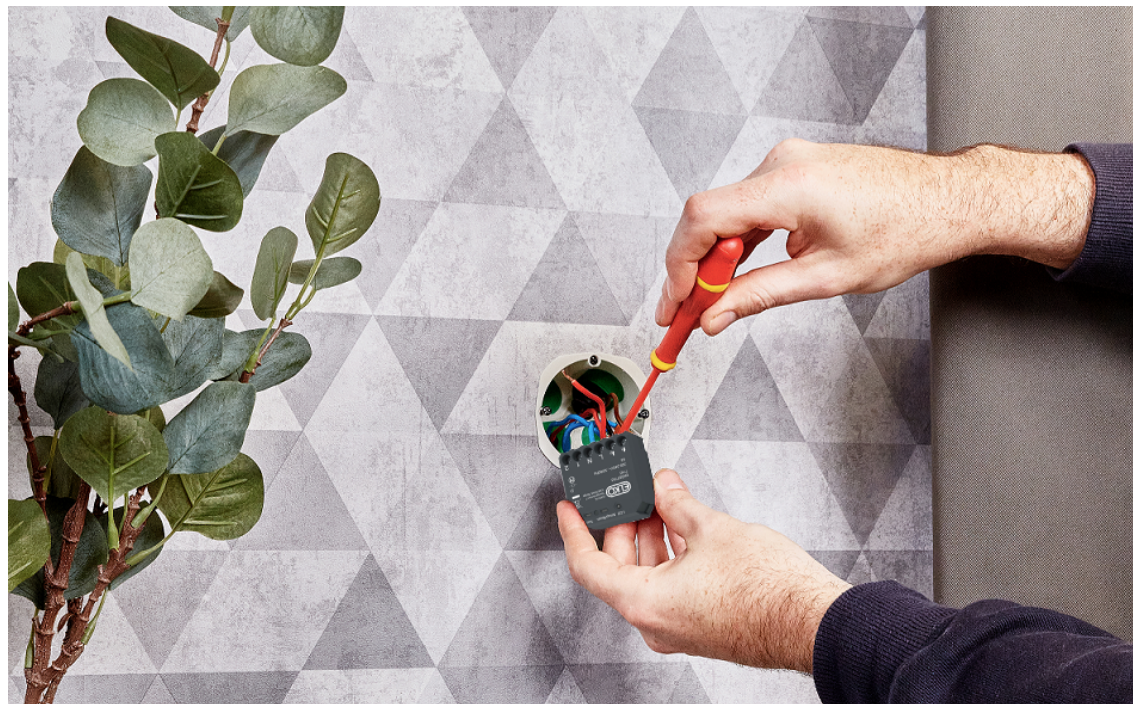


ELKO - SmartBlinds Puck

Wiser Home Device user guide

Information about features and functionality of the device.

10/2025



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Safety Information

Important Information

Read these instructions carefully and look at the equipment to become familiar with the device before trying to install, operate, service, or maintain it. The following special messages may appear throughout this manual or on the equipment to warn of potential hazards or to call attention to information that clarifies or simplifies a procedure.



The addition of either symbol to a “Danger” or “Warning” safety label indicates that an electrical hazard exists which will result in personal injury if the instructions are not followed.



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that accompany this symbol to avoid possible injury or death.

DANGER

DANGER indicates a hazardous situation which, if not avoided, **will result in** death or serious injury.

Failure to follow these instructions will result in death or serious injury.

WARNING

WARNING indicates a hazardous situation which, if not avoided, **could result in** death or serious injury.

CAUTION

CAUTION indicates a hazardous situation which, if not avoided, **could result in** minor or moderate injury.

NOTICE

NOTICE is used to address practices not related to physical injury.

About the Document

Document Scope

This document provides comprehensive instructions for installing, configuring, and operating the ELKO SmartBlinds Puck with the Wiser Home system. It explains pairing with wireless switches and the Wiser Hub, manual and app-based shutter control, and setting up schedules, moments, and automations. Users can calibrate shutter movement, define device types, and utilize Seasonal Comfort Mode for energy-efficient temperature regulation. The guide also covers managing device settings, updating sensor orientations, and troubleshooting common issues.

Validity Note

The characteristics of the products described in this document are intended to match the characteristics that are available on elko.no. As part of our corporate strategy for constant improvement, we may revise the content over time to enhance clarity and accuracy. If you see a difference between the characteristics in this document and the characteristics on elko.no, consider elko.no to contain the latest information.

For your safety

DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

Safe electrical installation must be carried out only by skilled professionals. Skilled professionals must prove profound knowledge in the following areas:

- Connecting to installation networks.
- Connecting several electrical devices.
- Laying electric cables.
- Safety standards, local wiring rules and regulations.

Failure to follow these instructions will result in death or serious injury.

DANGER

HAZARD OF ELECTRIC SHOCK

- Make sure that the terminal connection area does not come in contact with the metallic parts of any device installed in the same location.
- Do not short the outputs to neutral.
- The motor contacts and live conductor connection must be separated from one another by a 240 VAC basic insulation.

Failure to follow these instructions will result in death or serious injury.

⚠ WARNING

HAZARD OF ELECTRIC SHOCK

- Observe the regulations for working on live parts.
- Only actuate the device buttons using insulated auxiliary equipment that meets the requirements of EN 60900.

Failure to follow these instructions can result in death, serious injury, or equipment damage.

General Cybersecurity Information

In recent years, the growing number of networked machines and production plants has seen a corresponding increase in the potential for cyber threats, such as unauthorized access, data breaches, and operational disruptions. You must, therefore, consider all possible cybersecurity measures to help protect assets and systems against such threats.

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 - Report vulnerabilities and incidents.
- Visit the [Schneider Electric Cybersecurity and Data Protection Posture](#) web page to:
 - Access the cybersecurity posture.
 - Learn more about cybersecurity in the cybersecurity academy.
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Find and download comprehensive environmental data about your products, including RoHS compliance and REACH declarations as well as Product Environmental Profile (PEP), End-of-Life instructions (EOL) and much more.

<https://www.se.com/myschneider>



General information about Schneider Environmental Data Program

Click the link below to read about Schneider Electric's Environmental Data Program.

<https://www.se.com/ww/en/about-us/sustainability/environmental-data-program/>



Declaration of Conformity

Hereby, Schneider Electric Industries SAS, declares that this product is in compliance with the essential requirements and other relevant provisions of RADIO EQUIPMENT DIRECTIVE 2014/53/EU.

Declaration of conformity can be downloaded on:

- <https://www.go2se.com/ref=EKO07145>

Available Languages of the Document

The document is available in these languages:

- English
- Norwegian

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ELKO Smart Blinds Puck



EKO07145

Related Topics

- About the device
- Installing the device
- Testing the device
- Quick Home Connect
- Pairing the device with the Wiser Hub
- Configuring the device
- Using the device
- Removing the device from Wiser system
- Resetting the device
- LED indication
- Troubleshooting
- Technical data

About the device

The ELKO Smart Blinds Puck (hereinafter referred to as Puck) provides the smart shutter functionalities with ordinary mechanical double push-button switches. The shutter Puck can be controlled directly from a wired-connected double push-button switch or wireless via the Wiser Home app. Relay contacts are mechanically locked against each other to prevent simultaneous triggering of the two relay outputs.

NOTE: Do not use the Puck to control any devices depending on a permanent power supply.

Additional features:

- Remote control with maximum of 10 mechanical double push-button switches.
- Protection of the motor against damage, using two mutually mechanical and electronic locks between the relay contacts.
- Protection against electronic overload, overheating and short-circuit.
- Setting a schedule using Wiser Home app.

Related Topics

- [ELKO Smart Blinds Puck \(Parent Topic\)](#)

Installing the device

Refer to the installation instruction supplied with this product.

See [SmartBlinds Puck](#)

Related Topics

- [ELKO Smart Blinds Puck \(Parent Topic\)](#)

Testing the device

Before using the Puck, manually test the Puck and make sure that it works when connected to the shutter.

⚠ WARNING

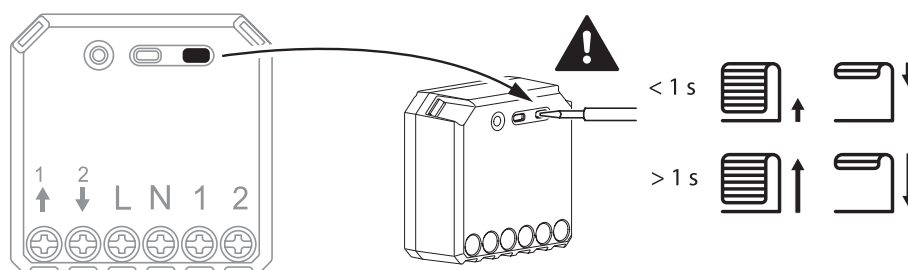
HAZARD OF ELECTRIC SHOCK

- Observe the regulations for working on live parts.
- Only actuate the device buttons using insulated auxiliary equipment that meets the requirements of EN 60900.

Failure to follow these instructions can result in death, serious injury, or equipment damage.

To test the Puck:

1. Short press the test button once.
The shutter opens/closes gradually.
2. Press and hold the test button.
The shutter opens/closes fully.
3. Record the time for the shutter to fully open/close.



Related Topics

- ELKO Smart Blinds Puck (Parent Topic)

Quick Home Connect

Quick Home Connect is a wireless connectivity solution for Zigbee devices without the need for a Wiser Hub or smartphone application. Quick Home Connect is your starting point for wireless home automation. It performs functions like switching, dimming and shutter control using the Connected Wireless Switch (hereinafter referred to as Wireless switch) via a Zigbee network.

The **Wireless switch** is a battery-powered wireless push-button switch that is used to control Zigbee devices (such as dimmer, shutter, switch, and socket) within the same Zigbee network.

Limitations

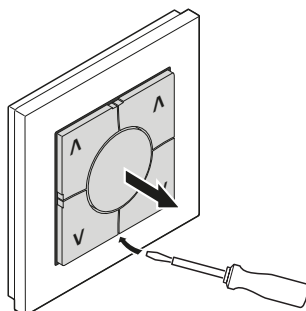
- Quick Home Connect serves only as a room control solution.
- This solution does not support remote control, smartphone app usage, or scheduling features.

Related Topics

- ELKO Smart Blinds Puck (Parent Topic)
- Pairing Wireless Switch with SmartBlinds Puck
- Operating a Shades Control
- Resetting the device in Quick Home Connect
- LED Indications in Quick Home Connect
- Troubleshooting in Quick Home Connect

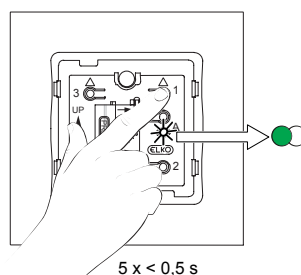
Pairing Wireless Switch with SmartBlinds Puck

1. Remove the rocker from the Wireless switch.



2. Short press the top-right push button 5 times in quick succession on the Wireless switch.

The status LED blinks green.



