

Unica - Connected Blind Control Switch

Device user guide

Information about features and functionality of the devices

03/2025



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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.

Unica - Connected Blind Control Switch



NU3509xx
NU3508xxW

For your safety

⚡⚠ DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

Safe electrical installation must be carried out only by qualified electrical personnel. Qualified electrical personnel must prove profound knowledge in the following areas:

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

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

About the device

You can use the Connected Blind Control Switch (hereinafter referred to as **blind control switch**) to control a blind or a roller shutter motor that is equipped with end position switches.

Control options

Home control using Wiser Home app: To control the blind control switch through the Wiser app you will need the **Wiser Hub**. Refer to *Pairing the device with the Wiser Hub*, page 12

Direct operation: The blind control switch can always be controlled directly on-site. You can also connect it with mechanical double push-buttons. Refer to *Manual operation*, page 40.

Installing the device

Refer to the installation instruction supplied with this product.

See Connected Blind Control Switch

Quick Home Connect

Quick Home Connect is a wireless connectivity solution for Zigbee devices without the need for a Hub/Gateway 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.
- With a 1-gang Wireless switch, you cannot mix lighting and shutter control. However, with a 2-gang Wireless switch, you can assign one gang for dimming/switching and the other for shutter control, or vice versa.
- This solution does not support remote control, smartphone app usage, or scheduling features.

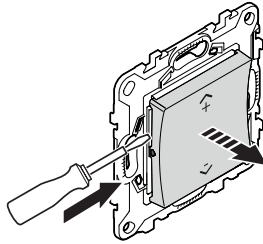
Pairing Wireless Switch with Blind Control Switches

You can pair 2-gang or 1-gang Wireless switch with 2 Blind control switches as per your need.

Pairing 1-gang with 2 Blind Control Switches

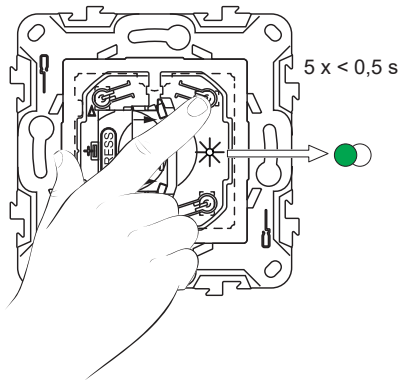
NOTE: If you want to pair a 1-gang FLS with one blind control switch, follow the steps up to step 3. To continue with a second blind control switch, follow the next steps.

1. Remove the rocker from the Wireless switch.



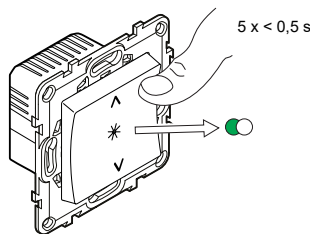
2. Short press the top-right push button 5 times in quick succession on the Wireless switch.

The status LED blinks green.



3. Short press the first blind control switch 5 times in quick succession.

The status LED blinks green.



The shutter will move up and down a few times. When successfully paired, the status LED on the Wireless switch and the blind control switch turns Off.

IMPORTANT: Check if the pairing was successful before you continue with the same channel.

4. Repeat step 2.
5. Repeat step 3 on the second blind control switch.

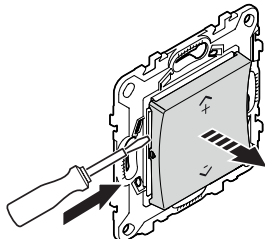
The shutter will move up and down a few times. When successfully paired, the status LED on the Wireless switch and the blind control switch turns Off.

Pairing 2-gang with 2 Blind Control Switches

To pair the 2-gang Wireless switch with 2 blind control switches, you must change your Wireless switch to 2-gang operation. Refer to [Switching from 1-gang to 2-gang operation](#).

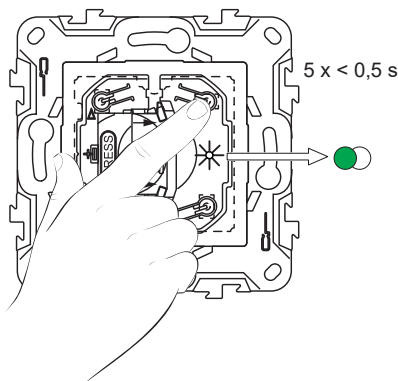
NOTE: Do not remove the rocker of the blind control switches.

