

SUPLA Products User Manual

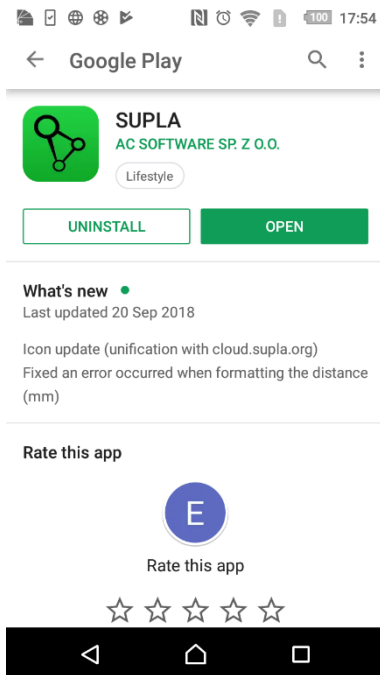
20 December 2017



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Application installation on a mobile device

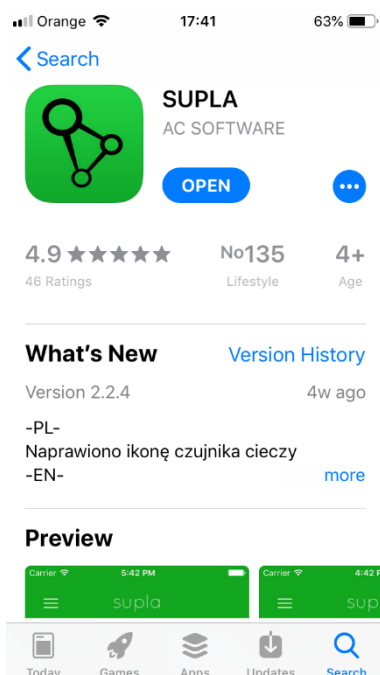


FOR ANDROID SYSTEM

Search PLAY store for SUPLA application or use url:
www.supla.org/android

INSTALLATION

Install application and then open it.



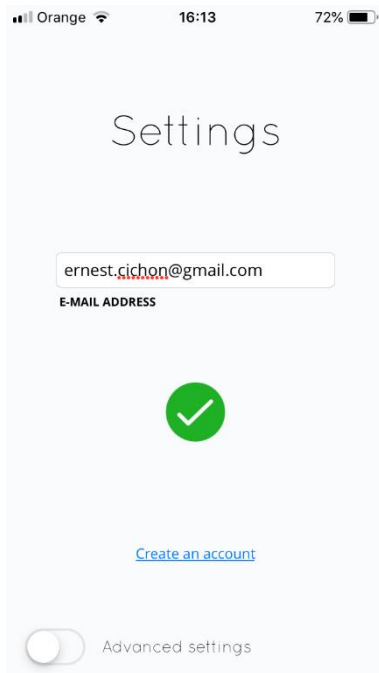
FOR IOS SYSTEM

Search ITUNES store for SUPPLA application or use url:
www.supla.org/ios

INSTALLATION

Install application and then open it.

Creating an account in the cloud



IF YOU DON'T HAVE AN ACCOUNT

After application installation use hyperlink in the application [Create an account](#) or enter hyperlink in the browser: <https://cloud.supla.org/auth/create>

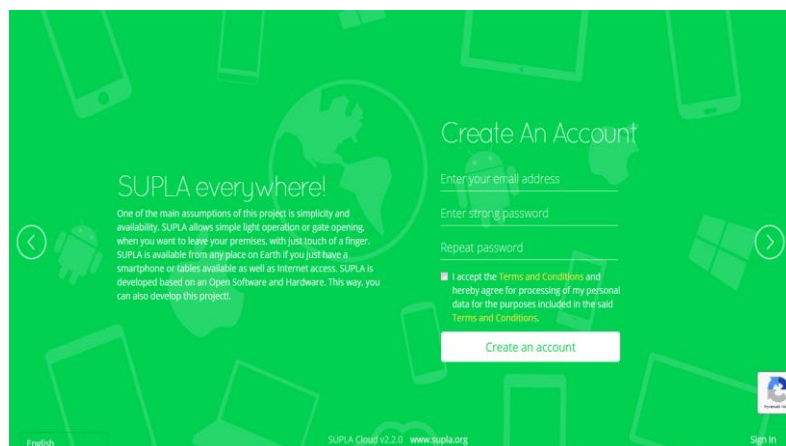
YOU HAVE AN ACCOUNT

Enter email address you used to create your account.

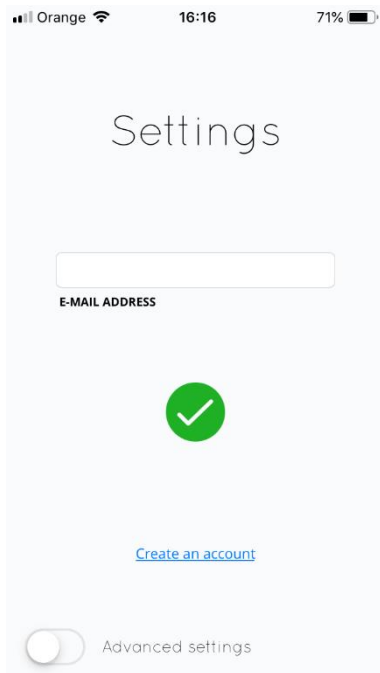
On the website enter following data:

- Email address
- Password
- Password confirmation

Additionally you need to confirm authenticity of a person entering the data. Confirm everything using a button “Create an account”.



Logging in to an account in the cloud



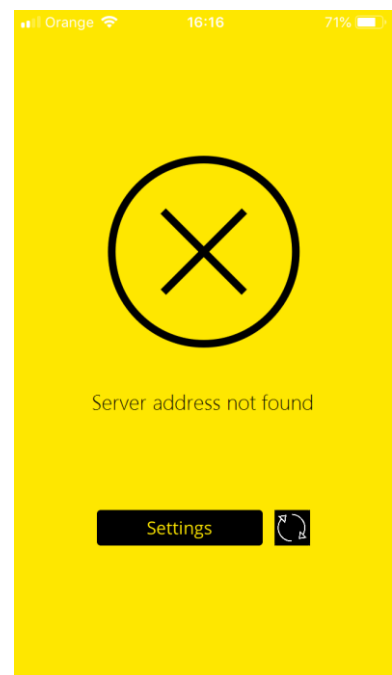
LOGGING IN TO THE APPLICATION

Enter email address you used while creating an account.

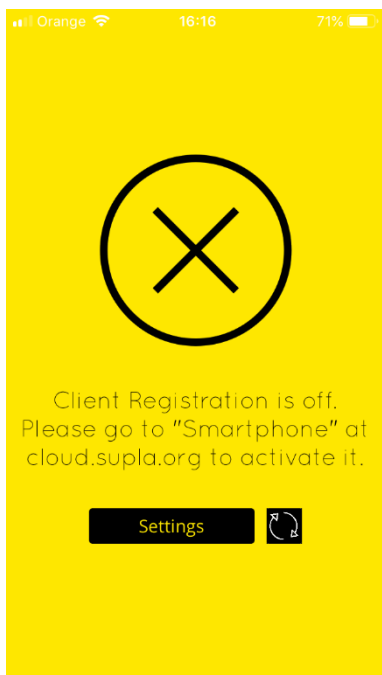
SERVER ADDRESS NOT FOUND

This error means that entered email address was not used to create an account.

Verify if entered email address is correct.