3.

⚠ WARNING**HAZARD OF ELECTRIC SHOCK**

- Observe the regulations for working on live parts.
- Only actuate the device buttons using insulated auxiliary equipment that meets the requirements of EN 60900.

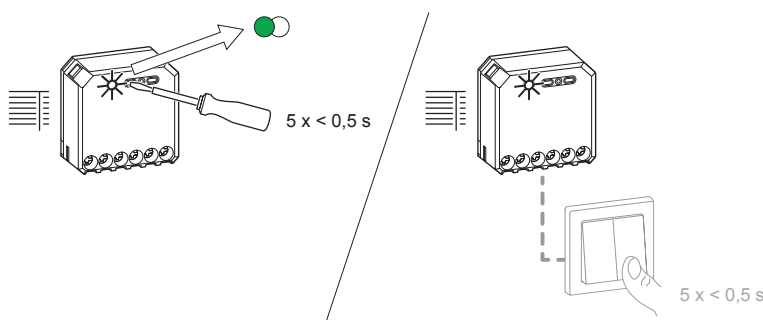
Failure to follow these instructions can result in death, serious injury, or equipment damage.

Follow either of the options to pair the Puck:

- Short press the Setup/Reset button 5 times in quick succession on the Puck.
- Short press the mechanical push button 5 times in quick succession.

The status LED blinks green on the Puck.

NOTE: If the Puck is located behind the mechanical double push button, the status LED is not visible.



The shutter moves up and down for a few times. The status LED stops blinking green on the Wireless switch and the Puck. The Puck can now be controlled by the Wireless switch.

Related Topics

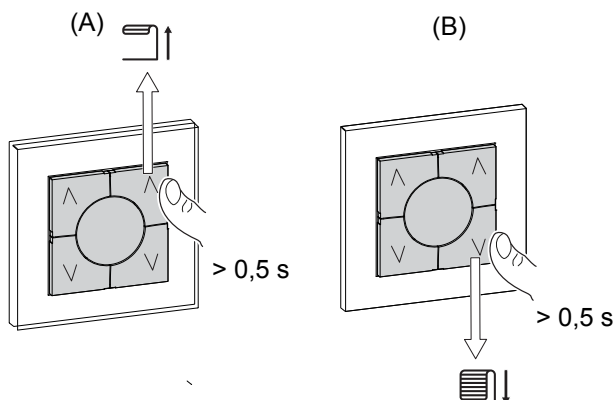
- Quick Home Connect (Parent Topic)

Operating a Shades Control

You can operate the shades control using the Wireless switch.

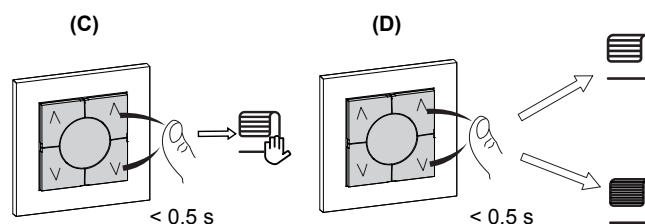
Long press the top (Λ) or bottom (V) of the Wiser Wireless switch (> 0,5 s) to move the shades control up or down.

- Press to open the shades control (A)
- Press to close the shades control (B)



- Short press the top (Λ) or bottom (V) of the Wireless switch (< 0,5 s) to stop the moving shades control (C).

- Short press the top (Λ) or bottom (v) of the Wireless switch (< 0,5 s) to adjust the slat position (D).



Related Topics

- Quick Home Connect (Parent Topic)

Resetting the device in Quick Home Connect

It is necessary to reset the devices in the following scenarios:

- Unpair the device in Quick Home Connect:
- Refer to
 - Resetting the Wireless switch
 - Resetting the device, page 59
- **Integrating into ELKO System**
 - If you wish to integrate the devices into Wiser Home System, reset all the devices in Quick Home Connect and refer to pairing the device with Wiser Hub.

Related Topics

- Quick Home Connect (Parent Topic)

LED Indications in Quick Home Connect

Pairing the device in Quick Home Connect

User Action	LED Indication	Status
Press the push button 5 times in quick succession.	LED blinks green, once per second. 	Pairing mode is active for 60 seconds. When pairing is completed, LED stops blinking. 

Related Topics

- Quick Home Connect (Parent Topic)

Troubleshooting in Quick Home Connect

Symptom	Possible cause	Solution
LED displays amber on the device.	Pairing not completed and returned to factory reset.	Pair the Wireless switch and the device again. Refer to • SmartBlind puck, page 11
Wireless switch not able to control the device reliably.	The Wireless switch and the device are too far away from each other.	Place the Wireless switch in a position closer to the device.

	The Wireless switch lost pairing	Pair the device again. Refer to • SmartBlind puck, page 11
	The Wireless switch battery is discharged.	Replace the battery of the Wireless switch

Scenario	Procedure
Control multiple devices with one Wireless switch.	To centralize control with one Wireless switch, first pair it with already connected devices. Then, pair the new device to existing group/network.
2-gang Wireless switch with devices (smartswitch smartrelay puck, smart blinds puck, multiwire puck dimmer, push-button dimmer, rotary dimmer, smart blinds push or smart socket).	Pair either left or right Wireless switch with any of the devices (smartswitch smartrelay puck, smart blinds puck, multiwire puck dimmer, push-button dimmer, rotary dimmer, smart blinds push or smart socket). You can also pair another rocker of the Wireless switch with another device.

Related Topics

- Quick Home Connect (Parent Topic)

Pairing the device with the Wiser Hub

Using the Wiser Home app, pair your Puck with the **Wiser Hub** to access and control the Puck.

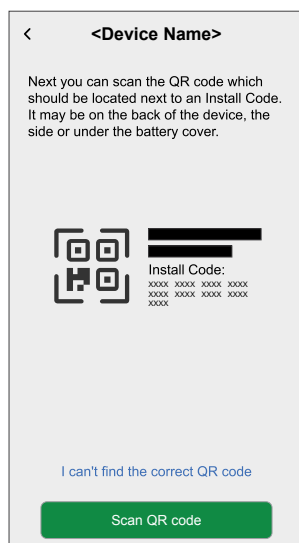
1. On the Home screen, tap .
2. Tap **Devices** >  and tap **Shutters** > **Micromodule Switch**.

TIP: You can also navigate by tapping **Control** tab >  > **Shutters** > **Micromodule Switch**.

NOTE: The next screen shows the joining process of **Puck**.

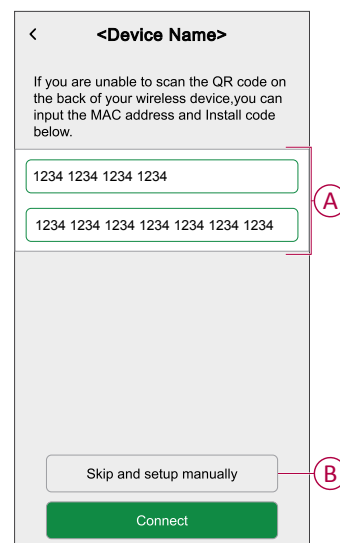
3. Tap **Scan QR code** and allow the Wiser Home app to access your camera. Then, scan the QR code located on the puck.

NOTE: If you are unable to find the correct QR code, tap **I can't find the correct QR code** to pair the puck manually and proceed to step 4.



If the QR code is incorrect, a message **Incorrect QR code scanned** will appear. Tap **I can't scan the QR code** and choose one of the following options:

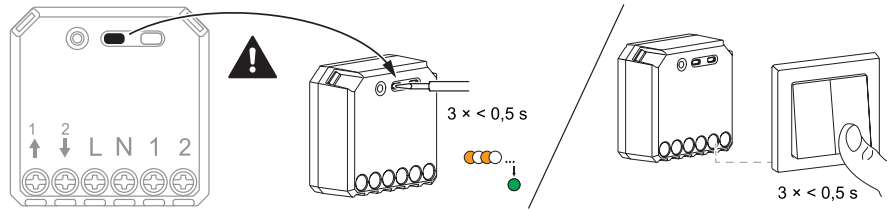
- **(A):** Enter the **Mac Address/EUI-64** and **Install Code**, then tap **Connect**. The app will verify if the Mac Address/EUI-64 and Install code are valid.
- **(B):** Tap this option if you are unable to find the Mac Address/EUI-64 and Install code.



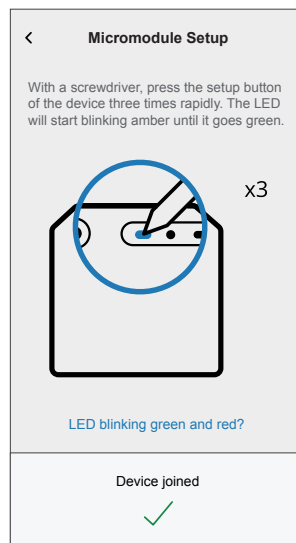
4. Tap **Next** and select any one of the options to add the puck:

- Short press the setup/reset button 3 times on the Puck with a screwdriver and make sure the LED blinks amber.
- Short press the push button 3 times.

NOTE: If the puck is located behind the push button, the status LED is not visible.



Wait for a few seconds until the LED turns green and the app confirms that the device is joined.



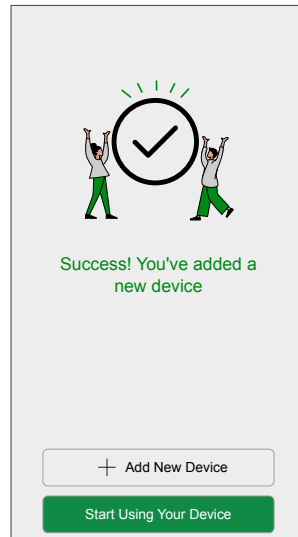
5. Tap , to enter the name of the puck.

6. Tap **Next** and assign the puck to a new room or an existing room and tap **Submit**.

IMPORTANT: The next screen shows the **Device Settings** page, where you have the option to configure the settings during the pairing process or at a later time. If you prefer to configure it later, tap **Submit**. For more information on device settings, *Configuring the device*, page 17 refer to section.

After you pair the device, a success screen appears with the following options:

- **+ Add New Device:** Tap to continue pairing more devices.
- **Start Using Your Device:** Tap to start using the paired device.



NOTE: The success screen appears only if you are logged in as a **Home Owner**.

Related Topics

- ELKO Smart Blinds Puck (Parent Topic)

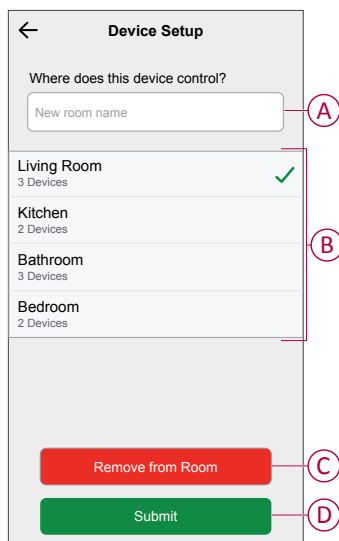
Configuring the device

Setting the device location

You can add your device to any room (such as bedroom, living room, dining room etc.).

