User Guide Retlux Smart Wi-Fi plug RETLUX Home

Content

2) Introduction

The Smart Wi-Fi RETLUX Home Socket belongs to a group of smart home products such as light bulbs, switches, cameras, Christmas lights, etc. Our smart socket allows you to:

Easily control and monitor your home appliances via the RETLUX Home app from anywhere in the world. Remotely turn on/off appliances, track their power consumption, define smart actions, set schedules and timers or automate routine tasks. Connect the socket to Wi-Fi to integrate it with other smart home devices.

1. Connection side to the controlled device

2. Button and status LED indicator
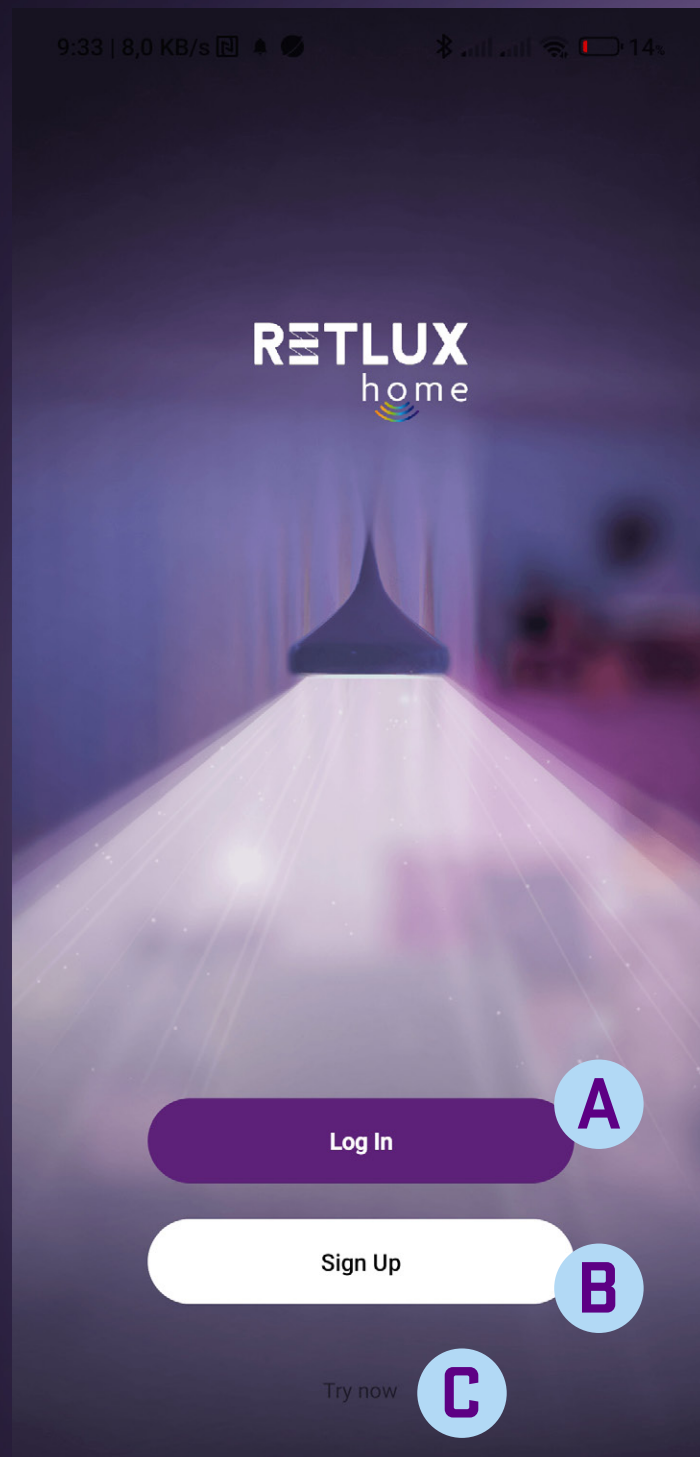
3. AC grid connection side

3) Download and Registration for the RETLUX Home App

1) Download and install the RETLUX Home
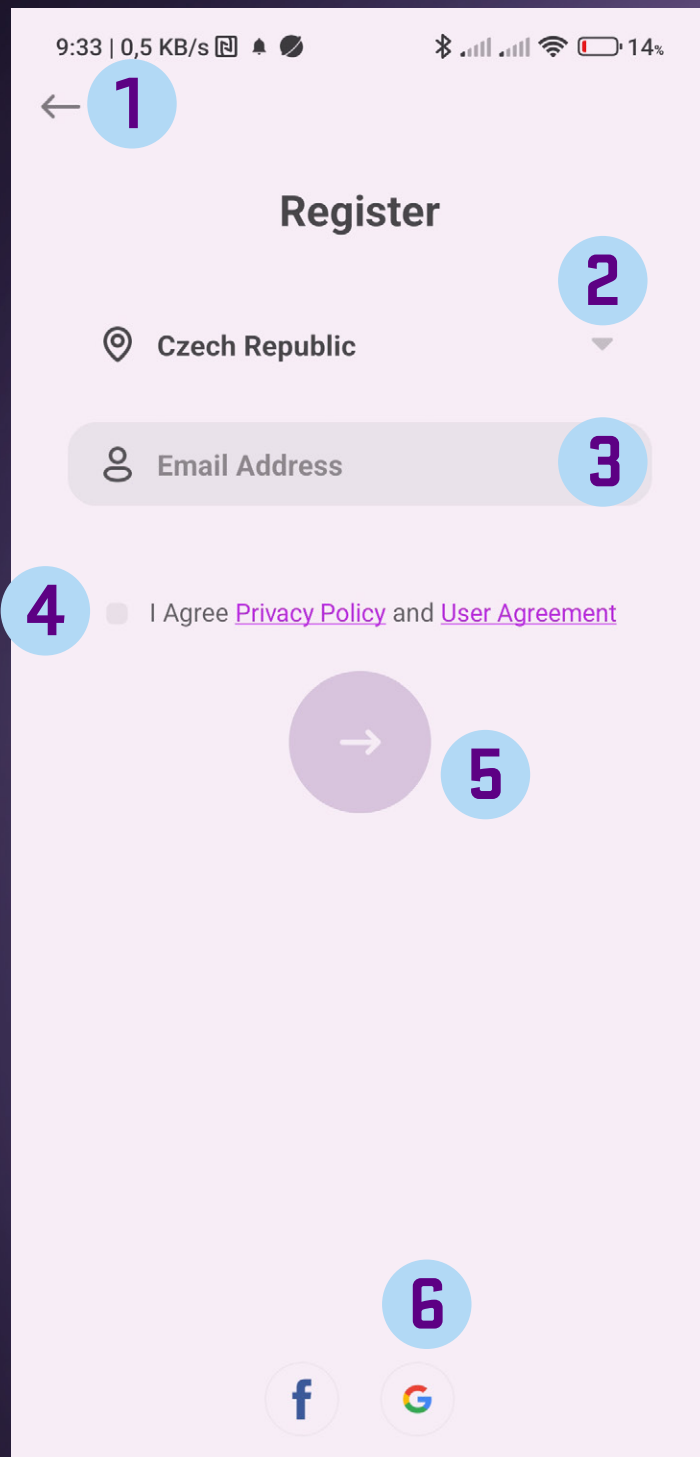app from the App Store, Google Play or by scanning the QR code.