Turning on mobile devices adding

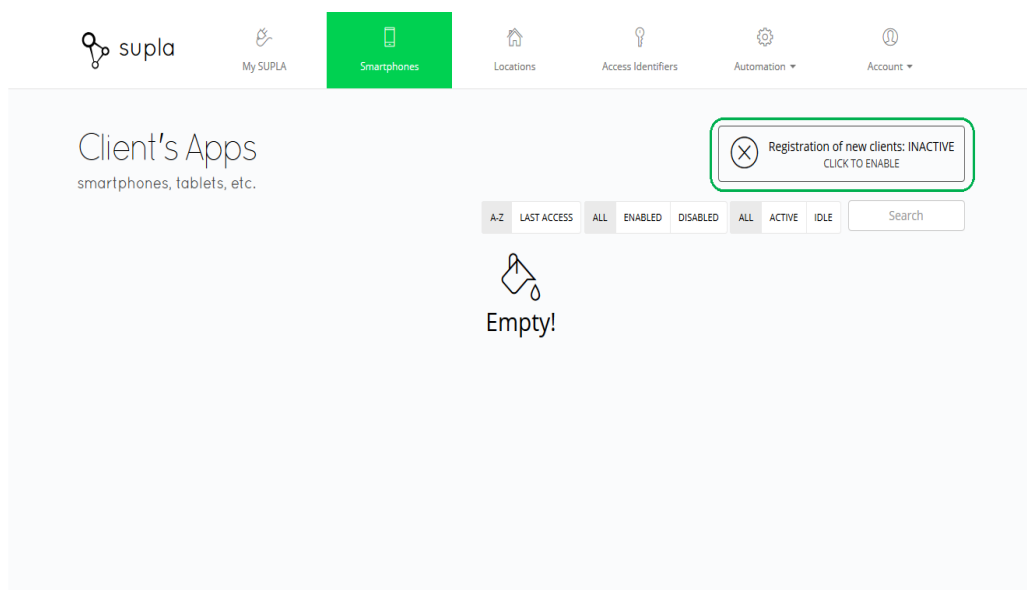


REGISTRATION IS TURNED OFF

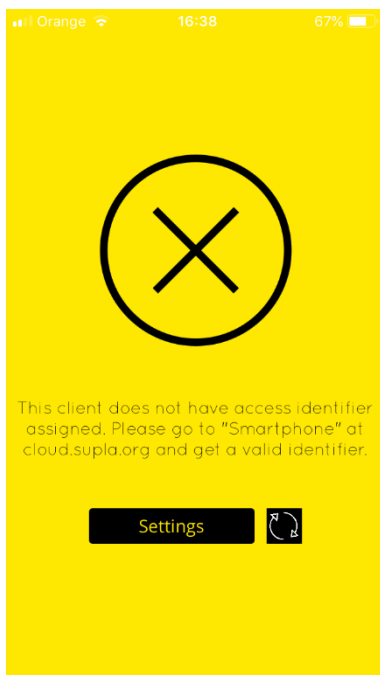
If you see an information about blocked registration, you need to login on the website <https://cloud.supla.org/> with email address and password used while creating an account.

TURNING ON REGISTRATION

You need to login on the website <https://cloud.supla.org/> and then turn on possibility of adding new mobile devices (image below)



Assigning an access identifiers

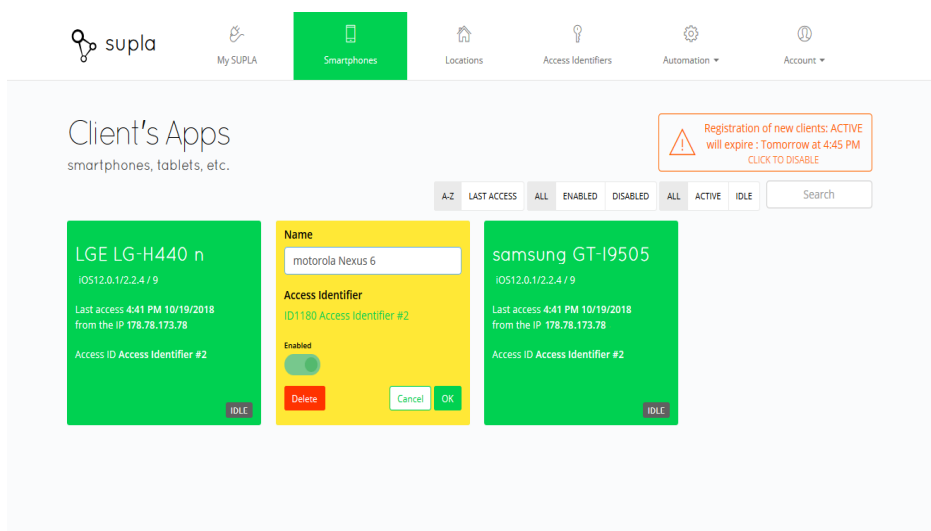


NO ACCESS IDENTIFIER

If you see an information in the application that there is no access identifier assigned, you need to go to the website <https://cloud.supla.org/>.

ACCESS IDENTIFIER ASSIGNING

On the website <https://cloud.supla.org/> go to smartphones tab and on the list find added mobile device model. Expand the access identifiers list and select the right one.



Application running



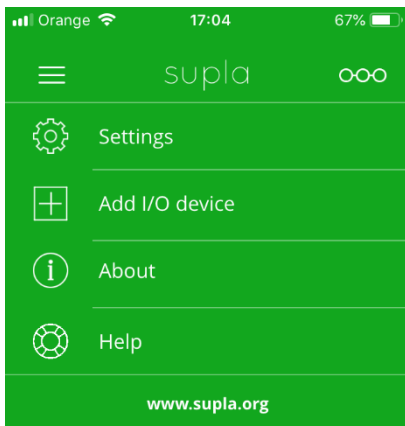
APPLICATION RUNNING

Correctly running application will display all added devices.

CONTROLLING DEVICES

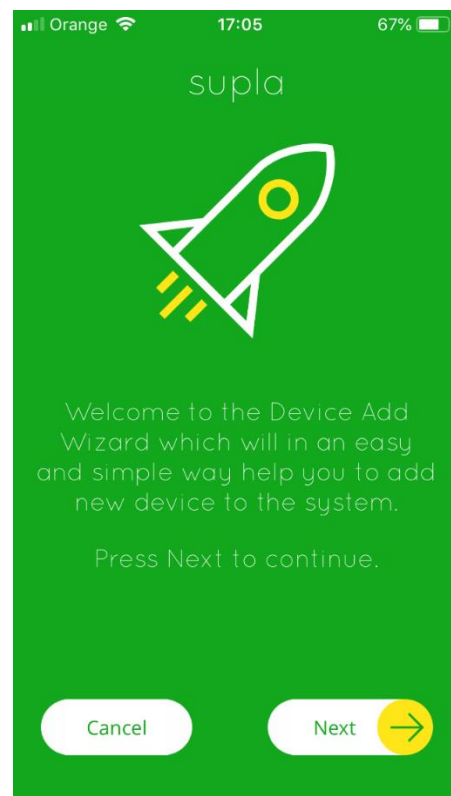
Depending on the type of controlled device, different controlling methods are available.

Adding new devices

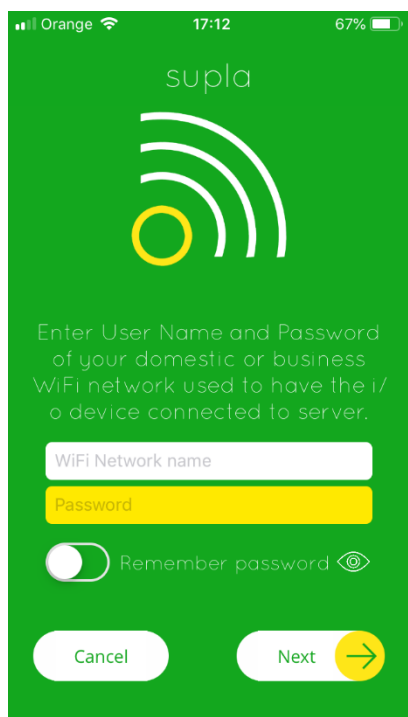


ADDING NEW DEVICE

From the application menu select “Add I/O device” option. New device adding creator will open. To continue click “Next” button.



Adding new devices

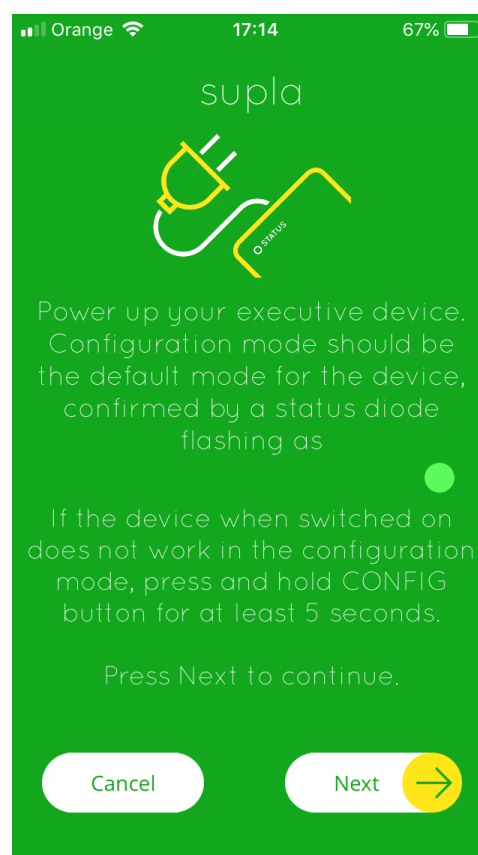


NETWORK PASSWORD

Enter password to your WiFi network, to which you are connected and click “Next” button.