1. On the **Home** screen, tap .
2. Tap **Devices**, select the device from the list for which you wish to change the location.
3. Tap **Location**  to open setup screen.

- On the **Device Setup** screen, you can enter **New room name** (A) or select an existing room from the list (B).



TIP: If the device is already assigned, you can remove it from the existing room. Tap **Remove from Room** (C).

- Once changes are done, tap **Submit** (D).

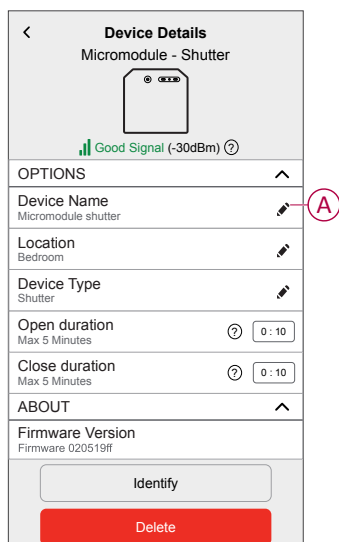
Related Topics

- Configuring the device (Parent Topic)

Renaming the device

Rename the device using the Wiser Home app.

- On the Home screen, tap .
- Tap **Devices > Micromodule Shutter > Device Name** (A) to rename the device.



Related Topics

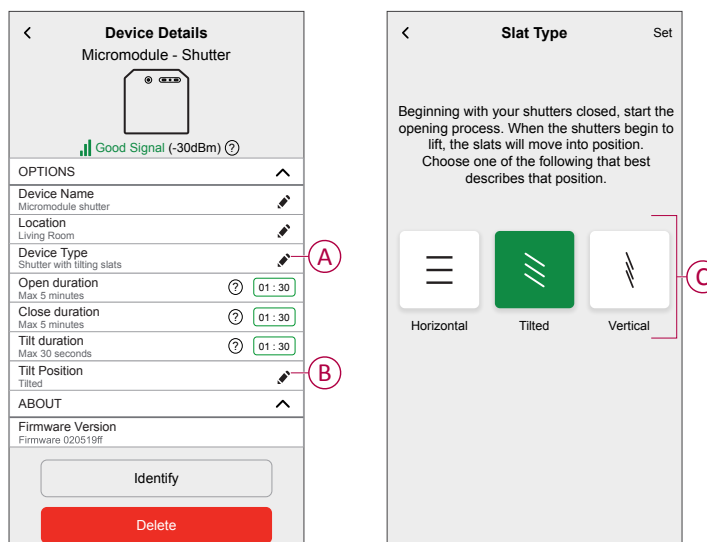
- Configuring the device (Parent Topic)

Selecting device type

Using the Wiser Home app, you can change the device type according to your need.

NOTE: The device type was selected as **Shutter** when pairing with the **Wiser Hub**. You can change the device type as **Shutter with tilting slats** if it has a tilt function.

- On the Home screen, tap .
- Tap **Devices > Shutters > Micromodule shutter**.
- Tap  (A) and select a device type.
- If the device type is selected as **Shutter with tilting slats**, tap  (B) and select a slat type (C).
- Tap **Set**.



Related Topics

- Configuring the device (Parent Topic)

Setting the configure duration

Each shutter motor varies in the time it takes to complete the opening/closing movement (i.e., edge to edge). Therefore, the opening/closing time of the shutter must be determined in the app.

To determine the configured duration, manually open/close the shutter.

- Record the time it takes to open/close the shutter completely.
- Record the time it takes to rotate the slats completely from closed to open position for shutter with tilting slats.

For more information refer to [Testing the device](#), page 10.

Follow the procedure according to your shutter type:

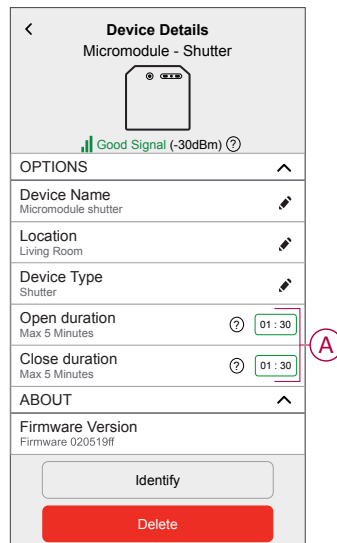
- Shutter, page 20
- Shutter with tilting slats, page 20

Related Topics

- Configuring the device (Parent Topic)
- Shutter
- Shutter with tilting slats

Shutter

1. On the Home screen, tap .
2. Tap **Devices > Shutters > Micromodule shutter**.
3. Tap **Open duration/Close duration** (A) and enter the recorded shutter opening/closing time.



Related Topics

- Setting the configure duration (Parent Topic)

Shutter with tilting slats

1. On the Home screen, tap .
2. Tap **Devices > Shutters > Shutter with tilting slats**.
3. Tap **Open duration/Close duration** (A) and enter the recorded shutter opening/closing time.

4. Tap (B) and enter the slat tilt duration according to the tilt position.

IMPORTANT: The minimum value to set the default time for Tilt duration is 01.00 s. If you set a value less than 01.00 s, it will not be saved.

The screenshot shows the 'Device Details' screen for a 'Micromodule - Shutter'. At the top, there's a signal strength indicator showing 'Good Signal (-30dBm)'. Below this, the 'OPTIONS' section contains several settings: 'Device Name' (Shutter stat), 'Location' (Living Room), 'Device Type' (Shutter with tilting slats), 'Open duration' (01:30), 'Close duration' (01:30), 'Tilt duration' (01:30), and 'Tilt Position' (Tilted). The 'ABOUT' section shows the 'Firmware Version' (020519ff). At the bottom, there are 'Identify' and 'Delete' buttons. Red boxes and labels 'A' and 'B' are used to highlight specific fields: 'A' points to the 'Open duration' and 'Close duration' fields, and 'B' points to the 'Tilt duration' field.

Related Topics

- Setting the configure duration (Parent Topic)

Shutter calibration with Wiser app

The shutter motor is supplied in an uncalibrated state. Each shutter motor varies in the time it takes to complete the opening/closing movement (i.e., edge to edge).

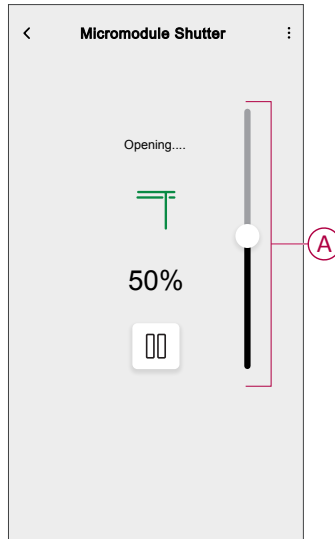
IMPORTANT:

- It is necessary to select the device type and set the open/close duration before proceeding with shutter calibration. Refer to [Selecting device type](#), page 19 and [Setting configure duration](#), page 19.
- Do not use the shutter either manually or on the app during calibration to avoid interruption.
- Follow the procedure for shutter calibration according to the device type: **Shutter** or **Shutter with tilting slats**.

Shutter

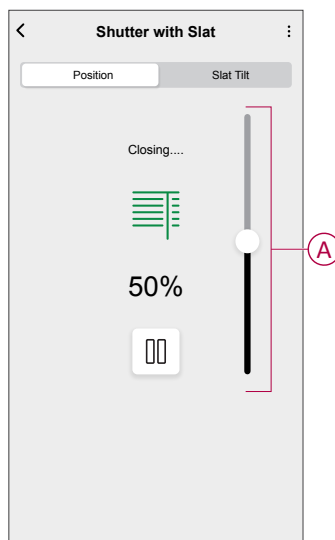
1. After setting the open/close duration, go to the **Control** tab, and tap **All** devices or the room tab where the device is located.
2. On the device control screen, drag the sliding bar up/down to set the desired shutter opening percentage (A).

The shutter opens completely and then it reaches to the desired position set in step 2. The shutter is now calibrated.

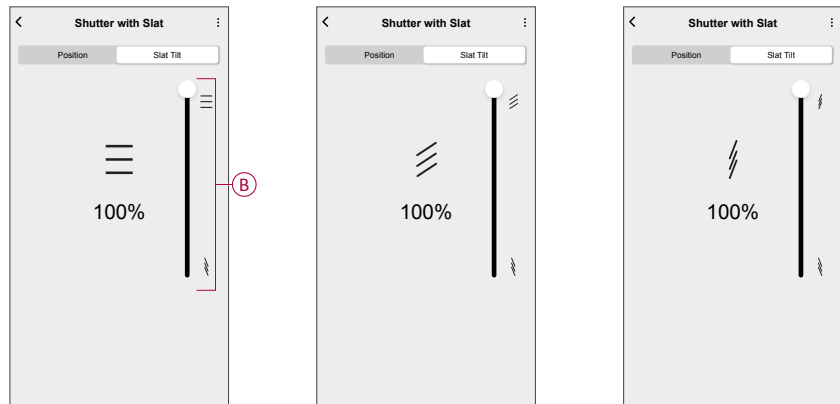


Shutter with tilting slats

1. On the **Control** tab, tap **All** devices or the room tab where the device is located.
2. On the device control screen, in the **Position** tab, drag the sliding bar up/down to set the desired shutter opening percentage (A).



3. Tap **Slat Tilt**, drag the sliding bar up/down to set the desired shutter opening percentage (B) according to any one of the following tilt position:
- Horizontal
 - Tilted
 - Vertical



Related Topics

- [Configuring the device \(Parent Topic\)](#)

Seasonal Comfort Mode

The seasonal comfort mode uses the predicted temperature of a location or information from the light and temperature sensors to determine the temperature of a room and maintain a desired temperature in it by opening or closing the shutters.

It is a solution that efficiently maintains the desired temperature of a room in all seasons:

- Winter: In winters, the shutters stay open during days and close after sunset. This uses the maximum natural heat to maintain the desired room temperature.
- Summer: In time summers, the shutters close during the day such that the desired temperature is maintained in a room while allowing a good level of light inside the room.
- Mid-seasons: In seasons other than summer or winter:
 - If the highest temperature of a day reaches 22° C or above, the seasonal comfort mode operates the shutters the same as in summers.
 - If the highest temperature of a day is below 22° C, the seasonal comfort mode operates the shutters the same as in winters.