1. Remove the rocker from the Wireless switch.



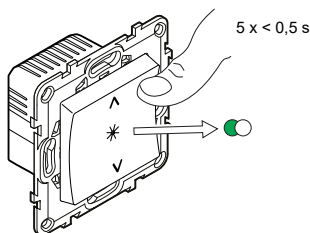
2. Short press the top-right push button 5 times in quick succession on the Wireless switch.

The status LED blinks green.



3. Short press the first blind control switch 5 times in quick succession.

The status LED blinks green.

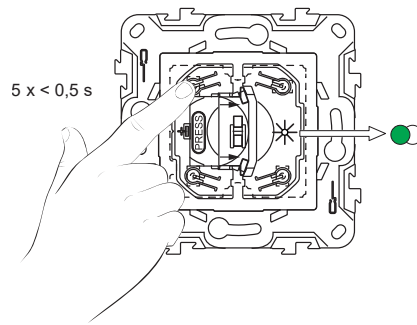


The shutter will move up and down a few times. When successfully paired, the status LED on the Wireless switch and the blind control switch turns Off.

IMPORTANT: Check if the pairing was successful before you continue with the same channel.

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

The status LED blinks green.



5. Repeat step 3 on the second blind control switch.

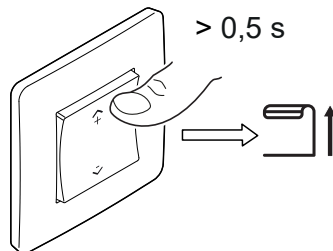
The shutter will move up and down a few times. When successfully paired, the status LED on the Wireless switch and the blind control switch turns Off.

Operating a Shades Control

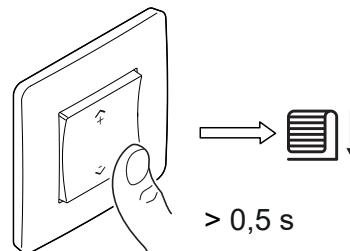
You can operate the shades control using the Wireless switch.

- Long press the Wireless switch ($> 0,5$ s) to move the shades control up or down.
 - Press ($\wedge+$) to open the shades control (A)
 - Press ($\vee-$) to close the shades control (B)

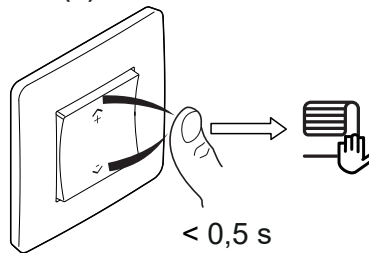
(A)



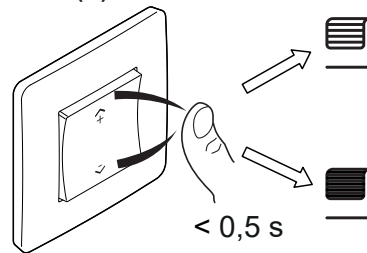
(B)



(C)



(D)



- Short press the top ($\wedge+$) or bottom ($\vee-$) of the Wireless switch ($< 0,5$ s) to stop the moving shades control (C).
- Short press the top ($\wedge+$) or bottom ($\vee-$) of the Wireless switch ($< 0,5$ s) to adjust the slat position (D).

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 Blind control switch

When reset is done successfully. The Wireless switch and device returns to factory default.

- Integrating into Wiser System
 - If you wish to integrate the devices into Wiser System, reset all the devices in Quick Home Connect and refer to pairing the device with Wiser Hub.

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. 



Troubleshooting in Quick Home Connect

Symptom	Possible cause	Solution
LED displays amber on the device.	Pairing not completed and returned to factory default.	Pair the Wireless switch and the device again. Refer to <ul style="list-style-type: none"> • Blind control switches, page 8
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 <ul style="list-style-type: none"> • Blind control switches, page 8
	The Wireless switch battery is discharged.	Replace the battery of the Wireless switch