2) Log in / Sign up for the RETLUX Home app.

A Log in with an existing account – your account was created in the past

B Create a New Account
Registration for the RETLUX Home App:
If you have not registered for the RETLUX Home app, you need to do so. To register, we will need your email address, to which we will send you a verification code.

C Launch the app in "DEMO" mode – an option to explore the app without an account

RETLUX
home

Log In **A**

Sign Up **B**

Try now **C**

RETLUX
home

Register

Czech Republic

Email Address

I Agree Privacy Policy and User Agreement
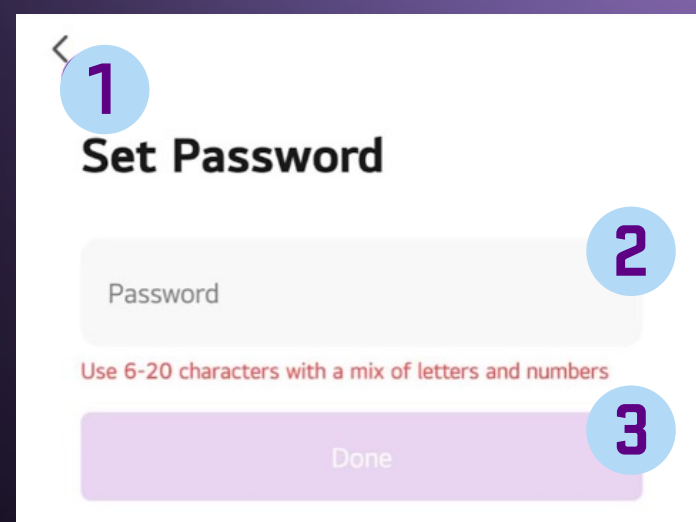
1 Back button – to return to the previous screen.

2 List of countries – select the country you are in.

3 Enter a valid email address to receive the verification code.

4 Checkbox – read and check the option with terms and conditions to continue.

5 Next button – to get the verification code.

6 Register with your Facebook, Google or Apple account.

9:33 | 0,5 KB/s 14%

After pressing the Next button, you will receive the code in your email, which you enter here:
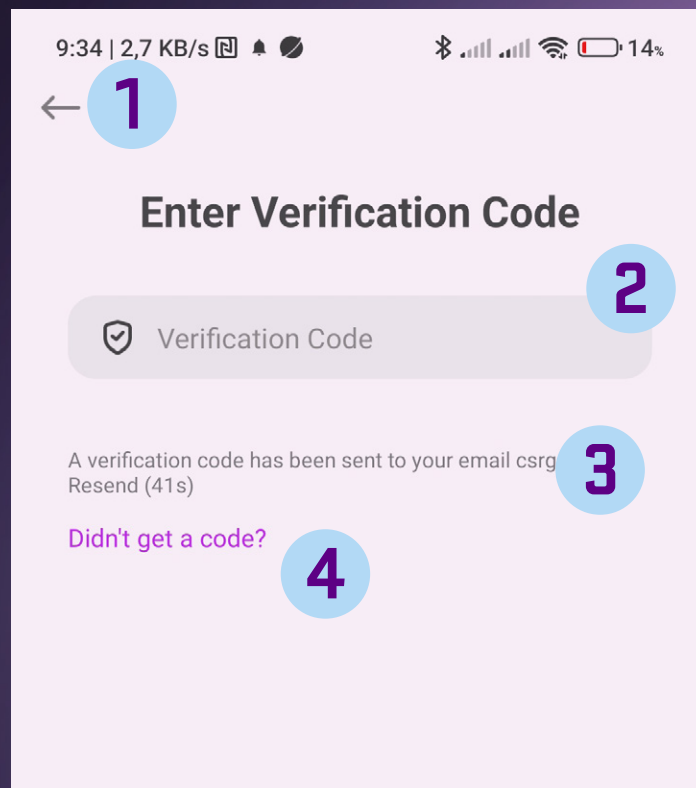
1 Back button – to return to the previous screen.

2 Field to enter the verification code – enter the code using the numeric keypad.

3 If you have not received the verification code, press the field and request re-sending the verification code.

4 Instructions if you are having trouble obtaining the verification code.

1 Back button – to return to the previous screen.

2 Text field to enter your password. Use 6–20 characters and numbers for a secure password. Remember the password for future access to the app.

**3** Button to confirm the password you entered.

4) Pairing the App with the Smart Socket:

1) Connect the RSH 201 device to the power socket, ensuring that the LED indicator on the device body blinks approximately 2 times per second. If the LED indicator does not blink at an interval of 2 times per second, the device must be reset. Press and hold the button on the device for at least 5 seconds. The pairing mode is indicated by the LED status light blinking at an interval of 2 times per second. (The RSH 201 device is ready to pair with the RETLUX Home app.)

Note: During pairing, ensure that the phone with the installed RETLUX Home app has granted access to the required functions for proper operation. Bluetooth, Wi-Fi, and location services must be enabled, and the phone should be connected to the local Wi-Fi network to which the RSH 201 device will connect. The app will prompt you for these permissions upon the first opening.

2) Open the "RETLUX HOME" app and click on **2** + in the top right corner and select "Add Device".
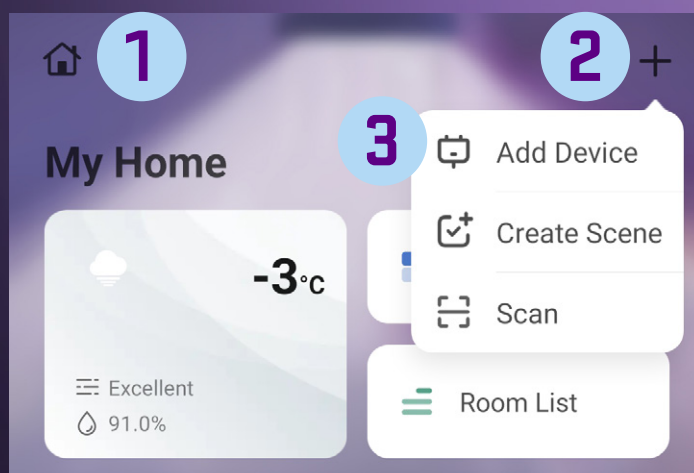
1 Editing household/family

2 + button (function selection)

3 Adding a new device to the RETLUX HOME app

3) The app will start searching for nearby devices, and within approximately 1 minute, it will display them. Click on the socket image with the name **RETLUX RSH...**