The Seasonal Comfort Mode adapts its operation based on the devices available in your system, offering three levels of algorithm efficiency. Each level improves the comfort and energy savings by integrating additional data sources:

- Basic level - Control based on time & geographical location:
At this level, it uses your home's geographical location and the time of day to manage shutters automatically based on the estimated sunrise and sunset times. This maintains the optimum light and temperature at home. This level is ideal for users who want a simple, automated solution without additional sensors.
- Enhanced Level - Temperature - Driven Optimization:
At this level, it uses the local indoor and outdoor temperature in addition to the time and your home's geographical location. It manages the shutters dynamically based on the real-time temperature conditions to improve comfort.
- Advanced Level - Best-in-class optimization with light sensors:
At this level, it further improves the shutter management by using the real-time light intensity measured by the outdoor motion sensors and the indoor and outdoor temperature.

It offers maximum efficiency by adapting shutter movements based on actual temperature and natural light, rather than relying only on the estimated sunrise/sunset times.

TIP: Choosing the right level for shutter operation:

The Seasonal Comfort Mode adapts to the devices installed in your system. Even if you don't have all the required sensors, you can still benefit from the feature at a basic level. This flexible approach ensures that you can experience optimized comfort and energy efficiency, regardless of your system setup.

However, for the best results, we recommend using the full set of compatible devices.

NOTE: The seasonal comfort mode performs accurately when the indoor and outdoor temperature sensors (Temperature/Humidity Sensor) and outdoor motion sensors are installed at home.

IMPORTANT: The IP rating of the sensors used for the seasonal comfort mode are as follows:

Sensors	IP rating
Outdoor Motion Sensor	IP66 - Sensor is protected against dust and water ingress.
Temperature/Humidity Sensor	IP20 - Sensor is protected against solid objects of size more than 12mm.

Therefore, they should be installed at a suitable location at home.

Related Topics

- Configuring the device (Parent Topic)

Configuring the seasonal comfort mode

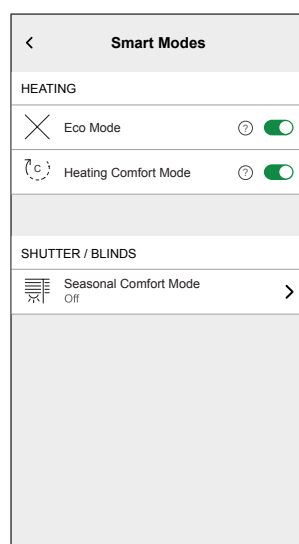
Using the Wiser Home app, you can configure the seasonal comfort mode to define the desired temperature and location of the shutters and sensors in the home.

Pre-requisite:

- Shutters must be installed at home.
- Add your address to the account. Tap  > **Account > My Home**.
- Calibrate your shutters. Refer to [Shutter calibration](#), page 21 or [Shutter calibration with tilting slats](#), page 21 based on the shutter type.
- The Outdoor Motion Sensor detects light and external temperature.
- Make sure that the Outdoor Motion Sensor is facing towards the floor and not facing the sun.

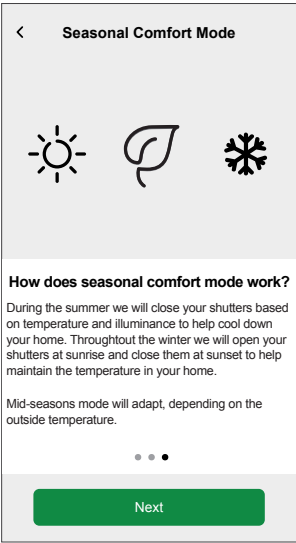
To configure the seasonal comfort mode:

1. On the **Home** screen, tap  > **Smart Modes > Seasonal Comfort Mode**.

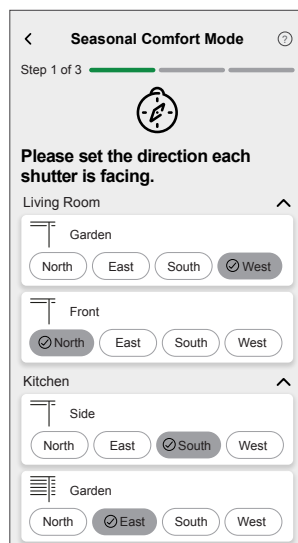


Details about the seasonal comfort mode are displayed.

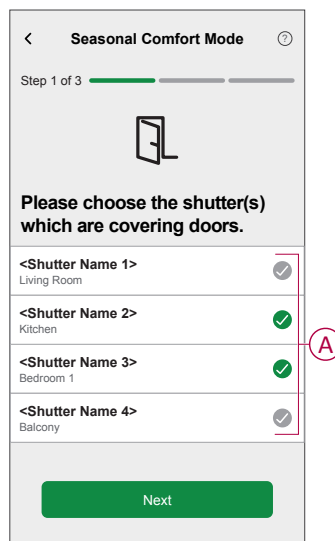
2. Swipe left to see the additional details and tap **Next > Continue** to start configuring the seasonal comfort mode.



3. Define the orientation in which the shutters are installed at home:
 - a. Select the orientation in which each shutter is installed at home and tap **Next**.



- b. If any shutter is covering a door, tap **Yes I have shutters over a door**.
TIP: If no shutter is covering a door or you have an alternative way to enter your home, tap **No, next step** and continue with step 4. In this case, the seasonal comfort mode close the shutters fully while you're outside.
 - c. Select the shutters covering the doors from the list (A) and then tap **Next**.



The selected shutters will close up to 50% in order to make sure that you do not get locked out when doors are covered by shutters.

4. Set the desired inside and outside discomfort temperatures and then tap **Next**.

Seasonal Comfort Mode ⓘ

Step 2 of 3

Please choose Your discomfort temperatures.

INDOOR DISCOMFORT TEMPERATURE

24°

25°

26°

OUTSIDE DISCOMFORT TEMPERATURE

26°

27°

28°

Next

NOTE: Discomfort temperature refers to a temperatures above which an individual feels uncomfortable. When the ambient temperature raises above the set inside and outside discomfort temperatures, the seasonal comfort mode closes the shutters to maintain the indoor temperature. Maintaining a comfortable indoor temperature helps improve well-being and productivity.

5. Select the orientation in which the light sensors and the outside temperature sensors are installed at home:
 - a. Select the orientation in which the light sensors are installed and tap **Next**.

Seasonal Comfort Mode

Step 3 of 3

Please set the direction your light sensors are facing. (Optional)

Back Balcony

<Sensor Name>

North East South West

Side Balcony

<Sensor Name>

North East South West

Next

NOTE: If the light sensors are not installed, this page will not appear.

- b. Tap **Yes** to select the orientation of the outside temperature sensors.

Outside Temperature Sensors

Do you currently have any temperature sensors installed outside?

No Yes

Seasonal Comfort Mode

Step 3 of 3

Please make sure environmental conditions are compatible with the sensor considered. You can check the user manual for further detail.

Please set the direction your outside temperature sensors are facing. (Optional)

Back Balcony

<Temp and Hum Sensor 1>

North East South West

Side Balcony

<Outdoor Motion Sensor 1>

North East South West

Next

NOTE: You can tap **No** if the outside temperature sensors are not installed.

6. Tap **Next** to define the time when the seasonal comfort mode will **BEGIN AT** and the time when it will **FINISH AT**.

Seasonal Comfort Mode

Step 3 of 3

Please select when you would like your seasonal comfort mode to begin and finish.

BEGIN AT

-10 minutes
Sunrise
+10 minutes

FINISH AT

-10 minutes
Sunset
+10 minutes

Next

NOTE: You can start and stop the seasonal comfort mode some time before or after the sunrise/sunset.

This improves the accuracy of the settings when light sensors are not installed and your building is blocked by another building or a mountain that obstructs the sunlight from reaching your location.

7. Tap **Next**.

If all the rooms in the home have temperature sensors, configuration of the seasonal comfort mode is done.

8. If shutters are available in rooms without temperature sensors, you can control those shutters as follows:

NOTE: Wiser Home app displays the rooms without temperature sensors in list (B).

Seasonal Comfort Mode

We have noticed you have shutters setup in rooms that do not have a temperature sensor or thermostat.

To be able to close these shutters, you can choose another room's temperature.

You can also choose not to set this and we will close the shutters in these rooms based on the outside temperature and light levels.

Bedroom 1	>
Bedroom 2	>
Kitchen	>

Next

- Select a room from the list (B) and tap **Next**.
 - You can use one of the following as a reference temperature for the selected room:
 - Temperature detected by temperature sensor of another room.
 - Average temperature detected by all the temperature sensors at home.
- A. To use the temperature of another room as the reference temperature:
- Select a room from the list (C).

NOTE: The temperature of the selected room will be considered as the reference temperature.

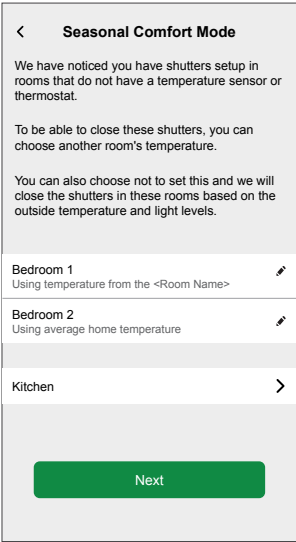
< **Seasonal Comfort Mode**

Which other room in your home would you like to use to record the temperature for <Room Name>?

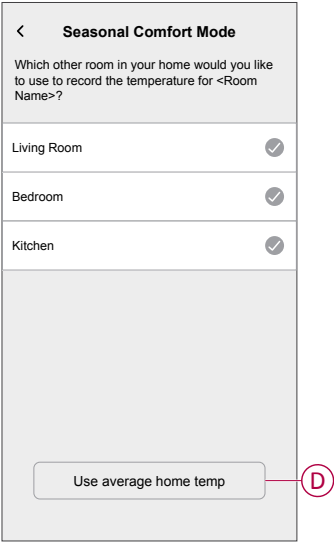
Living Room	✓
Bedroom	✓
Kitchen	✓

Use average home temp

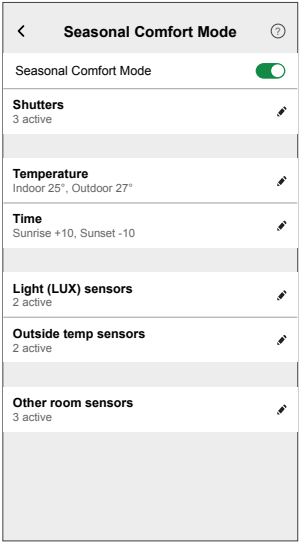
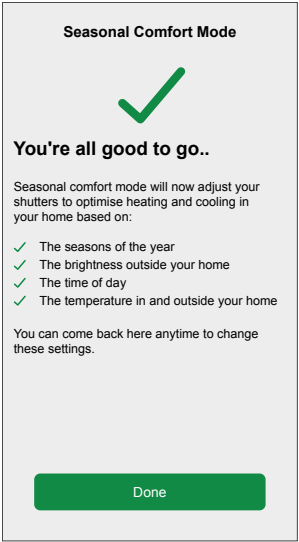
- Go back to the previous page and tap **Next** to complete the setup.