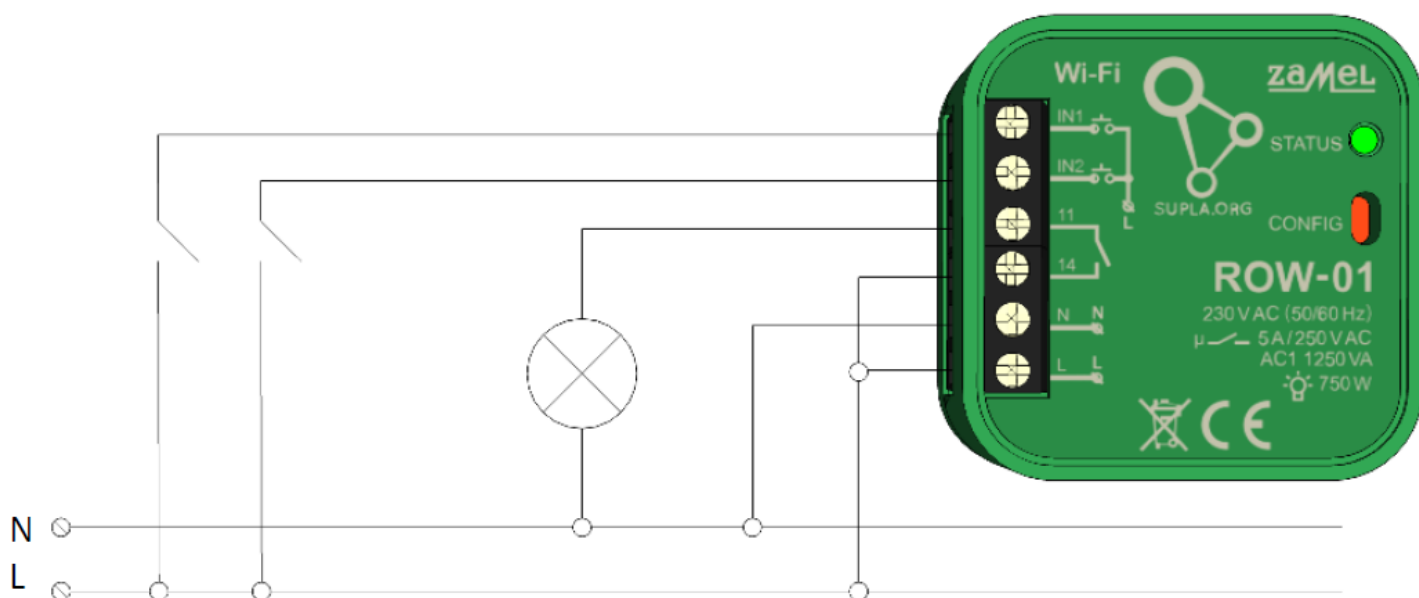
DEVICE CONNECTING

Connect SUPLA device to power supply according to the chart on the following page. Check if device LED behaves as shown in the animation. If not, set the device into configuration mode by pressing and holding the CONFIG button on the device. Then click START button.



Connection chart ROW-01

Connect ROW-01 according to the below chart:

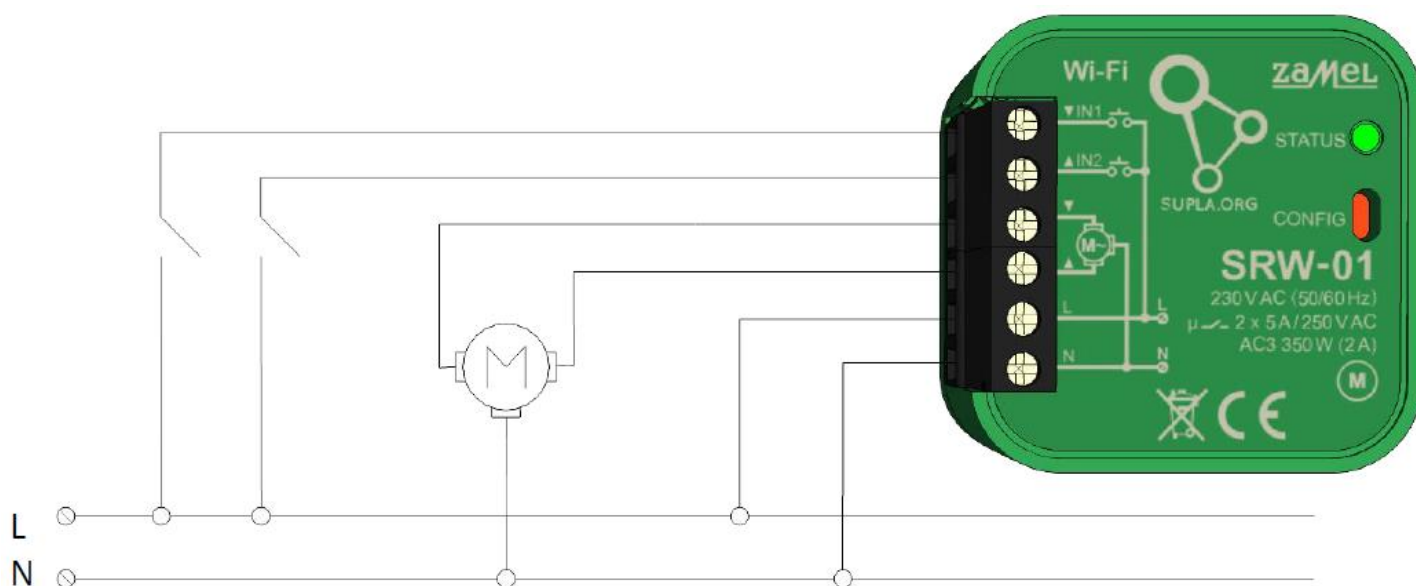


ROW-01 module is designed for canned installation. The dimensions of the housing enable installation in both flush-mounted cans (minimum $\varnothing 60$) and surface-mounted cans. In the case of flush mounting, it is recommended to use the so-called shoe-shaped cans. The device should be connected to a single-phase network in accordance with the applicable standards.

Activities related to: installation, connection and adjustment should be performed by qualified electricians who have read this manual and the functions of this device. For safety reasons, do not mount the device without housing or with damaged housing, as this creates a risk of electric shock. CAUTION! Before starting the installation, make sure that there is no high voltage on the connection cables.

Connection chart SRW-01

Connect SRW-01 according to the below chart:

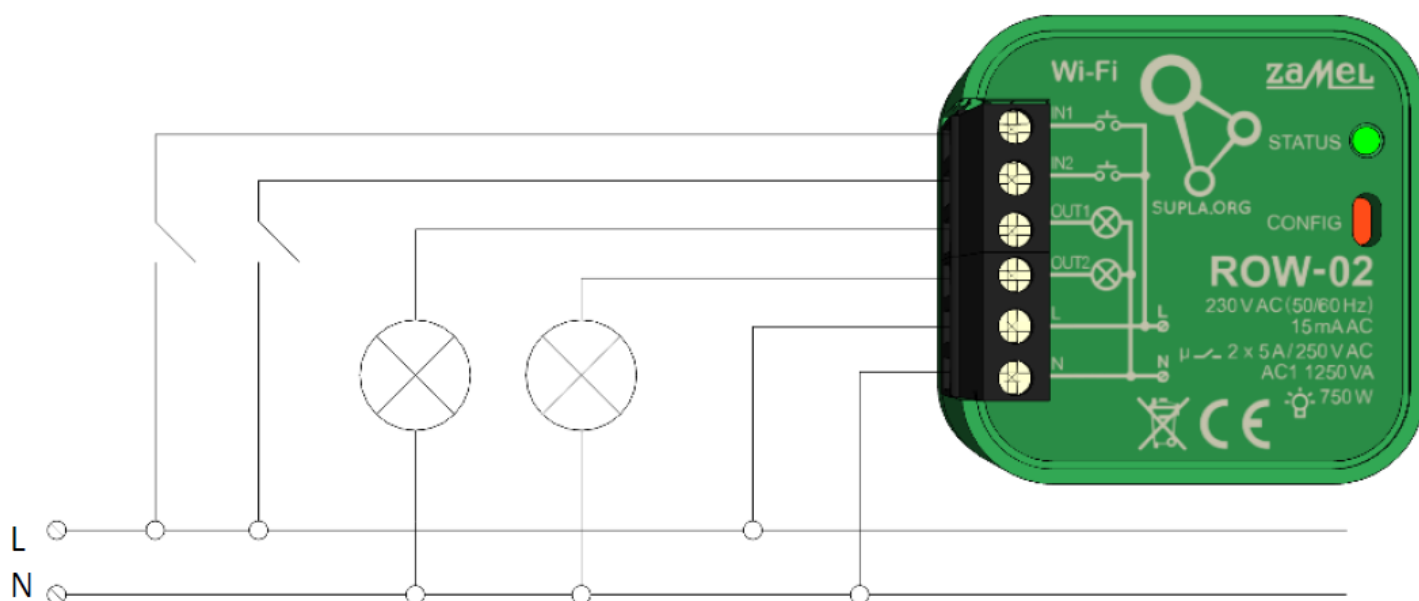


SRW-01 module is designed for canned installation. The dimensions of the housing enable installation in both flush-mounted cans (minimum $\varnothing 60$) and surface-mounted cans. In the case of flush mounting, it is recommended to use the so-called shoe-shaped cans. The device should be connected to a single-phase network in accordance with the applicable standards.

Activities related to: installation, connection and adjustment should be performed by qualified electricians who have read this manual and the functions of this device. For safety reasons, do not mount the device without housing or with damaged housing, as this creates a risk of electric shock. CAUTION! Before starting the installation, make sure that there is no high voltage on the connection cables.

Connection chart ROW-02

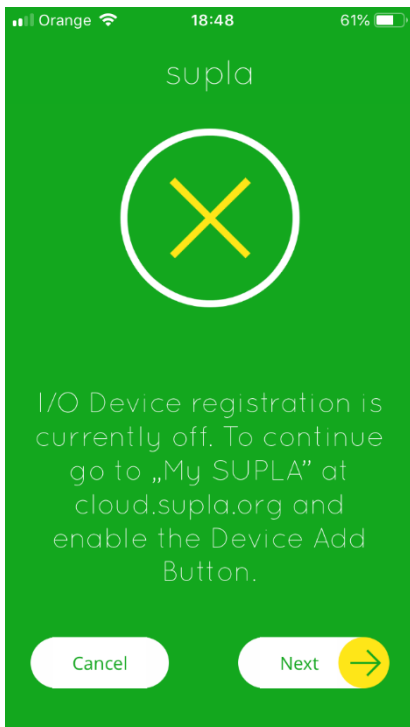
Connect ROW-02 according to the below chart:



ROW-02 module is designed for canned installation. The dimensions of the housing enable installation in both flush-mounted cans (minimum $\varnothing 60$) and surface-mounted cans. In the case of flush mounting, it is recommended to use the so-called shoe-shaped cans. The device should be connected to a single-phase network in accordance with the applicable standards.

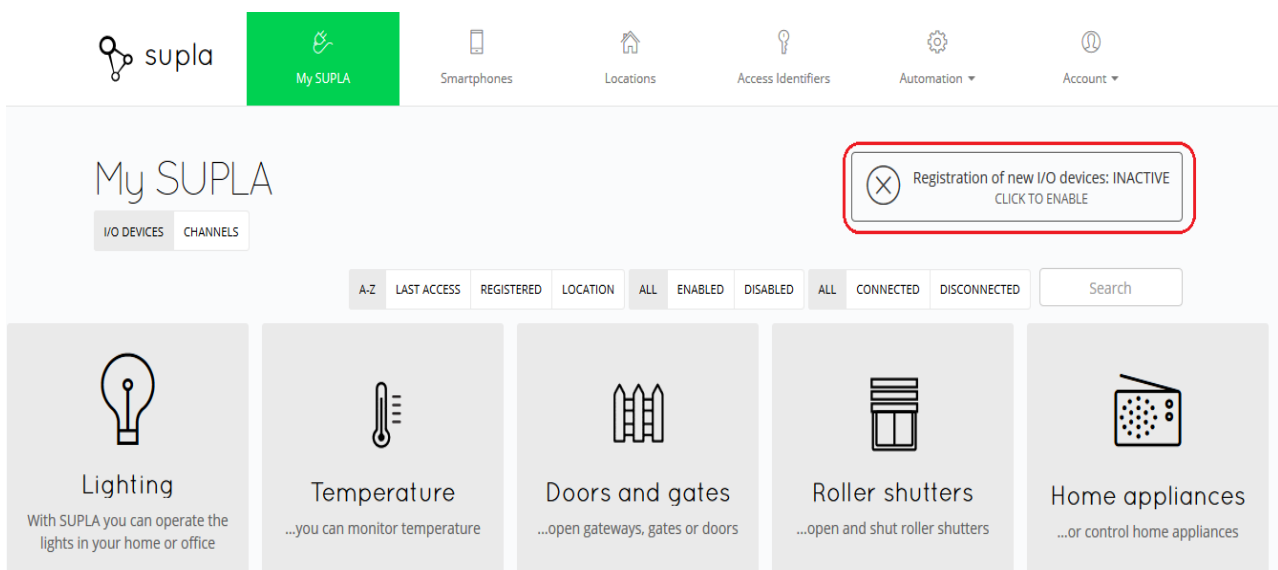
Activities related to: installation, connection and adjustment should be performed by qualified electricians who have read this manual and the functions of this device. For safety reasons, do not mount the device without housing or with damaged housing, as this creates a risk of electric shock. CAUTION! Before starting the installation, make sure that there is no high voltage on the connection cables.

Adding new devices

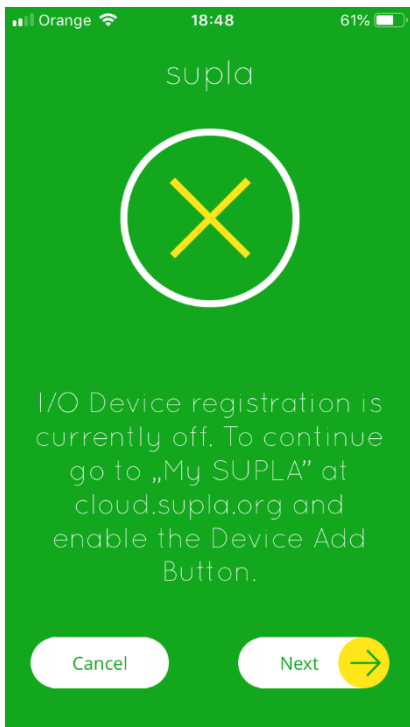


DEVICES REGISTRATION

If you see an information that devices registration is turned off, you need to go to the website <https://cloud.supla.org/>, login, select “My Supla” tab and turn on registration of new I/O devices, and then repeat the process.



Adding new devices

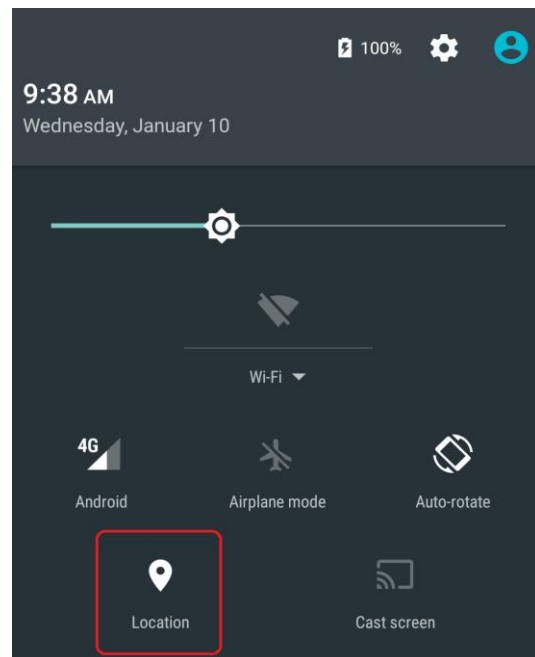


DEVICES NOT FOUND

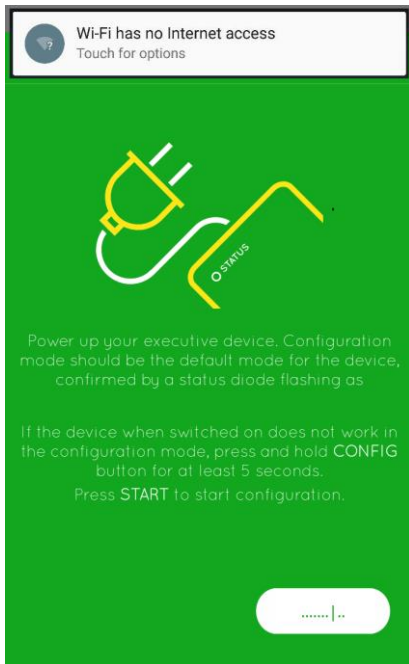
If you see a message that there are no detected devices, make sure device is in configuration mode and then repeat the process.