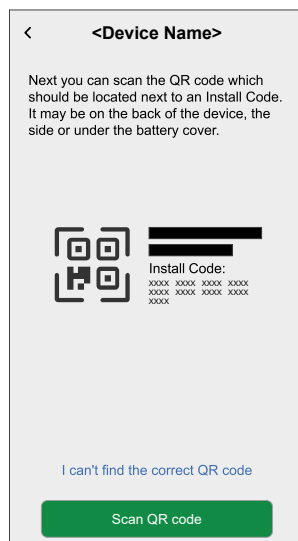
Scenario	Procedure
Control multiple devices with one Wireless switch.	To control multiple devices with a single Wireless switch, start by pairing it with one device. Then, use the same Wireless switch to pair with additional devices. NOTE: You can pair up to 7 devices to a single Wireless switch.
1-gang FLS with devices (relay switch, dimmer, shutter control, or socket outlet).	Pair the Wireless switch with any of the devices (relay switch, dimmer, shutter control, or socket outlet).
2-gang FLS with devices (relay switch, dimmer, shutter control, or socket outlet).	Pair either left or right Wireless switch with any of the devices (relay switch, dimmer, shutter control, or socket outlet). You can also pair another rocker of the Wireless switch with another device.

Pairing the device with the Wiser Hub

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

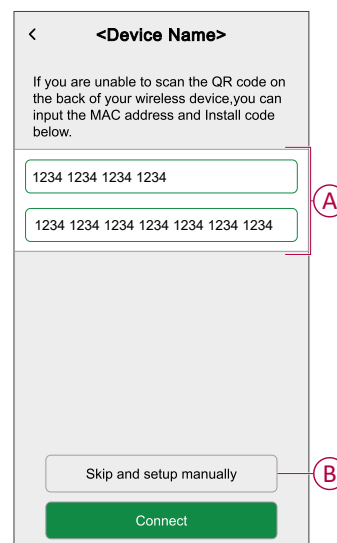
1. On the **Home** screen, tap .
2. Tap **Devices** >  and **Shutters** > **1-Gang Switch** > **Next**.
3. Tap **Scan QR code** and allow the Wiser Home app to access your camera. Then, scan the QR code located on the device.

NOTE: If you are unable to find the correct QR code, tap **I can't find the correct QR code** to pair the device 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. Once the device is validated, tap **Next**, short-press the push button on the blind control switch 3 times and make sure that the LED blinks amber.

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



NOTE: If the LED is blinking green and red, see the instructions by tapping **LED blinking green and red?**.



5. Tap , enter a name of the device.
 6. Tap **Next** and assign the device to a new room or an existing room and tap **Submit**.
 7. Tap **Next** >  and select a **Device Type**:
 - **Shutter**: Proceed to step 9
 - **Shutter with tilting slats**: Proceed to step 10 and step 11.
 8. Tap **Shutter** > **Next** and enter the open/close duration of shutter. Refer to *Setting default run time*, page 17.
 9. Tap **Shutter with tilting slats** > **Slat Type**, select a slat type and tap **Set**:
 - Horizontal
 - Tilted
 - Vertical
 10. Tap **Next** and enter the following durations:
 - a. **Open duration**: Time taken to open the shutter.
 - b. **Close duration**: Time taken to close the shutter.
 - c. **Tilt duration**: Time taken to rotate the slats completely from closed to open position.

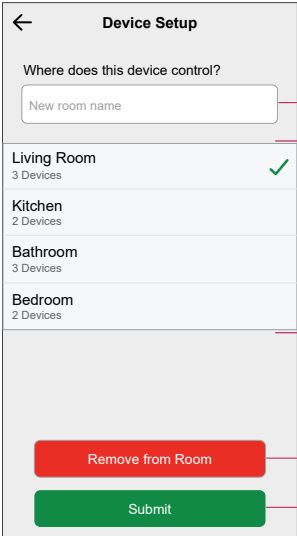
Refer to *Setting default run time*, page 17.
 11. Tap **Submit**.
- The device name (example, Blind control switch) is now listed on the **Control** tab under the **All** and the specific room tabs.

Configuring the device

Setting the device location

You can change the device location using Wiser Home app (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 page.
4. On setup page, you can enter **New room name** (A) or select an existing room from the list (B).



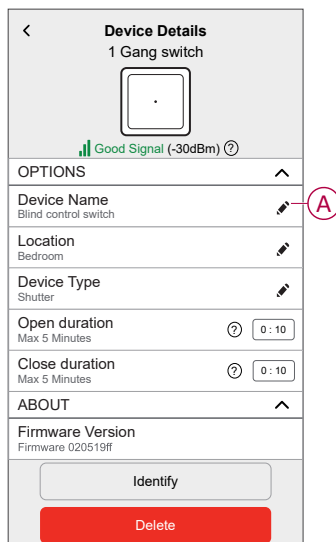
TIP: If the device is already assigned, you can remove it from the existing room. Tap **Remove from Room** (C).