- B. To use the average temperature detected by all the temperature sensors as the reference temperature:
1. Tap **Use average home temp** (D).



2. Tap **Yes, i'm sure** to complete the setup.
- c. Tap **Done** to see the updated configuration.



Seasonal comfort mode has been successfully configured. Your supported devices will now be adjusted to optimize heating and cooling in your home.

Setting the seasonal comfort mode

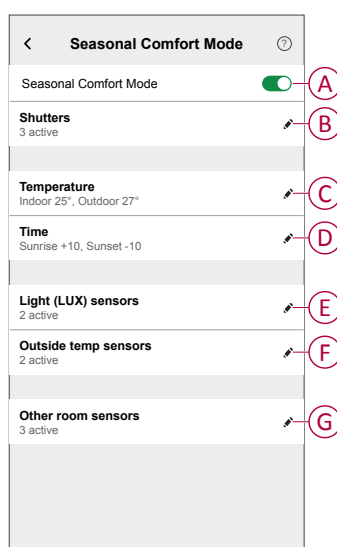
Using the Wiser Home app, you can change the configuration of the seasonal comfort mode.

Pre-requisite:

- Calibrate your shutters. Refer to [Shutter calibration](#), page 21 or [Shutter calibration with titling slats](#), page 21 based on the shutter type.

On the **Home** screen, tap  > **Smart Modes** > **Seasonal Comfort Mode**.

The **Seasonal Comfort Mode** set-up page is displayed, where you can update the following configurations:



To change the configuration of the seasonal comfort mode:

A	Seasonal Comfort Mode: Tap the toggle switch to turn the seasonal comfort mode ON/OFF.
B	Shutters: Tap to change the orientation and location of the shutters in the Wiser Home app. Refer to Changing the shutter orientation and location , page 34 for more details.
C	Temperature: Tap to change the threshold inside and outside temperatures in the Wiser Home app. Refer to Setting the threshold temperature , page 35 for more details.
D	Time: Tap to change the start and end time of the seasonal comfort mode in the Wiser Home app. Refer to Setting the start and end time , page 35 for more details.
E	Light (LUX) sensors: Tap to change the orientation of the light sensors in the Wiser Home app. Refer to Changing the orientation of the light sensors , page 36 for more details.
F	Outside temp sensors: Tap to change the orientation of the outside temperature sensors in the Wiser Home app. Refer to Changing the orientation of the outside temperature sensors , page 37 for more details.
G	Other room sensors: Tap to manage the shutter operation without temperature sensors. Refer to Managing the shutter operation without temperature sensor , page 38 for more details.

Related Topics

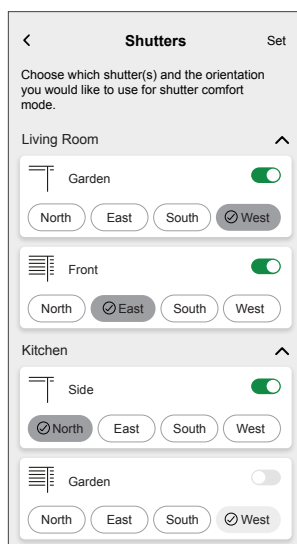
- Changing the shutter orientation and location
- Setting the threshold temperature
- Setting the start and end time
- Changing the orientation of light sensors
- Changing the orientation of outside temperature sensors
- Managing shutter operation without temperature sensor

Changing the shutter orientation and location

You can change the orientation and location of the shutter in Wiser Home app.

To change the orientation and location of the shutters:

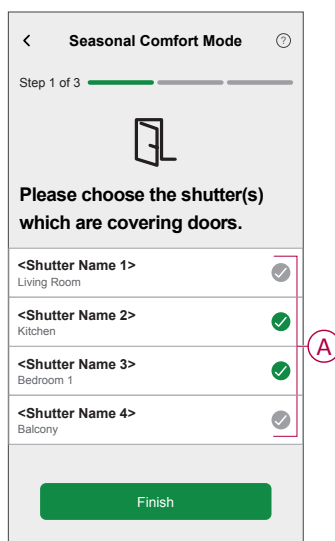
1. In the **Seasonal Comfort Mode** set-up page, tap **Shutters**.
2. Update the orientation of the shutters and tap **Set**.



3. If any shutter is covering a door, tap **Yes I have shutters over a door** to define its location.

NOTE: If no shutters cover a door, tap **No**.

4. Select the shutters covering the doors from the list (A) and tap **Finish**.



Related Topics

- Setting the seasonal comfort mode (Parent Topic)

Setting the threshold temperature

Using the Wiser Home app, you can define the inside and outside temperature of a room above which the shutters shall close.

To set the threshold inside and outside temperature:

1. In the **Seasonal Comfort Mode** set-up page, tap **Temperature**.

< Temperature Set

Your Summer Comfort Mode will be activated when both your Indoor and Outdoor Discomfort Temperatures have been met for this room or location.

INDOOR DISCOMFORT TEMPERATURE

24°
25°
26°

OUTSIDE DISCOMFORT TEMPERATURE

26°
27°
28°

2. Set the inside and outside desired temperatures and tap **Set**.

Related Topics

- Setting the seasonal comfort mode (Parent Topic)

Setting the start and end time

Using the Wiser Home app, you can define the start and end time of the seasonal comfort mode.

To set the start and end time of the seasonal comfort mode:

1. In the **Seasonal Comfort Mode** set-up page, tap **Time**.

2. Select the time when the seasonal comfort mode will **BEGIN AT** and the time when it will **FINISH AT**.

NOTE: You can start and stop the seasonal comfort mode some time before or after the sunrise/sunset.

3. Tap **Set**.

Related Topics

- Setting the seasonal comfort mode (Parent Topic)

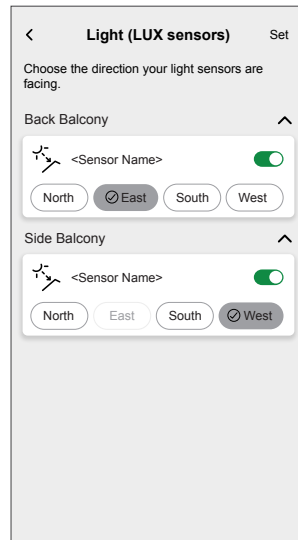
Changing the orientation of light sensors

You can change the orientation of the light sensors in the Wiser Home app.

To change the orientation of the light sensors:

1. In the **Seasonal Comfort Mode** set-up page, tap **Light (LUX) sensors**.
2. Tap  to see the available light sensors in Wiser Home app.

3. Select the orientation in which the light sensors are facing and tap **Set**.



Related Topics

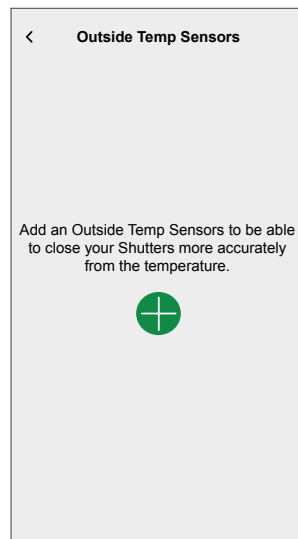
- Setting the seasonal comfort mode (Parent Topic)

Changing the orientation of outside temperature sensors

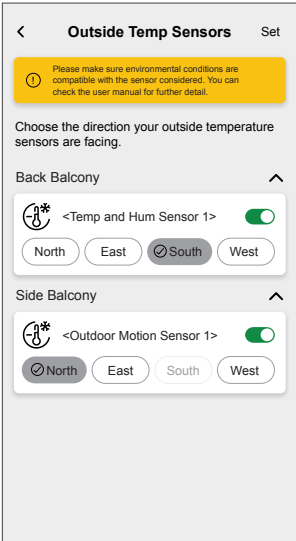
You can change the orientation of the outside temperature sensors in the Wiser Home app.

To change the orientation of the outside temperature sensors:

1. In the **Seasonal Comfort Mode** set-up page, tap **Outside temp sensors**.
2. Tap  to see the available outside temperature sensors in Wiser Home app.



3. Select the orientation in which the outside temperature sensors are facing and tap **Set**.



Related Topics

- Setting the seasonal comfort mode (Parent Topic)

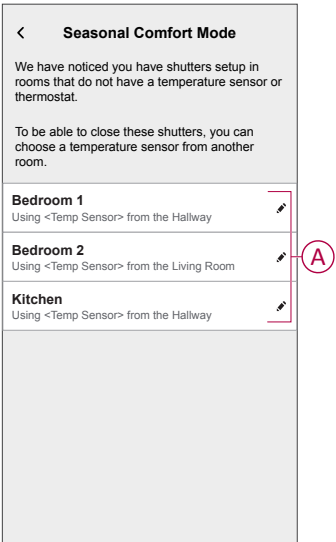
Managing shutter operation without temperature sensor

Using the Wiser Home app, you can manage the shutter operation of a room where no temperature sensor is installed.

To define the reference temperature:

1. In the **Seasonal Comfort Mode** set-up page, tap **Other room sensors**.

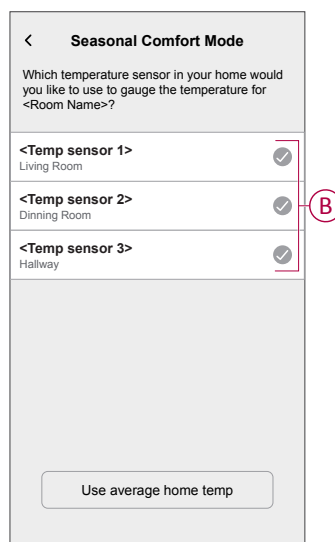
NOTE: Wiser Home app displays the rooms without temperature sensors in list (A).



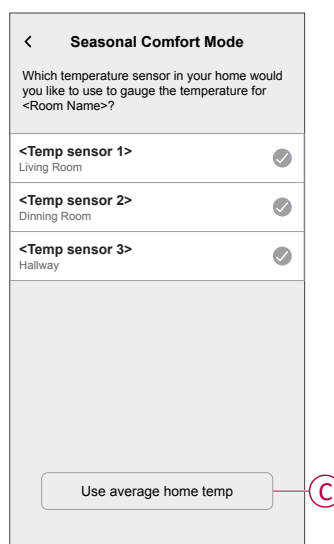
2. Select a room from the list (A).

3. You can use one of the following temperatures as a reference temperature for the selected room:
 - Temperature detected by temperature sensor of another room.
 - Average temperature detected by all the temperature sensors at home.
- A. To use the temperature of another room as the reference temperature select a room from the list (B).

NOTE: The temperature of the selected room will be considered as the reference temperature.



- B. To use the average temperature detected by all the temperature sensors as the reference temperature:
 1. Tap **Use average home temp** (C).