Add Device

Searching for nearby devices. Make sure your device has entered pairing mode.
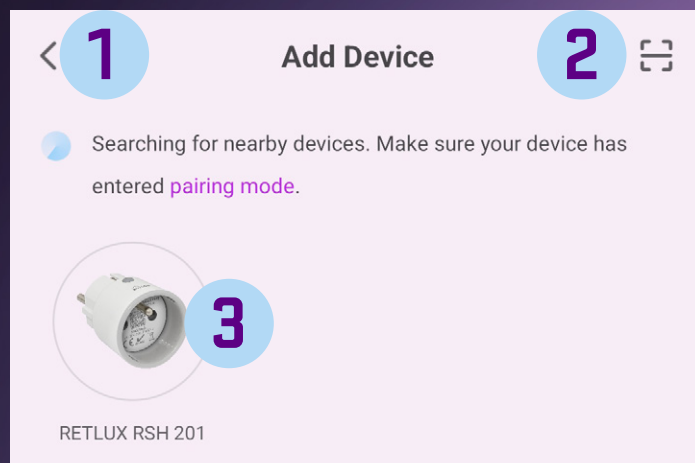
RETLUX RSH 201

1 Back button – to return to the previous screen.

2 Activate the camera and the option to scan the QR code for the specific product.

3 The found device RSH 201 and the ADD button – add the device to RETLUX Home app.

4) Enter your Wi-Fi password and click Next

Enter Wi-Fi Information
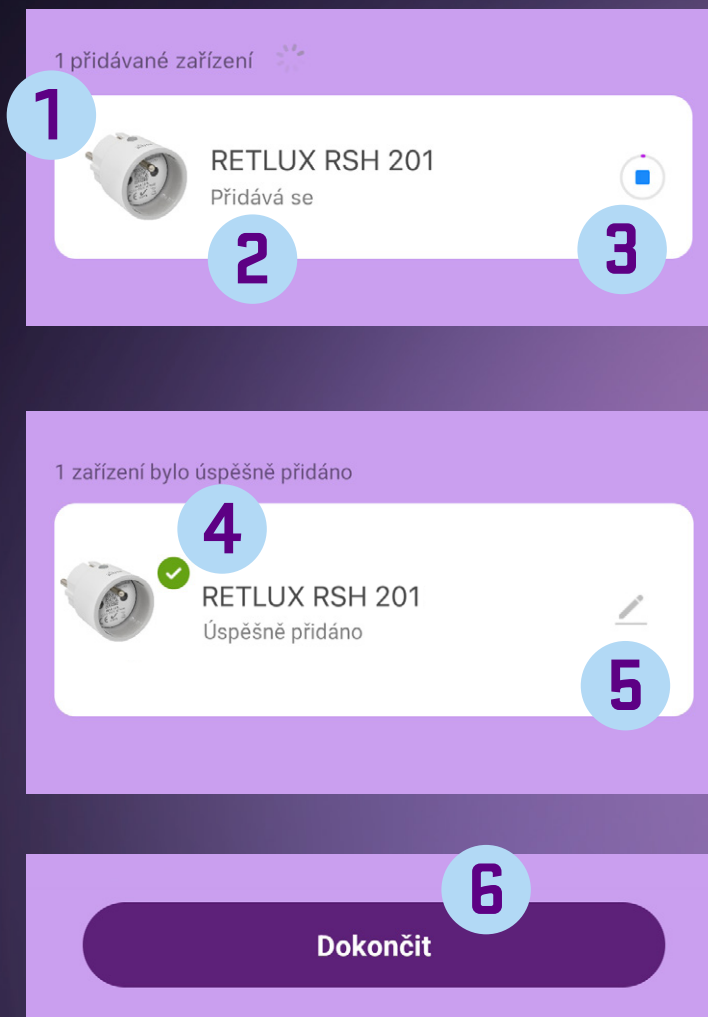Choose Wi-Fi and enter password

FAST-LAN
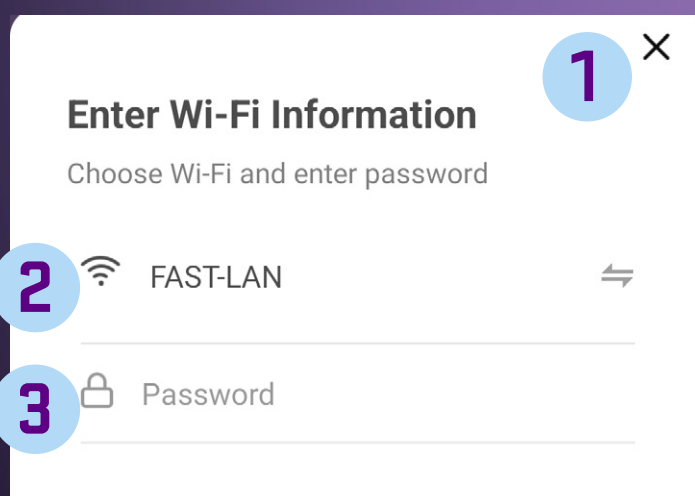
Password

1 Enter data about the Wi-Fi network

2 Select for your Wi-Fi network name.

3 Field for entering the password for your Wi-Fi network.

5) Wait for a moment until your phone displays the message, **"Device successfully added"**, then you can name your socket by clicking on the pencil symbol.

6) Click **"Finish"**.

1 přidávané zařízení

RETLUX RSH 201
Přidává se

1 zařízení bylo úspěšně přidáno

RETLUX RSH 201
Úspěšně přidáno

Dokončit

1 Number of devices being added (multiple devices can be added at once).

2 Device currently being added to the RETLUX Home app.

3 Progress indicator of adding to the RETLUX Home app.

4 Device has been successfully added.

5 Change the name of the RETLUX RSH 201 to a custom name, assign it to a room, or to the home screen.

6 Completing the action of adding a new device.

In addition to the default simple mode, the socket has 2 other connection modes; use these connection modes in case adding in the simple mode fails for any reason.

Adding the Socket in ED Mode:
In the app, click on ✚ and then on Add Device. On the Add Device page, select the model of your socket, for example RSH 201. Make sure you have the connect via ED mode option selected (top right corner). Then follow the precise instructions that are integrated directly into the mobile app.

Adding the Socket in Hotspot Mode:
In very few cases, if your network does not allow adding the socket in ED mode, you can connect the socket in Hotspot mode. In this mode, the mobile phone connects directly to the socket, and Wi-Fi network data is transferred directly to the socket. In the app, click on ✚ and then on Add Device. On the Add Device (Add Manually) page, select the model of your socket, for example RSH 201. Select the option to connect via Hotspot (top right corner). Then follow the instructions in the app.