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

Renaming the device

You can rename the device using the Wiser Home app.




1. On the **Home** screen, tap .
2. Tap **Devices > Shutters > Blind control switch > Device Name (A)** to rename the device.

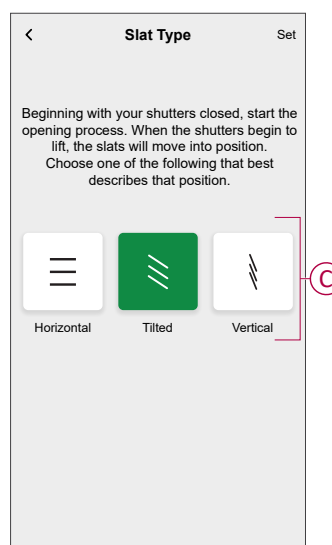
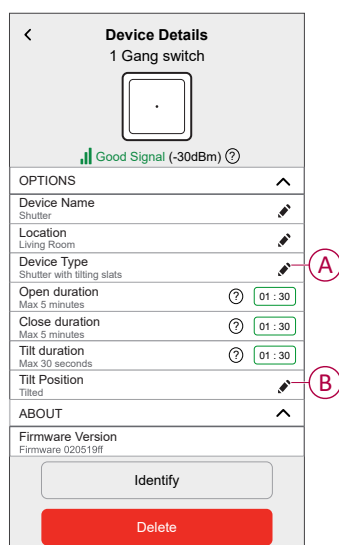


Selecting device type

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.

1. On the Home screen, tap .
2. Tap **Devices > Shutters > Blind control switch**.
3. Tap  (A) and select a device type.
4. If the device type is selected as **Shutter with tilting slats**, tap  (B) and select a slat type (C).
5. Tap **Set**.



Setting the default run time

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 default run time, manually open/close the shutter.

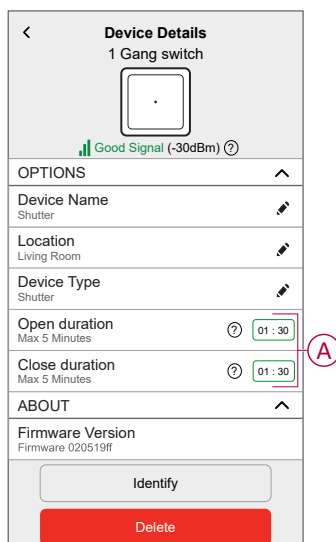
1. Record the time it takes to open/close the shutter completely.
2. Record the time it takes to rotate the slats completely from closed to open position for shutter with tilting slats.

Follow the procedure according to your shutter type:


- Shutter, page 17
- Shutter with tilting slats, page 18

Shutter

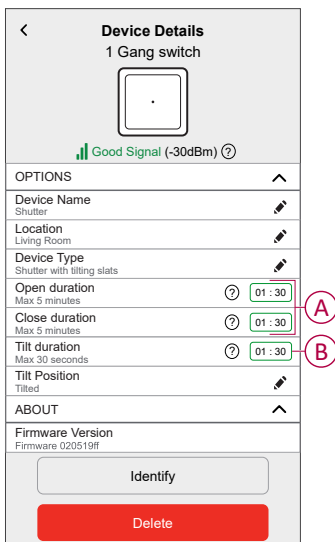
1. On the Home screen, tap .
2. Tap **Devices > Shutters > Shutter**.
3. Tap **Open duration/Close duration** (A) and enter the recorded shutter opening/closing time.



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 '1 Gang switch'. The screen is divided into several sections: 'OPTIONS', 'ABOUT', and 'Firmware Version'. The 'OPTIONS' section contains fields for 'Device Name', 'Location', 'Device Type', 'Open duration', 'Close duration', 'Tilt duration', and 'Tilt Position'. The 'ABOUT' section contains 'Firmware Version'. The 'Firmware Version' section contains 'Firmware Version' and 'Firmware 020519ff'. The 'Open duration' and 'Close duration' fields are highlighted with a red box and labeled 'A'. The 'Tilt duration' field is highlighted with a red box and labeled 'B'.