2. Tap **Yes, i'm sure**.

Related Topics

- Setting the seasonal comfort mode (Parent Topic)

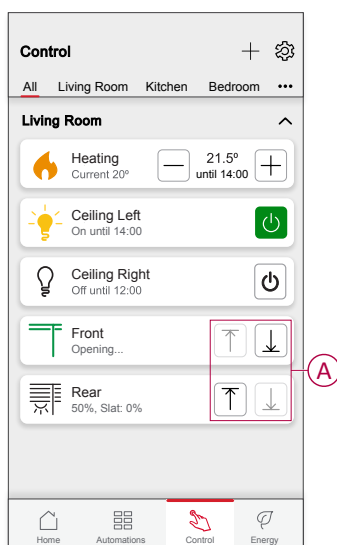
Pausing the seasonal comfort mode

Using the Wiser Home app, you can set the shutter position and pause the seasonal comfort mode for some time.

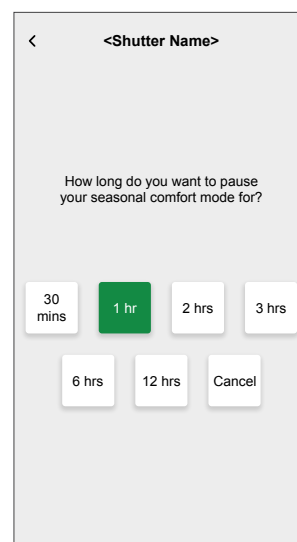
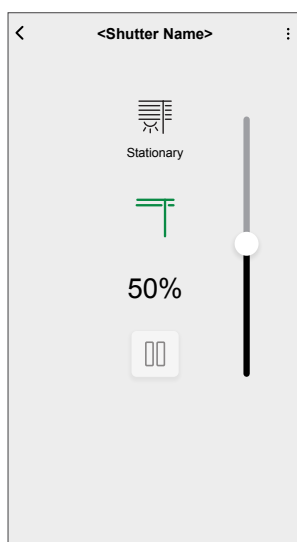
To pause the seasonal comfort mode:

1. On the **Control** tab, select the shutter for which you want to pause the seasonal comfort mode.

TIP: Tap up/down button (A) to move the shutter to required position.



2. Tap the pause button to select the time for which you want to pause the seasonal comfort mode.



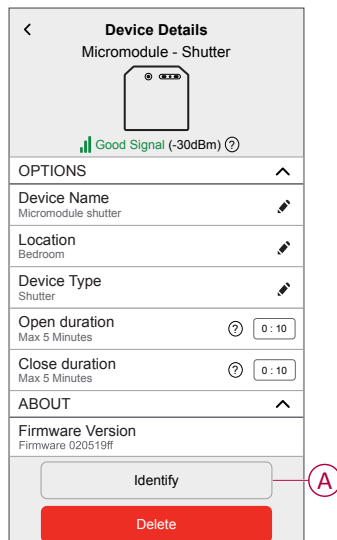
TIP: You can tap **Cancel** at any time to stop the pause.

IMPORTANT: If you manually override the shutter, the system will pause for 1 hour from the time of the first manual adjustment. However, we recommend to pause the seasonal comfort mode using the Wiser Home app.

Identifying the device

Using the Wiser Home app, identify the Puck among the devices available in a home.

1. On the Home screen, tap .
2. Tap **Devices > Shutters > Micromodule Shutter** or **Shutter slat > Identify (A)**.



The status LED blinks red and the shutter opens/closes gradually, upon successful identification of the Puck or shutter slat.

3. Tap **OK** to finish identifying the device.

Related Topics

- [Configuring the device \(Parent Topic\)](#)

Using the device

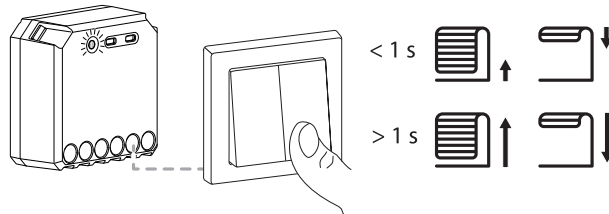
Related Topics

- ELKO Smart Blinds Puck (Parent Topic)
- Manual operation
- Opening/Closing the shutter using app
- Setting up a schedule
- Creating a moment
- Creating an automation
- Voice control

Manual operation

When the Puck is connected to a mechanical double push-button switch, the shutter can be controlled manually.

- Short press the push button once, the shutter opens/closes gradually.
- Press and hold the push button, the shutter opens/closes fully.

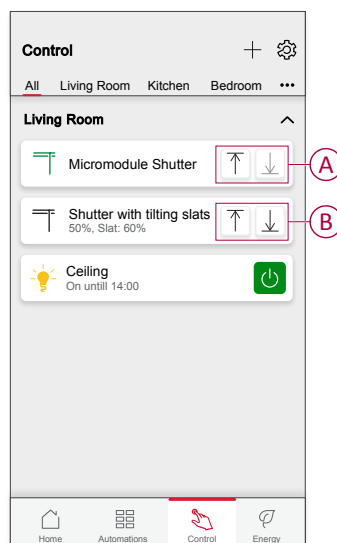


Related Topics

- Using the device (Parent Topic)

Opening/Closing the shutter using app

1. Go to the Control tab, tap **All** devices or a room tab where the shutter is located.
2. Tap   (A) or (B) to open/close the shutter or shutter with tilting slats.



Related Topics

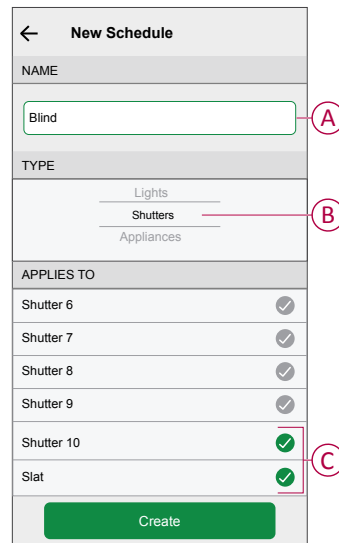
- Using the device (Parent Topic)

Setting up a schedule

The shutter can be controlled and triggered by a schedule. Once the schedule is set, your system will follow the active schedule. You can create or modify the schedules at any time. The devices can be fully controlled by schedule. Once the schedule is set, the devices operates at a given time.

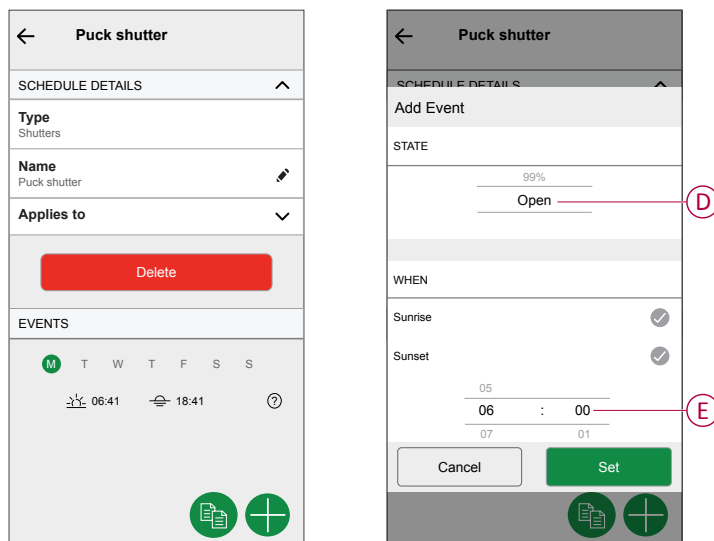
To create a schedule:

1. On the **Home** screen, tap  > **Schedules** > .
2. Enter a name of the schedule (A).
3. Select a device type (B).
4. Select the list of devices (C) to which the schedule must apply.
5. Tap **Create**.



6. Tap  to add an event.

7. Select a state (Open/Closed/percentage) (D), time period (E) and tap **Set**.



TIP:

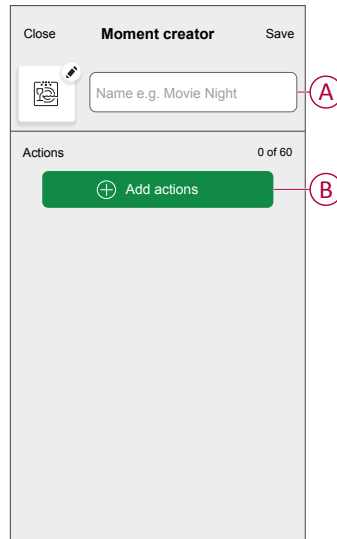
- You can add multiple schedules based on your requirement. Select days, tap , set on/off state and time.
- You can copy the existing schedule to another schedule or to the days of your choice. Tap .
 - Tap **Schedule** and select an existing schedule and tap **Copy**.
 - Tap **Day** and select the days you want to assign and tap **Copy**.
 - When the schedule begins, you can see the until time on the **Control** tab under the device name.
- On the top-right screen, tap  and select **Follow Schedule** toggle switch to turn On/Off the schedule.
- When the schedule begins, you can see the **until time** in the following screens:
 - Device Control Screen.
 - Control tab under the device name.
 - Favourite devices section on the home screen.

Related Topics

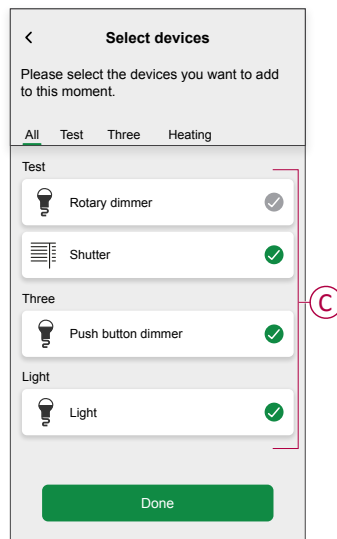
- Using the device (Parent Topic)

Creating a moment

1. On the **Home** screen, tap .
2. Go to **Moments** and then tap  to create a moment.
3. Enter the name of the moment (A).
TIP: You can choose the cover image that represents your moment by tapping .
4. Tap **Add actions** (B) to select the list of devices.



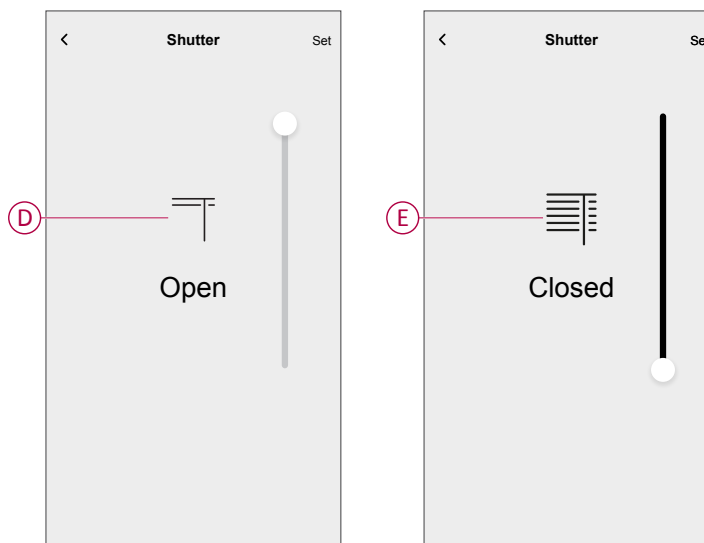
5. Select the devices (C) you want to set an action and tap **Done**.