Some versions of Android system require localization turned on to search devices available in Wi-Fi network.

To turn it on, go to mobile device settings and turn on GPS/Location data on the notifications bar.



Adding new devices



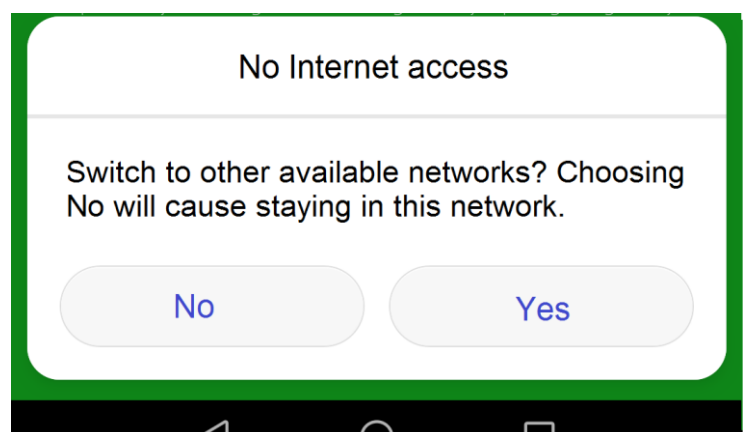
NO INTERNET / NETWORK ACCESS MESSAGE

During the process of new device adding, smartphone switches between house network and device Wi-Fi. As a result of this in some versions of Android system you can see a message like shown on the picture (or similar).

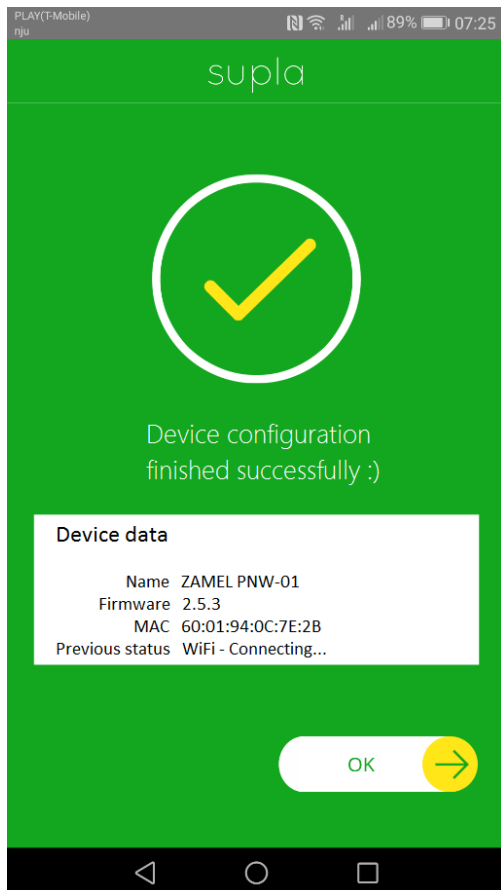
It only informs that smartphone connected to the device Wi-Fi that has no internet access.

In case of some mobile devices it is enough just to ignore such message.

In case of some other smartphones you need to press "No" button to allow staying in this network.



Adding new devices

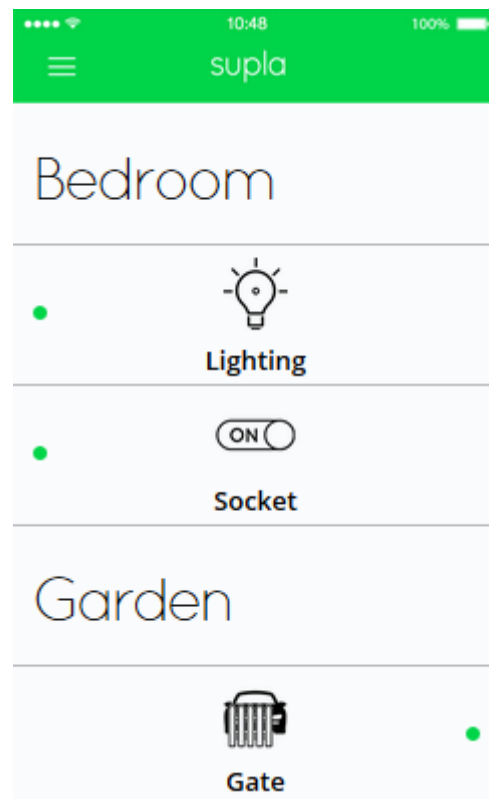


DEVICE ADDED SUCCESSFULLY

Adding a new device should end without any issues.

Message shown on the left will inform us about this: "Device configuration finished successfully".

After pressing OK button application should display added device on the list. From now on you can remotely control your SUPLA device!



Roller blind calibration in SRW-01 device

Channels

ROLLER BLIND CALIBRATION



OPENING AND CLOSING BLINDS

Channel 0 (Output)
Type **Relay**

After roller blind device is added you need to calibrate it, to be able to control percentage of opening. To achieve is you need to measure time of roller blind opening and closing. You can use stopwatch to do that. After finishing measurements you need to set roller blind in the maximum top position.

Then you need to go to <https://cloud.supla.org/> website, login to your SUPLA account and go to “My SUPLA” tab.

Search for your device on the list of available devices and select it. In “channels” section on the bottom of the page you will see “OPENING AND CLOSING ROLLER BLINDS” channel, please select it.

“CHANNEL PROPERTIES” page will open – please enter measured times here and confirm with confirmation button.

CHANNEL PROPERTIES

Channel number 0

Type **Relay**

Function


Blinds opening and closing

Total opening time sec.

Total closing time sec.

Opening sensor



Then press  button and wait until roller blind unroll to the very end. Percentage of roller blind closing in the application should show 100%. Your roller blind was calibrated successfully.

Device settings modification



WI-FI NETWORK SETTINGS MODIFICATION

To modify network settings you need to set your device into configuration mode by pressing and holding CONFIG button on the device until STATUS LED starts blinking.

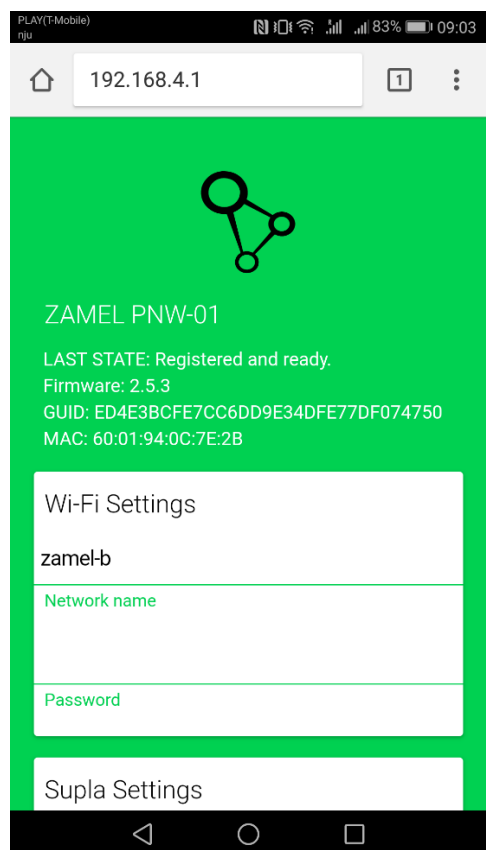
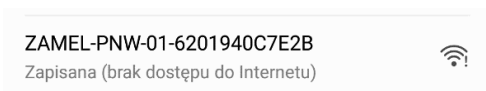
CAUTION: In the PNW-01 device the function of the CONFIG button is performed by the footswitch.

Then you need to search for your device on the list of available Wi-Fi networks and connect to it. Network name should begin from the device name.

Then open your web browser, enter IP address: 192.168.4.1 and confirm.

