it will be necessary to replace the light with one suitable for one of the two types of dimming indicated.

- The module does not dim:
  - Dimming is active by default, but you can deactivate it by pressing the pairing button for 7 seconds, until the LED indicator changes from flashing slowly to quickly. At this point, release it and you will see that it will flash every 2 seconds: this means that the dimming function has been disabled and the load will be managed in on / off mode. Repeat the operation to re-enable dimming.