6. On the **Moment creator** page, select any one of the following device and set actions.

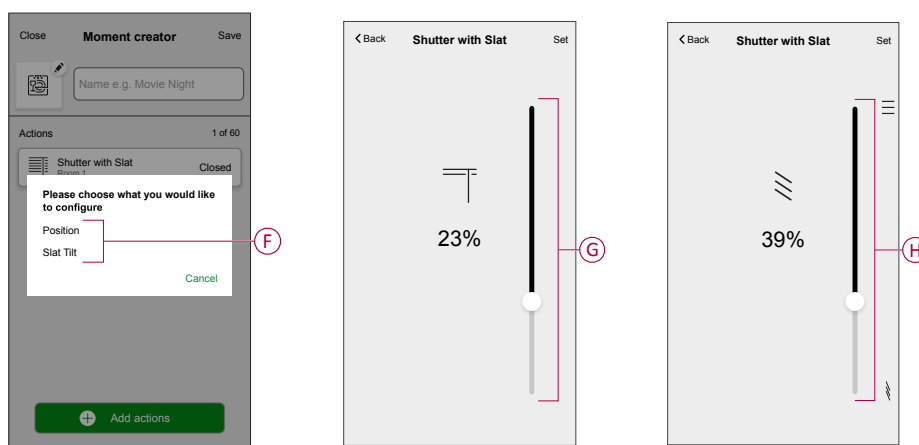
– **For shutter:**

- Drag the sliding bar up/down to open/close the shutter completely (D, E).
- Drag the sliding bar to keep the shutter in the preferred position.



– **For Shutter slat:**

- Select **Position** (F) and drag the sliding bar up/down to open/close the shutter (G).
- Select **Slat Tilt** (F) and drag the sliding bar up/down to adjust the tilt position of the shutter (H).



7. Tap **Set**.

8. Once all conditions are set, tap **Save**.

Once the moment is saved, it is visible on the **Moments** tab. You can tap on the moment to enable it.

TIP:

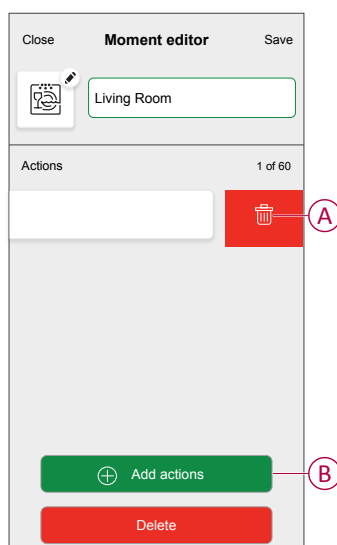
- If you want to see the created moments on the **Home** screen, go to **Home** >  > **Home Screen** > **Moments** and enable the **Moments** toggle switch.
- You can also rearrange the moments by tapping **Edit** from the **Moments** tab on the **Home** screen, or by tapping **Automation** > **Moments** > **Reorder**.

Related Topics

- Using the device (Parent Topic)
- Editing a moment
- Deleting a moment

Editing a moment

1. On the **Home** screen, tap **Automations** .
2. Go to **Moments**, locate the moment you want to edit and tap .
3. On the **Moment editor** screen, you can perform following changes:
 - Change the icon .
 - Rename the moment.
 - Tap each action to change the settings.
 - To remove an action, slide the action to the left and then tap  (A) to delete it.
 - Tap  **Add actions** (B) to add new action.



4. Tap **Save** to save the changes.

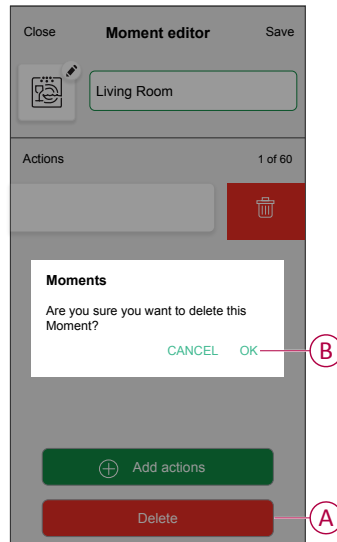
Related Topics

- Creating a moment (Parent Topic)

Deleting a moment

1. On the **Home** screen, tap **Automations** .
2. Go to **Moments**, locate the moment you want to delete and tap .

- On the **Moment editor** screen, tap **Delete** (A) and then tap **OK** (B).

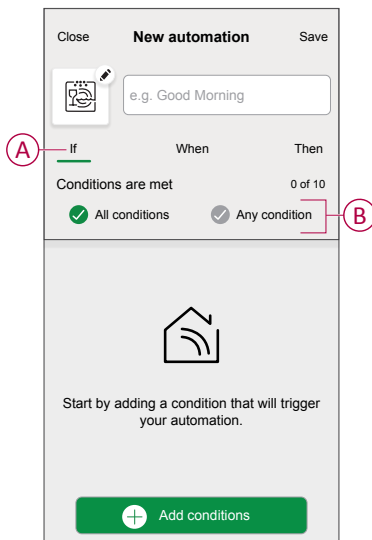


Related Topics

- Creating a moment (Parent Topic)

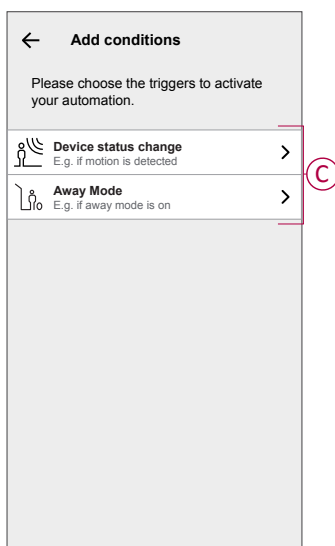
Creating an automation

1. On the Home screen, tap .
2. Go to **Automation** >  to create an automation.
NOTE: Maximum 10 automations can be added.
3. Tap  and choose an icon that best represents your automation.
4. Tap **If (A)** and select any of the following conditions (B):
 - **All conditions:** This triggers an action only when all conditions are met.
 - **Any condition:** This triggers an action when at least one condition is met.



5. Tap **Add conditions** and select any of the following (C):
 - **Device status change:** Select a device to enable automation.
 - **Away Mode: Enable / Disable** away mode to trigger an action.

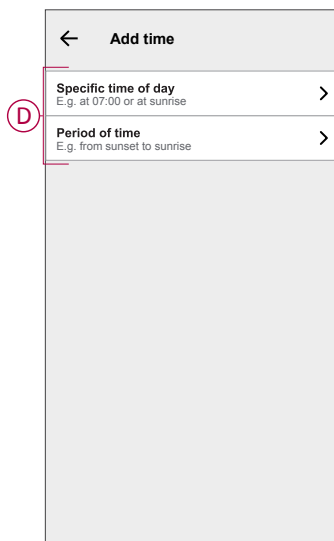
NOTE: Away mode can also be used as a trigger to turn off the lights, dimmer or closing the shutter etc. For more information refer to **Away** mode.



NOTE:

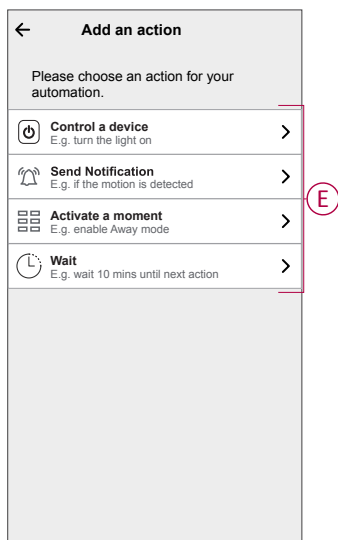
- Maximum 10 conditions can be added.
- To remove condition, swipe left and tap .

6. To set a specific time for your automation, tap **When > Add time** and select any of the following (D):
- **Specific time of the day:** Sunrise, Sunset, Custom
 - **Period of time:** Daytime, Night time, Custom



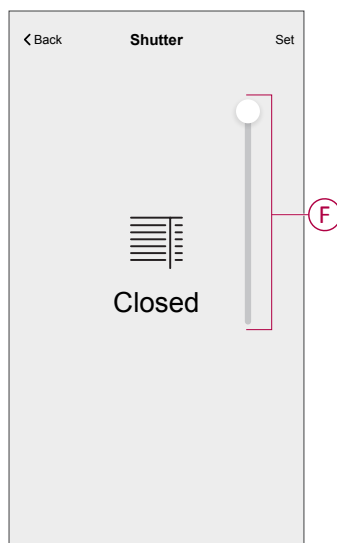
NOTE: To remove a specific time, swipe left and tap .

7. To add an action, tap **Then > Add an action** and select any of the following (E):
- **Control a device:** Select a devices that you want to trigger.
 - **Send notification:** Turn on the notification for the automation.
 - **Activate a moment:** Select the moment that you want to trigger.
 - **Wait:** This option allows you to add a delay in an automation sequence. You can set the wait time in increments of 1 hour and 1 minute, up to a maximum of 24 hours. This feature is useful for delaying actions within an automation.



8. Tap **Control a device** > **Micromodule Shutter**.

Set the required opening/closing percentage or fully open/closed state using the sliding bar (F), then tap **Set**.

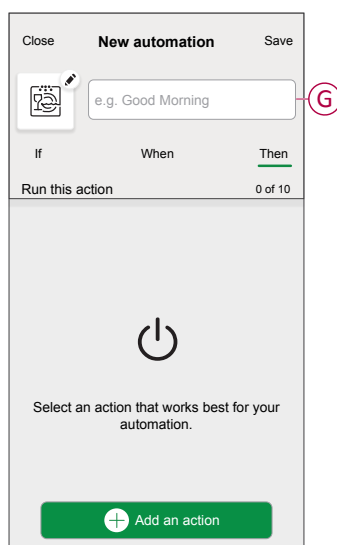


NOTE:

- Maximum 10 actions can be added.
- To remove an action, swipe left on the action and tap .

9. Enter the automation name (G).

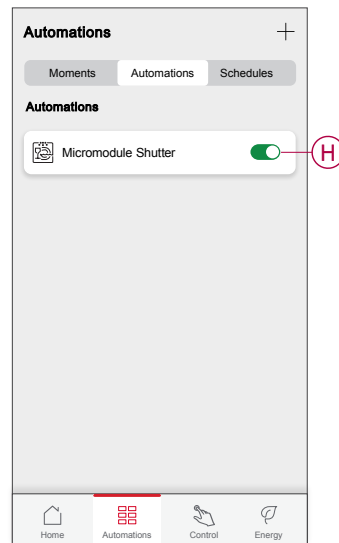
You can choose the cover image that represents your automation by tapping .