Configuration page will open. Here you can easily change the network settings.

After changing the process press "SAVE" button on the bottom of the page. You should see "Data saved!" message. To confirm entered data press CONFIG button on the device shortly. If your device connects to the network successfully STATUS LED will be permanently illuminated.



Device settings modification



LED SETTINGS MODIFICATION

To do that you need to set your device into configuration mode by pressing and holding CONFIG button on the device until STATUS LED starts blinking.

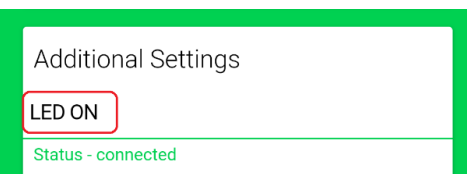
CAUTION: In the PNW-01 device the function of the CONFIG button is performed by the footswitch.

Then you need to search for your device on the list of available Wi-Fi networks and connect to it. Network name should begin from the device name.

Then open your web browser, enter IP address: 192.168.4.1 and confirm.

Configuration page will open. After scrolling down you will see “Additional settings” tab that contains “Status – connected” – change the value to LED OFF. After changing the process press “SAVE” button on the bottom of the page. You should see “Data saved!” message. To confirm entered data press CONFIG button on the device shortly. If your device connects to the network successfully STATUS LED will be off.

ZAMEL-PNW-01-6201940C7E2B
Zapisana (brak dostępu do Internetu)



Software update



REMOTE SOFTWARE UPDATE

To do that you need to set your device into configuration mode by pressing and holding CONFIG button on the device until STATUS LED starts blinking.

CAUTION: In the PNW-01 device the function of the CONFIG button is performed by the footswitch.

Then you need to search for your device on the list of available Wi-Fi networks and connect to it. Network name should begin from the device name.

Then open your web browser, enter IP address: 192.168.4.1 and confirm.

Configuration page will open. After scrolling down you will see “Additional settings” tab that contains “Firmware upgrade” – change value to YES. After changing the process press “SAVE” button on the bottom of the page. You should see “Data saved!” message. To confirm entered data press CONFIG button on the device shortly. After connecting to the network your device will verify if there is a new firmware version available. If it is available, your device will automatically download and install new version. During the process of firmware update the LED will blink quickly.

ZAMEL-PNW-01-6201940C7E2B

Zapisana (brak dostępu do Internetu)



PLAY(T-Mobile) 83% 09:03

192.168.4.1



ZAMEL PNW-01

LAST STATE: Registered and ready.

Firmware: 2.5.3

GUID: ED4E3BCFE7CC6DD9E34DFE77DF074750

MAC: 60:01:94:0C:7E:2B

Additional Settings

LED ON

Status - connected

Locations

Every I/O device in the system belongs to some location. It is nothing but a group of devices located within a user-defined group / room. The area covered by a particular location depends entirely on you. Individual locations should be associated with selected access identifiers, which allows you to specify the type of permissions determining which user has access to which locations.

The location can be switched off or on again at any time, thus the devices operating within the location will be visible or not.

ADDING A LOCATION

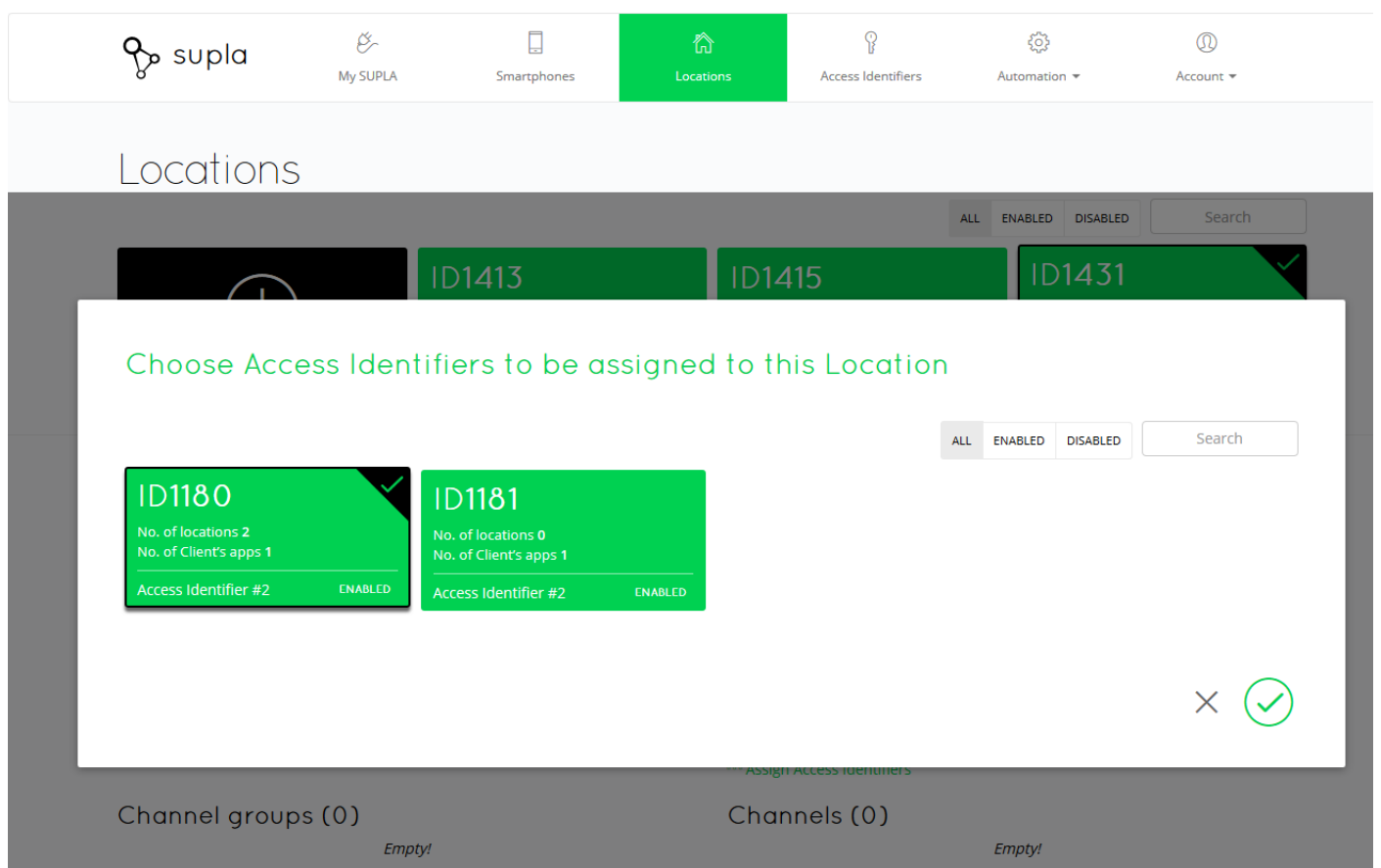
To add a location:

1. Go to <https://cloud.supla.org/> and login to your account. Then go to the "Locations" tab.
2. Click on the black button "Create a new location" on the left.

The screenshot shows the Supla cloud interface. At the top, there is a navigation bar with icons for 'supla', 'My SUPLA', 'Smartphones', 'Locations' (highlighted), 'Access Identifiers', 'Automation', and 'Account'. Below the navigation bar, the 'Locations' section is displayed. It features a 'Create New Location' button on the left and a list of three existing locations: 'HOME' (ID1413), 'Location #2' (ID1415), and 'Location #3' (ID1431). Each location card shows its ID, status (ENABLED), and statistics (No. of devices, No. of channel groups, No. of access identifiers). Below the list, the detailed view for 'Location ID1431' is shown. It includes a toggle switch for 'Enabled', a 'Caption' field with the value 'Location #3', and a 'Password' field with masked characters. The 'I/O Devices (0)', 'Channel groups (0)', and 'Access Identifiers (1)' sections are also visible. The 'Access Identifiers (1)' section contains a table with one entry: ID 1180, Password masked, and Caption 'Access Identifier #2'. There is also a 'Delete' button in the top right corner of the detailed view.

Locations

3. Then assign the access identifiers to the location by clicking "Assign Access Identifiers" below in the section "Access Identifiers". Select the Access Identifiers you want to add and confirm with the green round button at the bottom of the screen.



Access Identifiers

The **Access Identifier** is a kind of key enabling access to the system by client devices (smartphones / tablets).