5) Controlling the Socket in the RETLUX Home App:
5.1. Home Screen
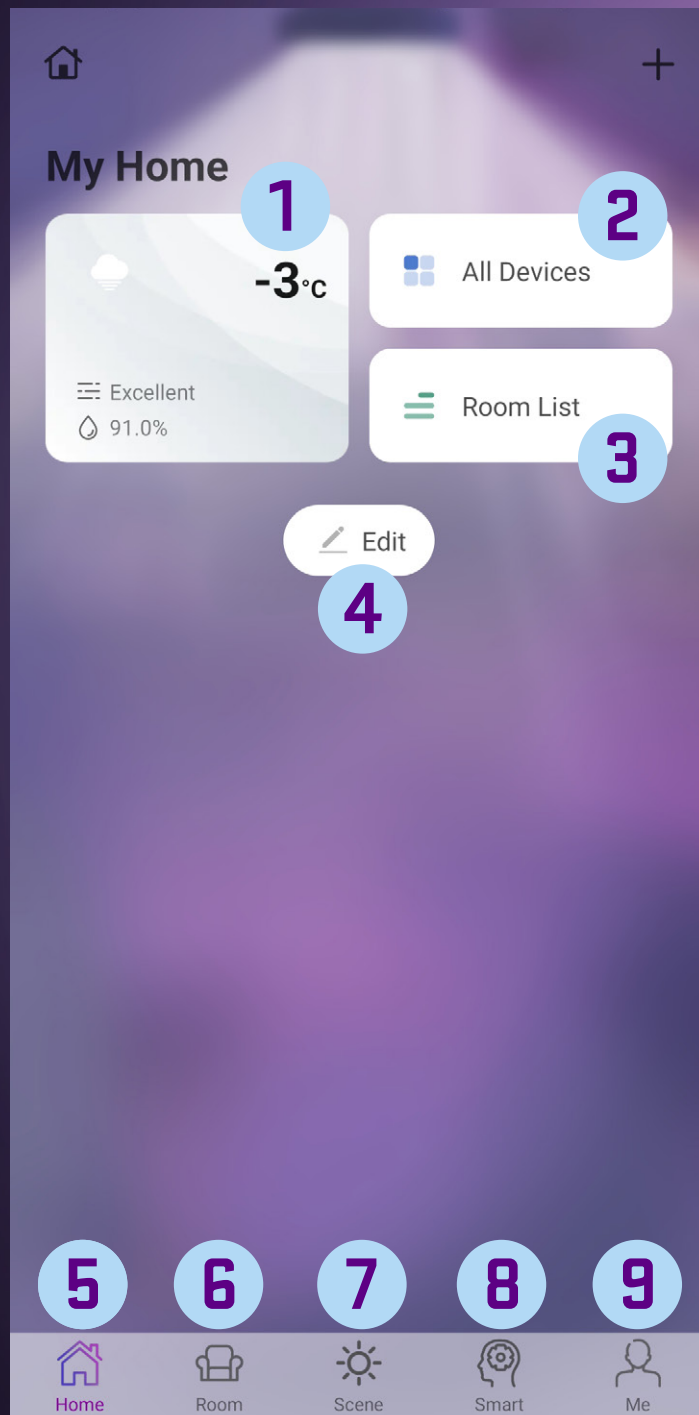
1 Weather information for your set location. Click to set.

2 List of all devices paired with the mobile application.

3 List of all rooms created by the user, more in the application guide.

4 Button to add new widgets or new smart devices.

5 Home screen button of the application.

6 Button for all rooms in the household, see the application guide.

7 Button for smart scenes, see the application guide.

8 Button for smart scenes, see the application guide.

**9** Section Me, Messages, Help and Tech Support.

5.2 Add Device to Home Screen:

Once the socket has been successfully paired, it will appear in the All Devices section.

To add the socket to the home screen of the application, go to the All Devices section and hold your finger on the socket image. Then select the option to add to the home screen.

Note: Adding the socket to the home screen of the application is also possible by clicking on the pencil symbol during the pairing process.
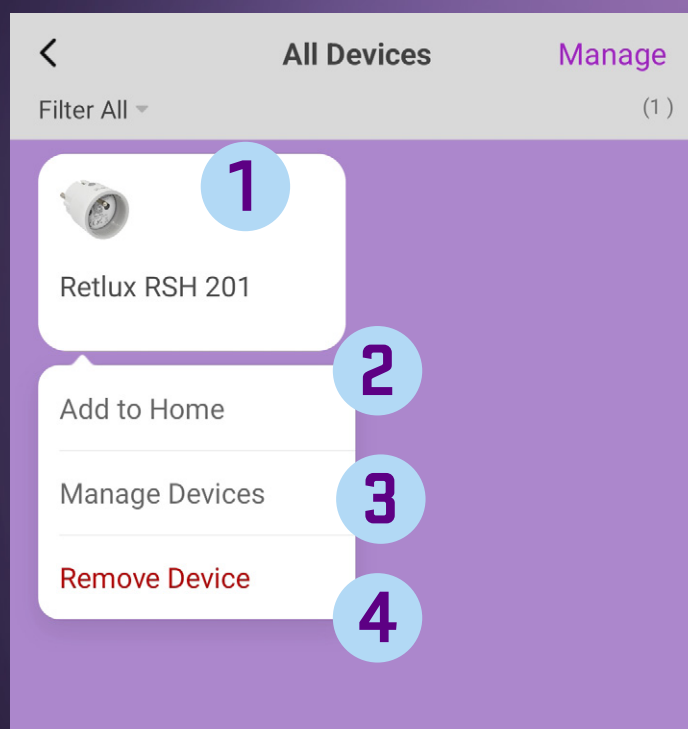
1 Product tab

2 Add to the home screen of the application

3 Bulk editing of multiple products at once

4 Remove product from the RETLUX Home app

After adding the socket to the home screen, you will see the status of your socket (OFF/ON):
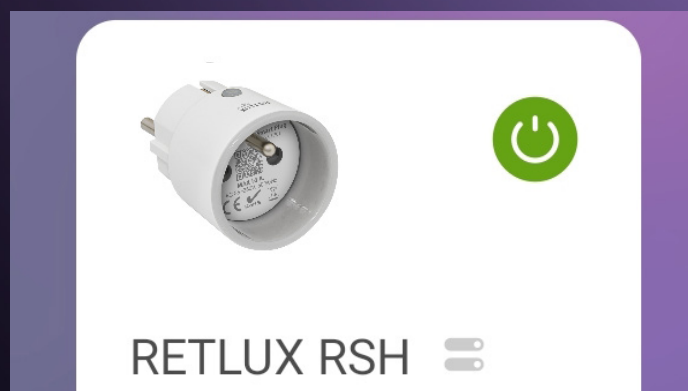
You can turn the socket on or off anytime and anywhere from the home screen by simply tapping the button ⏻.