10. Tap **Save**.

Once the automation is saved, it is visible on the **Automation** tab.

Using the  (H) you can enable or disable the automation.



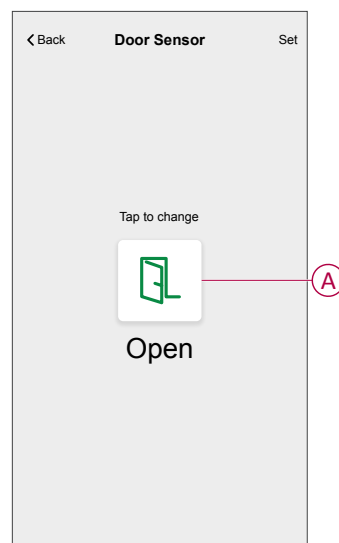
Related Topics

- Using the device (Parent Topic)
- Example of an automation
- Editing an automation
- Deleting an automation

Example of an automation

This demonstration shows how to create an automation that closes the Shutter when the Door is open during night time.

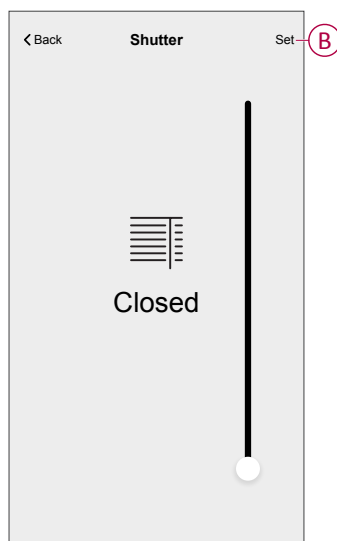
1. Go to **Automation** >  to create an automation.
2. To add a condition, tap **Add Condition** > **Device status change** > **Door Sensor**, tap (A) to **Open**, then tap **Set**.



3. Read the information and tap **OK**.
4. To set the time, tap **When** > **Add time** > **Period of time** > **Night time** > **Set**.

- To add an action, tap **Then > Add an action > Control a device > Micromodule Shutter > Set (B)**.

TIP: You can set the required opening/closing percentage or fully open/closed state using the sliding bar.

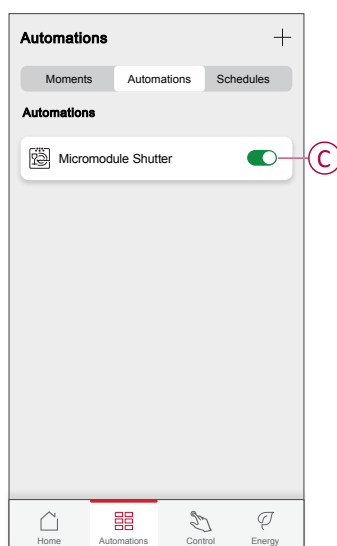


- Read the information and tap **OK**.
- Enter the name of the automation.

TIP: You can choose the cover image that represents your automation by tapping .

- Tap **Save**.
Once the automation is saved, it is visible on the **Automation** tab.

NOTE: You can enable or disable automations on the **Automation** tab by using  (C).

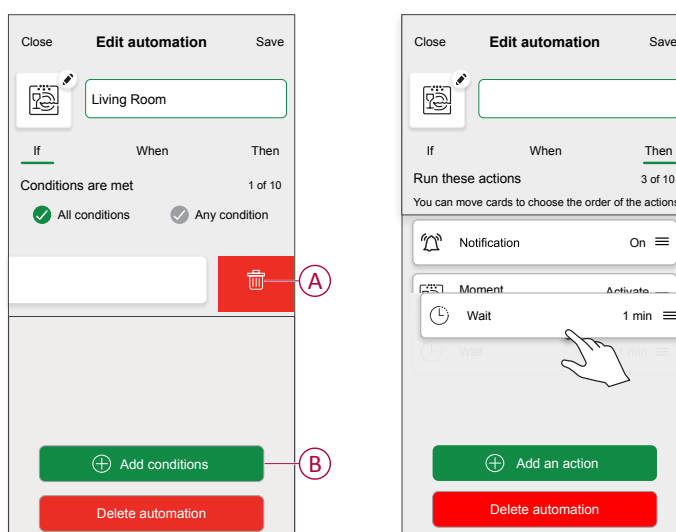


Related Topics

- Creating an automation (Parent Topic)

Editing an automation

1. On the **Home** screen, tap **Automations** .
2. Go to **Automation**, tap the automation you want to edit.
3. On the **Edit automation** screen, you can perform the following changes:
 - Change the icon .
 - Rename the automation.
 - Tap each condition to change the settings.
 - To remove a condition, slide the condition towards left and then tap  (A) to delete it.
 - Tap  **Add conditions** (B) to add new condition.
 - To change the order of actions, tap the **Then** option, and hold an action, then drag and drop to the desired position.



4. Tap **Save** to save the changes.

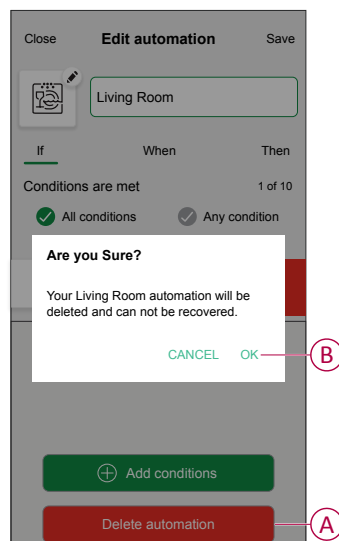
Related Topics

- Creating an automation (Parent Topic)

Deleting an automation

1. On the **Home** screen, tap **Automations** .
2. Go to **Automation**, tap the automation you want to delete.

- On the **Edit automation** screen, tap **Delete automation** (A) and read the confirmation message and then tap **OK** (B).



Related Topics

- Creating an automation (Parent Topic)

Voice control

Using Amazon Alexa™ or Google Home, you can control the device with your voice.

TIP: Use the device name you assigned during pairing. For example, the device name is added as .

Related Topics

- Using the device (Parent Topic)
- Google Home
- Amazon Alexa™

Google Home

You can use Google Assistant to request information or perform an action using a variety of commands.

Common Wiser commands for Google Home:

Related Topics

- Voice control (Parent Topic)

Amazon Alexa™

Amazon Alexa™ (Alexa) is an intelligent personal assistant developed by Amazon™, and is capable of voice interaction.

Common Wiser commands for Alexa

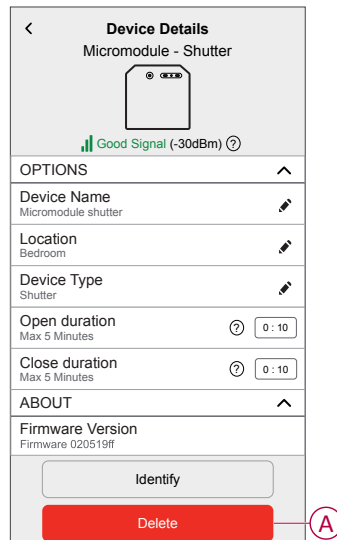
Related Topics

- Voice control (Parent Topic)

Removing the device from Wiser system

Using the Wiser app, you can remove the Puck from the system.

1. On the Home screen, tap .
2. Tap **Devices > Shutters > Micromodule Shutter** or **Shutter slat > Delete (A)**.



NOTE:

- Removing the device will reset the Puck. The LED starts blinking amber indicating that the Puck is ready to pair.
- If there is a problem while pairing or resetting the Puck, refer to [Resetting the device](#), page 59.

Related Topics

- ELKO Smart Blinds Puck (Parent Topic)

Resetting the device

You can reset the device to factory default manually.

Short press (<0,5 s) the Setup/Reset button 3 times and then long press the Setup/Reset button once for 10 s to reset the Puck to factory default mode.

or

Short press the push button 3 times and then long press the push button once for 10 s.

After 10 s, the LED starts blinking red and then release the operation button.

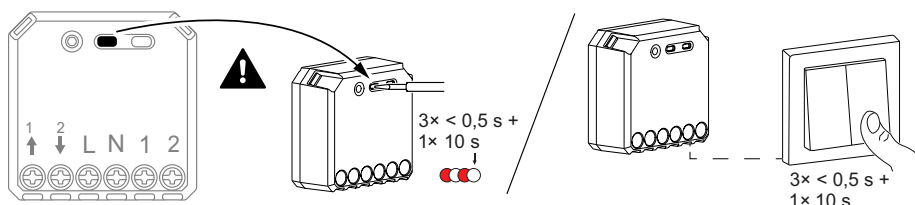
NOTE: All configuration data, user data, and network data are deleted. After which

- No connectivity to other devices or rooms
- No timer settings

The LED stops blinking upon successful reset of the device.

The Puck restarts and blinks green for a few seconds.

NOTE: After reset, the LED turns orange indicating that the device is ready for pairing.



Related Topics

- ELKO Smart Blinds Puck (Parent Topic)

LED indication

Pairing the device

User Action	LED Indication	Status
Short press the Setup/Reset button or push button 3 times.	LED blinks orange once per second. 	Pairing mode is active for 30 seconds. When pairing is completed, LED glows green for a few seconds before turning off. 

Resetting the device

User Action	LED Indication	Status
Short press the Setup/Reset button or push button 3 times and hold it down once for > 10 s.	LED blinks red once per second. 	The device is in reset mode. The device then restarts and LED turns orange indicating that the device is ready for pairing. 

Related Topics

- ELKO Smart Blinds Puck (Parent Topic)

Troubleshooting

Symptom	Solution
No shutter movement or uncontrolled shutter movement.	• Check power supply. • Check the wiring between Puck and push-button switch. • Check the load.
The device is not ready to pair after the device is removed from the app.	Reset to factory default settings, refer to Resetting the device , page 59.

Related Topics

- ELKO Smart Blinds Puck (Parent Topic)

Technical data

Nominal voltage	AC 220-240 V, 50/60 Hz
Nominal current	4 A, $\cos\phi = 0.6 - 1.0$
Blind channel	1, mechanically and electronically locked against each other
Standby	Max. 0.3 W
Operating Temperature	0 °C to 35 °C
Neutral conductor	Required
Connecting terminals	Max. 2 x 2.5 mm ² , solid or stranded types
Extension connection	Max. 10 mechanical double push-button switches
Length of all cable sections	Max. 50 m for 3-wire NYM cable
Fuse protection	16 A circuit breaker
Operating frequency	2405 - 2480 MHz
Max. radio-frequency power transmitted	<10 mW
IP rating	IP20
Product dimensions (H x W x D)	43 x 43 x 22 mm
Communication protocol	Zigbee 3.0 certified

Related Topics

- ELKO Smart Blinds Puck (Parent Topic)

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As standards, specifications, and design change from time to time, please ask for confirmation of the information given in this publication.

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DUG_SmartBlinds Puck_WH-00