User using the given identifier will have access to all assigned locations that are currently active, and thus to all input / output devices working within related locations. The policy of assigning identifiers and connecting them with locations depends only on you. You can create an identifier for individual users or entire groups. In order to easily distinguish the purpose of the identifier, enter a signature for each of them. For example, "Children", "Parents", "Employees", "Management", "Jan Nowak".

To add a new access identifier:

1. Go to <https://cloud.supla.org/> and login to your account. Then go to the tab "Access identifiers".

2. Select the black window with the words "Create new access identifier"

supla My SUPLA Smartphones Locations Access Identifiers Automation Account

Access Identifiers

ALL ENABLED DISABLED Search

Card	ID	No. of locations	No. of Client's apps	Status
Create New Access Identifier	-	-	-	-
Access Identifier #2	ID1180	2	1	ENABLED
Access Identifier #2	ID1181	0	1	ENABLED
Access Identifier #3	ID1188	0	0	ENABLED

Access Identifier ID1188

Enabled

Caption Access Identifier #3

Password *****

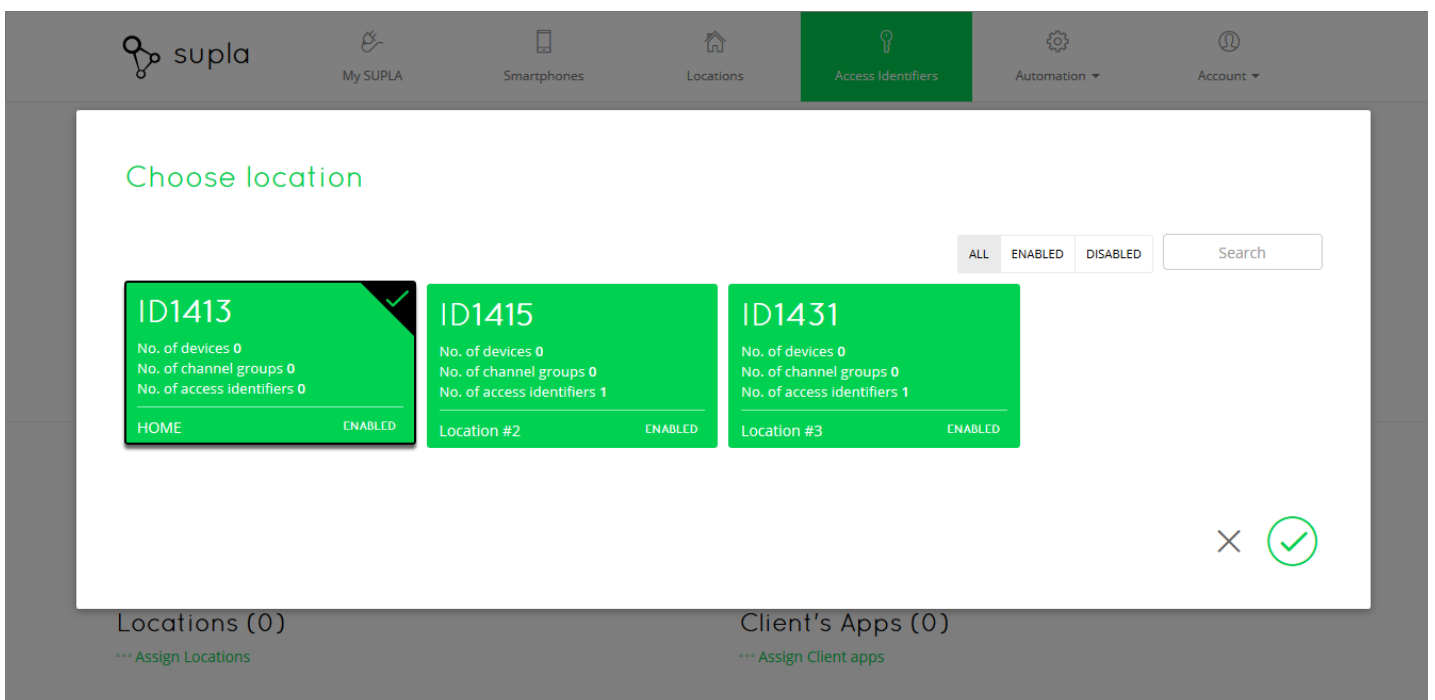
Locations (0) [*** Assign Locations](#)

Client's Apps (0) [*** Assign Client apps](#)

Delete

Access Identifiers

3. Then assign selected locations to it by clicking on "Assign locations" below, choose the locations you want to add and confirm them with the green round button at the bottom of the screen.



Access Identifiers

4. Assign a location to the appropriate mobile device. To do this, go to the "Smartphones" tab, select the smartphone / tablet we are interested in and select the Access Identifier using the hyperlink and then confirm with the green round button at the bottom of the screen..

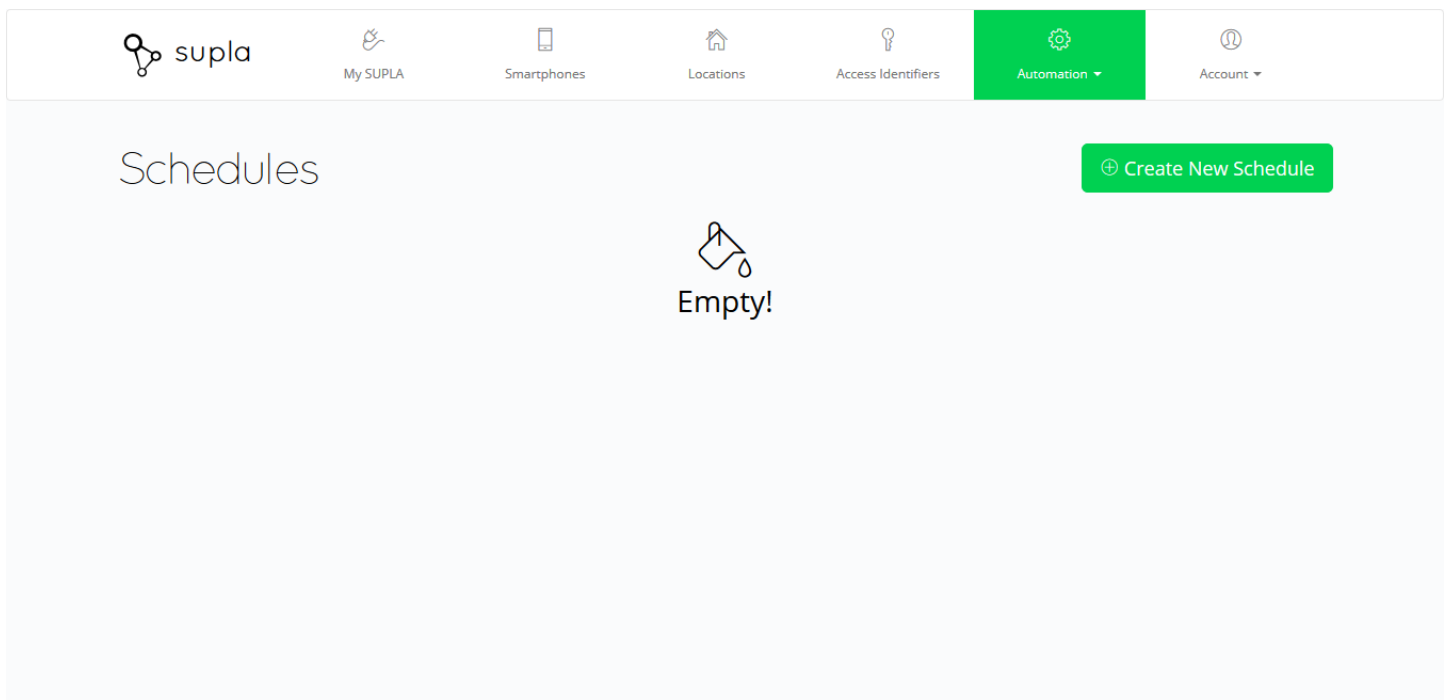
NOTE: If your smartphone is not visible in "Client Applications", try logging in to the SUPLA app with your email address.