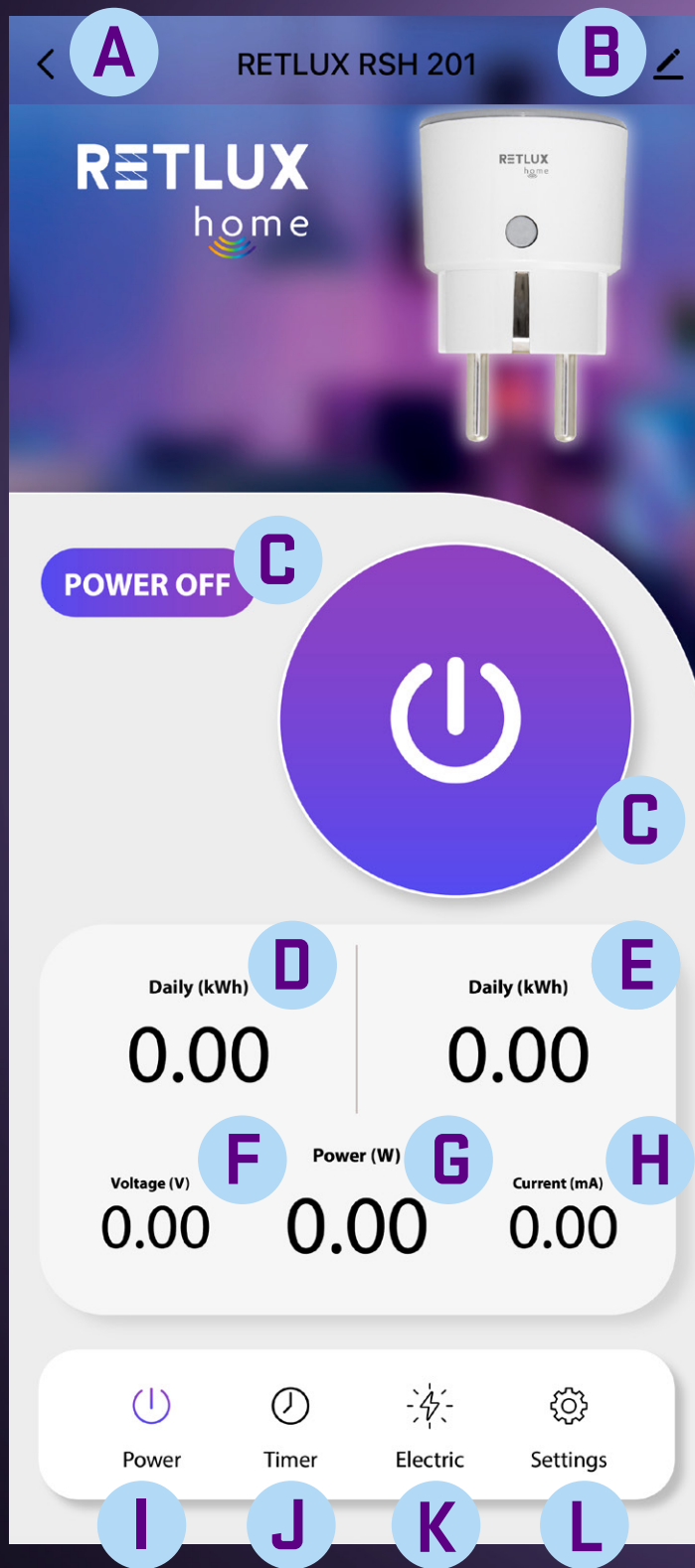## 6) Control of the RSH 201 Device Using the RETLUX Home App:

A Back to main menu button

B Device information / other settings / remove the "RSH 201" device from the app

C Button to turn the socket relay on/off (manual switching of the connected device)

D Displayed value of daily consumption [kWh]

E Displayed value of monthly consumption [kWh]

F Current mains voltage value [V]

G Current power consumption value [W]

H Current draw value [A]

I Power indication

J Timer, cyclical timer and minute settings

K Consumption history

L Settings

"B" Device information / other settings
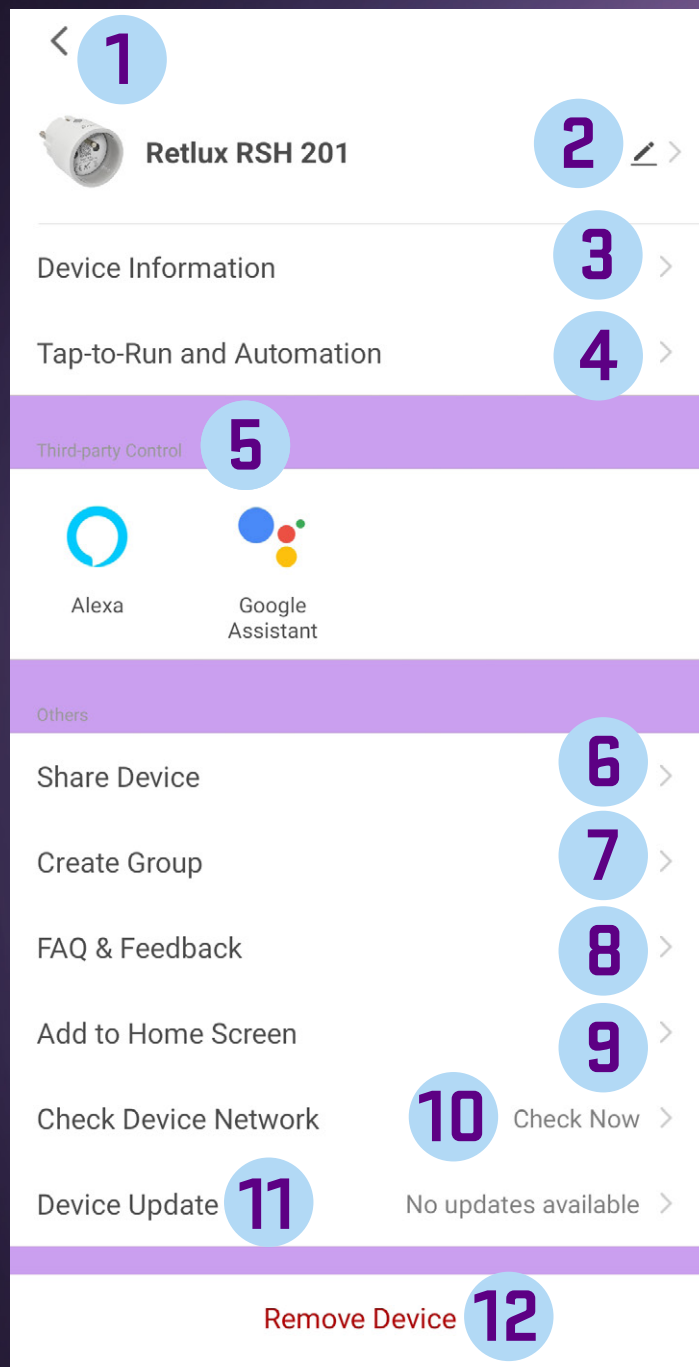
1 Back to main menu button

2 Change the name of the RETLUX RSH 201 device to a custom name

3 Device information: • Virtual ID – product ID • IP: network IP address of the device • Mac: unique address of the network device • Time Zone: time zone where the device is located • Signal Strength: Wi-Fi signal strength
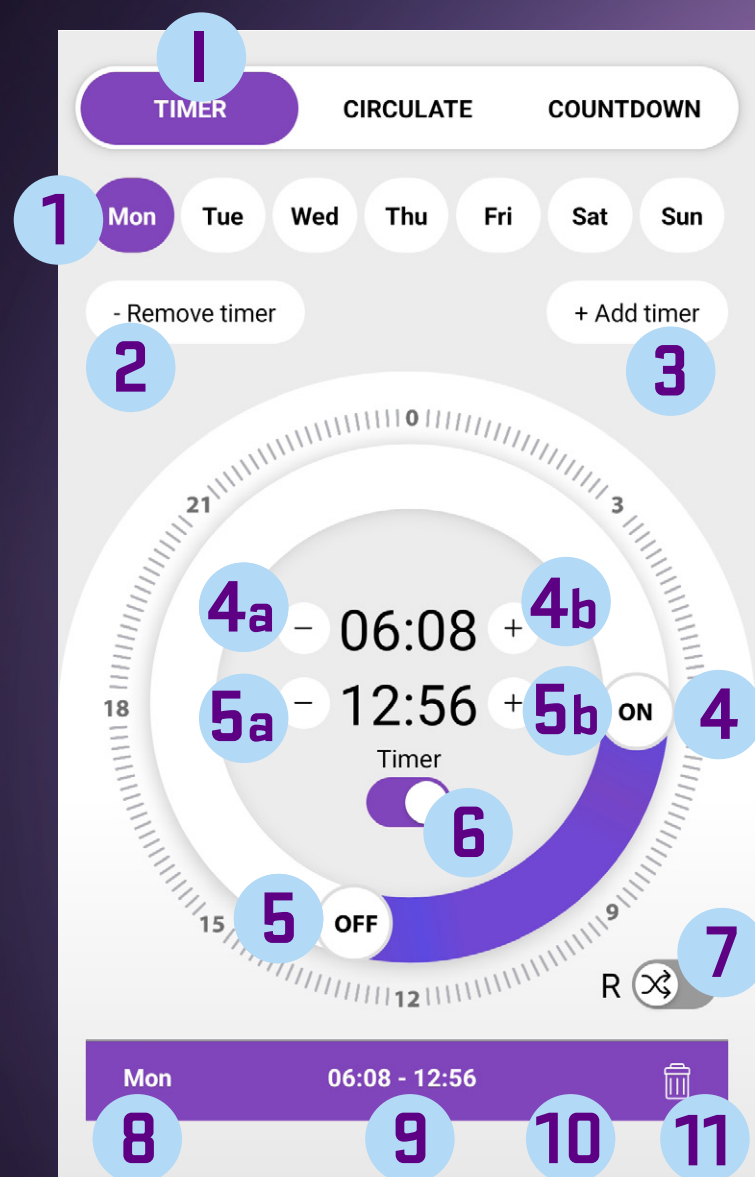
4 Tap-to RUN and Automation – monitor the displayed information in the app

5 Connection with third-party control systems

6 Device sharing – follow the text displayed text for the function

7 Creating device groups within the app

8 Frequently asked questions

9 Add a "widget" icon to the phone's home screen

10 Wi-Fi router connection test

11 Checking for RSH 201 firmware update availability

12 Remove product from the "RETLUX Home" app. If you want to add the RSH 201 device to another account in the "RETLUX Home" app, it is essential to first remove the RSH 201 device from the last active account.
• Remove – Remove Device
• Remove and Clear Data – removing the device and clearing all values from memory. The RSH 201 device will be reset to factory settings.

App screen labels

- **1** (back arrow)
- Retlux RSH 201 **2**
- Device Information **3**
- Tap-to-Run and Automation **4**
- Third-party Control **5**
- Alexa
- Google Assistant
- Others
- Share Device **6**
- Create Group **7**
- FAQ & Feedback **8**
- Add to Home Screen **9**
- Check Device Network **10** Check Now
- Device Update **11** No updates available
- Remove Device **12**

"J" Timer, cyclic timer and minute settings
I) Timer

| TIMER | CIRCULATE | COUNTDOWN |

I

1 Mon | Tue | Wed | Thu | Fri | Sat | Sun

2 – Remove timer   **3** + Add timer

4a – 06:08 + **4b**
5a – 12:56 + **5b** ON **4**
Timer
6
5 OFF
R **7**

8 Mon   **9** 06:08 - 12:56   **10**   **11**

1 Days of the week – select the days on which the timer should be active

2 Remove the set timer

3 Add timer for custom settings

4 ON – sliding button for the start of the active interval

4a Button to decrease the start time of the active interval

4b Button to increase the start time of the active interval

5 OFF – sliding button for the end of the active interval

5a Button to decrease the end time of the active interval

5b Button to increase the end time of the active interval

6 Switch to turn on/off the timer function

7 Random startup within the active interval (for example, between 02:00 and 10:04, the connected device to RSH 201 will randomly turn on)

8 Active timer information (once or displayed days of the week)

9 Information about the set time interval

10 Information about active random start

11 Remove the set interval

*Note: There may be a +/- 30 second variation in timing.*

The principle of setting:

To add a switching time, click on Add Timer, and the time range is inserted into the 0–24 h dial. This value is also displayed at the bottom of the logging section. You can then adjust the time quickly by moving the ON or OFF icon around the dial, or more precisely by minute intervals using the +/- buttons. You can easily switch between individual time intervals by clicking on it either in the log or on the dial. The active time will shine more brightly, the inactive time will be faded. You can remove the active time interval by clicking on Remove Timer or the trash can icon displayed in the log. You can easily deactivate the selected time interval using the slider in the middle of the timer. After deactivation, the time will remain displayed on the dial and in the log, but will not be highlighted.