The screenshot displays the SUPLA web interface. At the top, there is a navigation bar with the following items: the SUPLA logo, 'My SUPLA', 'Smartphones' (highlighted in green), 'Locations', 'Access Identifiers', 'Automation', and 'Account'. Below the navigation bar, the main content area is titled 'Client's Apps' with the subtitle 'smartphones, tablets, etc.'. A warning box on the right indicates 'Registration of new clients: ACTIVE will expire : Today at 6:47 PM' with a 'CLICK TO DISABLE' link. Below the warning, there are filter tabs: 'A-Z', 'LAST ACCESS', 'ALL', 'ENABLED', 'DISABLED', 'ALL', 'ACTIVE', 'IDLE', and a 'Search' input field. The main content area shows a list of client applications. The first card is yellow and titled 'Name' with the value 'KLiPhone'. Below it, 'Access Identifier' is 'ID1180 Access Identifier #2', which is circled in red. There is an 'Enabled' toggle switch and buttons for 'Delete', 'Cancel', and 'OK'. The second card is green and titled 'Sony D5803'. It shows 'Android6.0.1/2.2.4 / 9', 'Last access 7:16 PM 10/19/2018 from the IP 173.173.173.78', and 'Access ID Access Identifier #2'. A small 'IDLE' button is visible at the bottom right of this card.

Schedules

CREATING A NEW SCHEDULE

To create a new schedule, go to <https://cloud.supla.org/> and login to your account. Then go to the "Automation" tab and select "Schedules" and then "Create a new schedule" option.



Schedules

There are 4 types of schedules to choose from:

1. One time - in this cycle, we can set the action to happen only once, for example, turn off the light on January 29, 2018 at 15:30.

Schedule mode

once minutely hourly daily

When?

< October 2018 >

Su	Mo	Tu	We	Th	Fr	Sa		
30	1	2	3	4	5	6		
7	8	9	10	11	12	13	12	25
14	15	16	17	18	19	20	PM	
21	22	23	24	25	26	27		
28	29	30	31	1	2	3		
4	5	6	7	8	9	10		

The next available executions

October 20, 2018 12:25 PM	in 9 minutes
---------------------------	--------------

Action

Subject

2. Minute cycle - in this cycle we can set a repeated action, which is to be performed cyclically at a specific time interval, eg every 5 minutes, change the color of RGB lighting.

Schedule mode

once minutely hourly daily

When?

Interval

Every minutes

Start date

End date

The next available executions

October 20, 2018 12:30 PM	in 11 minutes
October 20, 2018 12:35 PM	in 16 minutes
October 20, 2018 12:40 PM	in 21 minutes

Action

Subject

Schedules

3. Hour cycle - this cycle performs a specific action at given hours on a day, eg open the gate at 7:00, 15:00 and 20:00.

Schedule mode

once | **minutely** | hourly | daily

When?

Hours

<input type="checkbox"/> 00:00	<input type="checkbox"/> 01:00	<input type="checkbox"/> 02:00	<input type="checkbox"/> 03:00
<input type="checkbox"/> 04:00	<input type="checkbox"/> 05:00	<input type="checkbox"/> 06:00	<input type="checkbox"/> 07:00
<input type="checkbox"/> 08:00	<input type="checkbox"/> 09:00	<input type="checkbox"/> 10:00	<input type="checkbox"/> 11:00
<input type="checkbox"/> 12:00	<input type="checkbox"/> 13:00	<input type="checkbox"/> 14:00	<input type="checkbox"/> 15:00
<input type="checkbox"/> 16:00	<input type="checkbox"/> 17:00	<input type="checkbox"/> 18:00	<input type="checkbox"/> 19:00
<input type="checkbox"/> 20:00	<input type="checkbox"/> 21:00	<input type="checkbox"/> 22:00	<input type="checkbox"/> 23:00

Minute

0

Start date

10/20/2018 12:20 PM

End date

Action

Subject

4. Daily cycle - this cycle performs a specific action on given days of the week at fixed times, for example, open the blind from Monday to Friday at 8:00. It is also possible to perform the action also at sunrise and sunset.

Schedule mode

once | minutely | hourly | **daily**

When?

Chosen hour

12 : 30 PM

Days

- Mondays
- Tuesdays
- Wednesdays
- Thursdays
- Fridays
- Saturdays
- Sundays

Start date

10/20/2018 12:20 PM

End date

The next available executions

October 21, 2018 12:30 PM	in a day
October 22, 2018 12:30 PM	in 2 days
October 23, 2018 12:30 PM	in 3 days

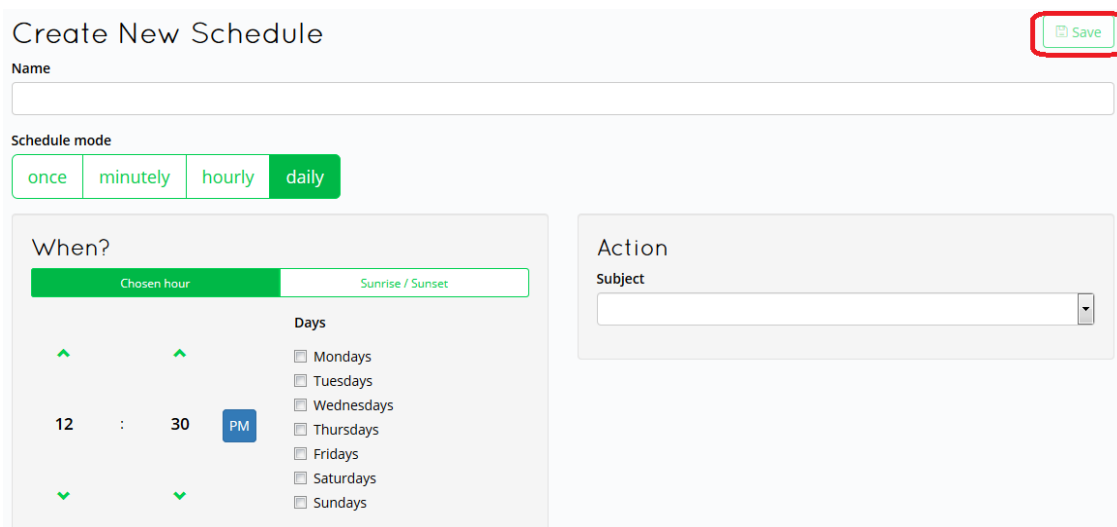
Action

Subject

Schedules

To **add** a schedule:

1. Choose the schedule that interests you
2. Set the appropriate values in the "When?"
3. In the "Action" pane, select the module from the list, select the action (enable, disable, etc.) and click "Save" button.



Create New Schedule Save

Name

Schedule mode

once minutely hourly **daily**

When?

Chosen hour Sunrise / Sunset

12 : 30 PM

Days

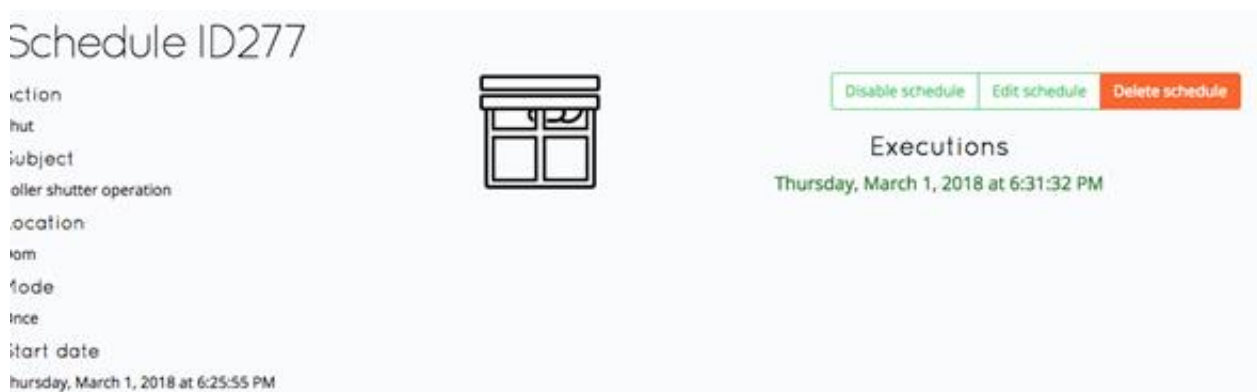
- Mondays
- Tuesdays
- Wednesdays
- Thursdays
- Fridays
- Saturdays
- Sundays

Action

Subject

To **delete** the schedule, go to the "Schedules" tab and then:

1. Choose the schedule that interests you
2. Click "Delete Schedule" marked in orange.



Schedule ID277

action
hut
subject
roller shutter operation
location
room
mode
Ince
start date
Thursday, March 1, 2018 at 6:25:55 PM

Disable schedule Edit schedule **Delete schedule**

Executions
Thursday, March 1, 2018 at 6:31:32 PM

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