"J" Timer, cyclic timer and minute settings
II) Cyclical Timer
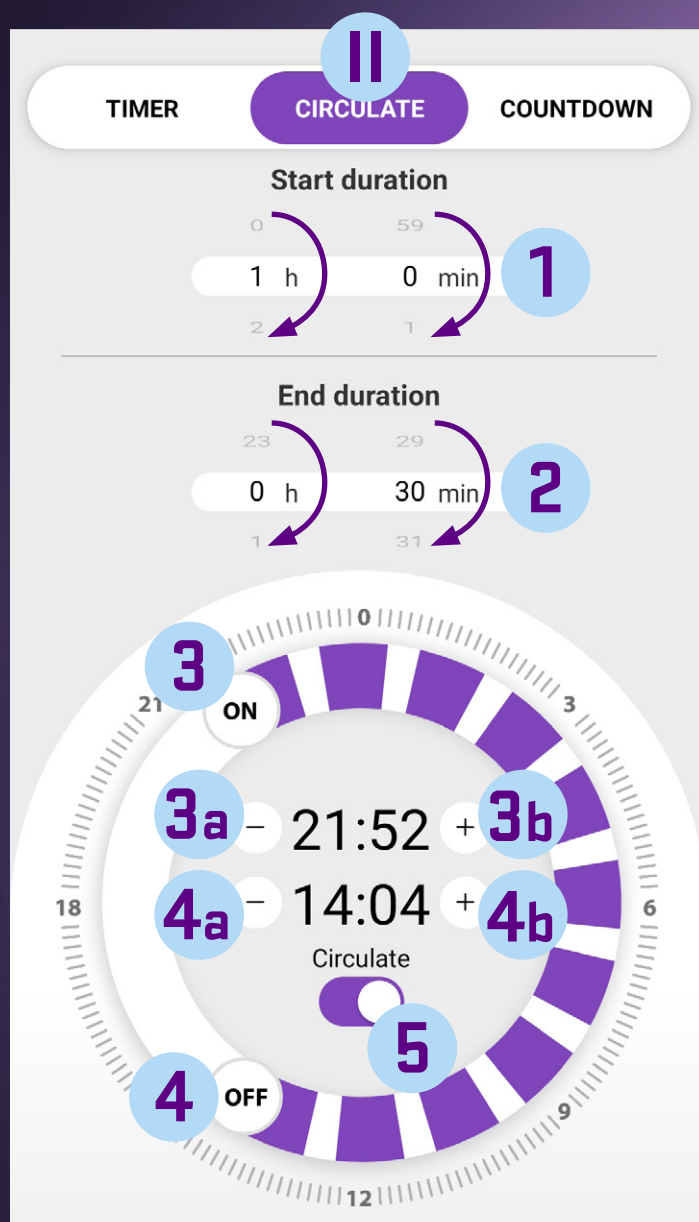
1 Runtime – set the time for the connected device to RSH 201 to be on – move down or up

2 Pause time – set the time when the RSH 201 device will not be on – move down or up

3 ON – sliding button for the start of the active interval

3a Button to decrease the start time of the active interval

3b Button to increase the start time of the active interval

4 OFF – sliding button for the end of the active interval

4a Button to decrease the end time of the active interval

4b Button to increase the end time of the active interval

5 Switch to turn on/off the cyclical timer function

*Note: There may be a +/- 30 second variation in timing.*

Cyclical Timer:

If the request for switching the product at regular intervals is more than 10 times a day, use the cyclical timer function. This function regularly turns on and off the connected appliance within a user-limited daily period. The ON cycle time and OFF cycle time are both adjustable. Use the ON/OFF icons on the dial to set the time during which the cyclical timer should be active. The shortest time is 10 minutes, and the longest is 24 hours. Set when the cyclical timer function should be active on the circular dial, and then set the time for which the socket should be in the ON cycle. Do the same for the OFF cycle. If you set the ON cycle time to 5 minutes and the OFF cycle time to 10 minutes, the socket will be on for 5 minutes and off for 10 minutes. This will happen continuously until it is terminated by the user-set operating time.

## "J" Timer, cyclic timer and minute settings
III) Minute
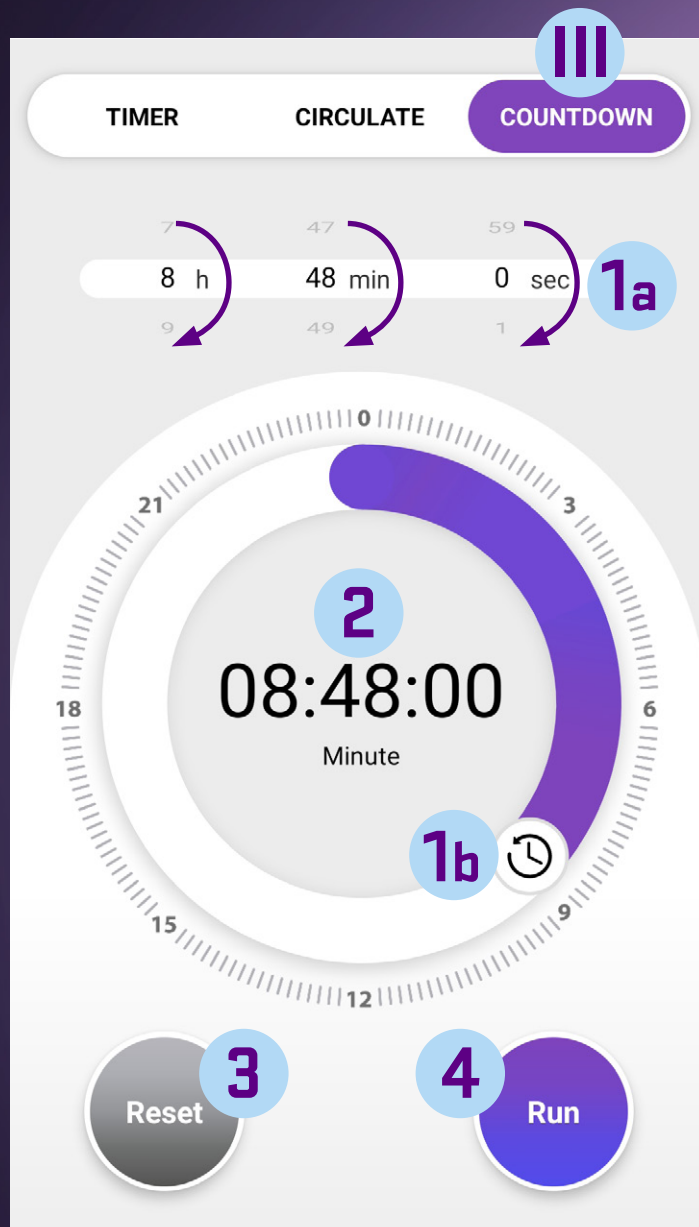
1a Minute time setting – set hours, minutes, seconds – move down or up (fine setting)

1b Minute time setting – move the clock icon counterclockwise to set the value of the time interval for counting down

2 Value display with set time

3 Reset button

4 RUN /STOP button to set Minute

Note: There may be a +/- 30 second variation in timing.

Minute:

Use this function for quick and easy timing of the appliance. After the countdown is complete, the task is performed according to its current state. This means that if the appliance is turned on, it will turn off after the countdown is complete. If, on the other hand, the appliance is turned off, it will turn on after the countdown is complete.

"K" Consumption

ELECTRIC HISTORY

HOUR | DAY | MONTH | YEAR

22.12.202_

Total 0.12 kWh
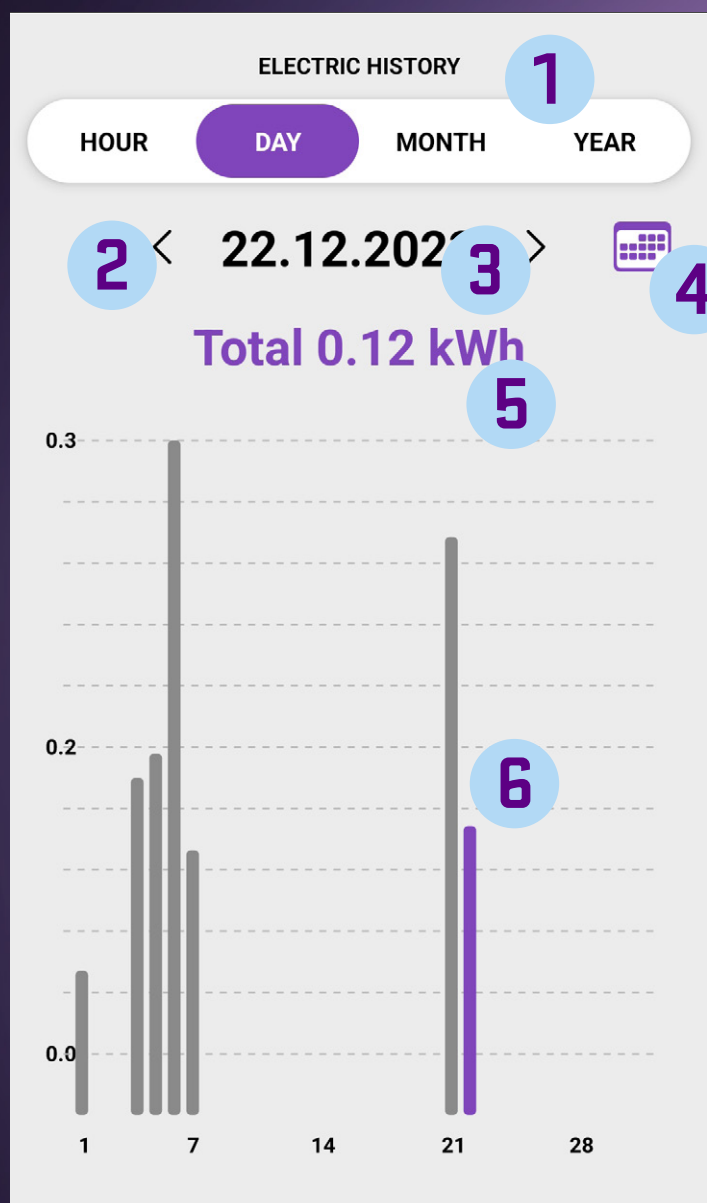
1. Consumption history display switch (Hours/Days/Months/Years)

2. Move back in history

3. Move forward in history

4. Calendar selection (option available in Days and Months modes)

5. Total consumption within the selected time range (Hours/Days/Months/Years)

6. Consumption graph (x-axis – time interval, y-axis – consumption value in [kWh]), the purple indicator represents the selected day

This function can clearly display the consumed electrical energy in kWh up to 1 year ago. There are 4 types of overviews: hourly, daily, monthly and yearly. The hourly overview provides a clear breakdown within a 24-hour cycle, allowing you to identify when consumption is highest during the day. In the daily overview, you can select and view the consumption for a specific day of the year. For quick navigation, use the calendar function by clicking on the icon ▦, where you can simply select the specific day of the month. The same principle applies to the monthly consumption overview.

"L" Settings

Settings	
Panel version: 1.0.79	
Child lock	⚪ **1**
Light mode	Relay › **2**
Relay Status	Memory › **3**
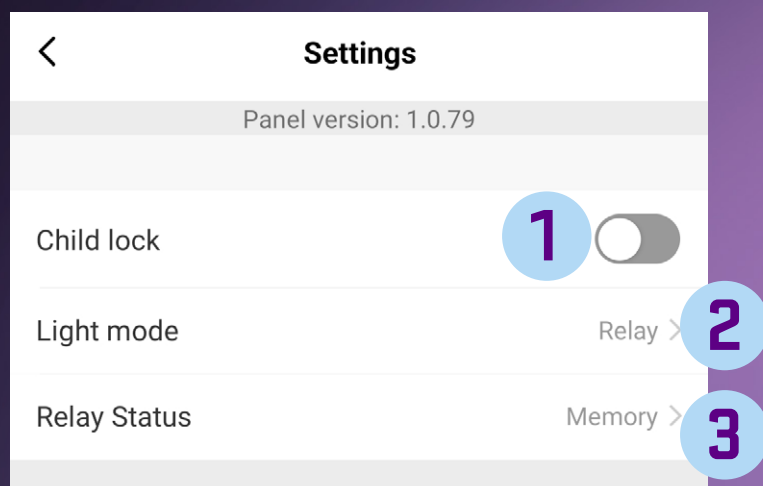
1 Child lock – the button on the RSH 201 device will not be active when the child lock is enabled

2 LED status mode
- Status indication ON/OFF
- Indication when turned off
- LED is always off
- LED is always on

3 STATUS after power restoration
- Off (RSH 201 will be in the Off state after power is restored)
- On (RSH 201 will be in the On state after power is restored)
- Last status memory (RSH 201 remembers the last set values)

7) Technical Specifications

Voltage: 250 V~/50 Hz

Maximum Load: 16 (2.5) A, $\sum$ 3,680 W

Wi-Fi Frequency: 2.4 GHz Wi-Fi Standard: IEEE 802.11 b/g/n

Safety Mechanisms: OPEN/WEP/WPA-PSK/WPA2-PSK, WPA3

 Control: Wi-Fi, Bluetooth 5.2

Maximum Transmitter Power 100 mW at 2.4–2.4835 GHz

MAINTENANCE AND CLEANING

Before any maintenance, first unplug the pre-charging device / plug from the power outlet.

To prevent the risk of electric shock, do not expose the product to dripping or splashing water or any other liquid. Do not immerse the product in water or any other liquid.

For cleaning, use only a dry and clean soft sponge. Do not use solvents, gasoline, benzene, or similar substances for cleaning. Using such substances may damage the product.

ECOLOGICAL DISPOSAL

At the end of its lifetime, electrical equipment must not be disposed of as unsorted municipal waste.

Dispose of old products at an appropriate collection point in accordance with local regulations. Further details can be obtained from your local authorities or at the collection point.

Text, design, and technical details are subject to change without prior notice. We reserve the right to make such changes.

SYMBOLS USED

The product meets the EU requirements.

The product is classified as electrical equipment subject to the Waste Electrical and Electronic Equipment Directive. Do not dispose of it in municipal waste.

FAST ČR, a.s. hereby declares that the radio equipment RHS 201 is in accordance with the 2014/53/EU directive. The full text of the EU Declaration of Conformity is available at: https://www.retlux.eu.

Manufacturer's address: FAST ČR a. s., U Sanitasu 1621, 251 01 Říčany, Czech Republic