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).

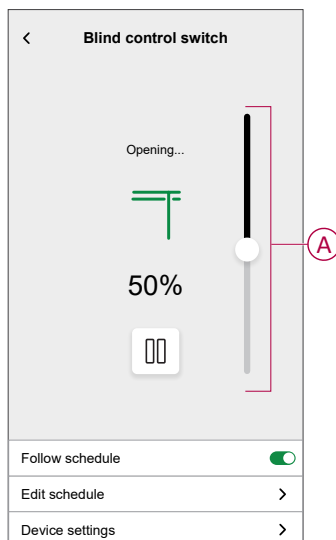
IMPORTANT:

- It is necessary to select the device type and set the default run time before proceeding with shutter calibration. Refer to [Selecting device type](#), page 16 and [Setting default run time](#), page 17 .
- 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

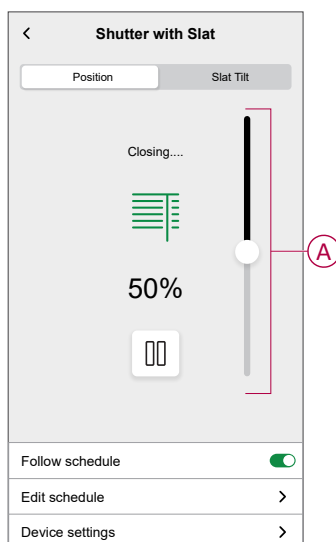
1. Upon setting the default run time, go to the **Control** tab, tap **All** devices or the room tab where the device is located.
2. On the device control screen, drag the sliding bar up/down to set the desired shutter opening percentage (A).

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



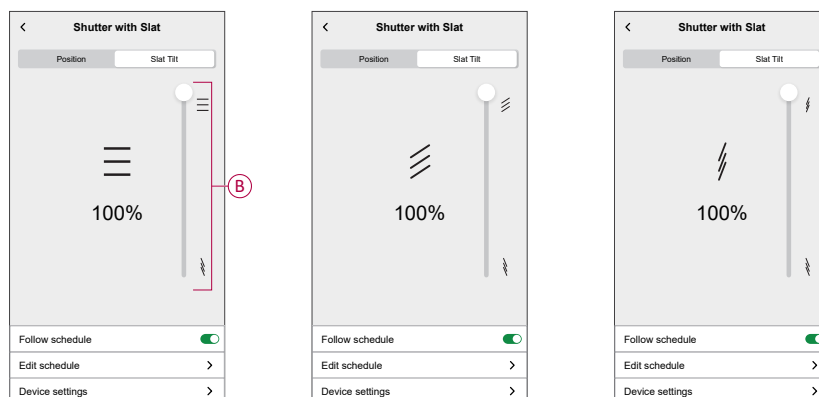
Shutter with tilting slats

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** tab, 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



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.

Configuring the seasonal comfort mode

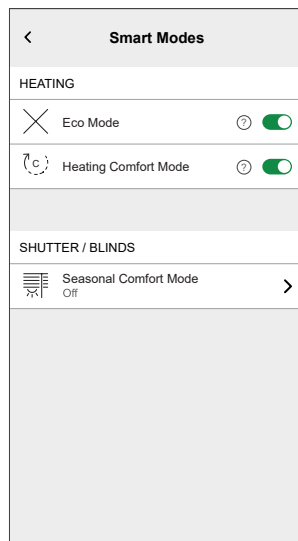
Using the Wiser Home app, you can configure the seasonal comfort mode to define the desired temperature and location of the shutters and sensors in the home.

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 18 or [Shutter calibration with tilting slats](#), page 18 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.

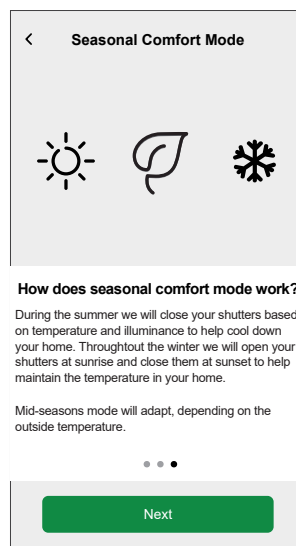
To configure the seasonal comfort mode:

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

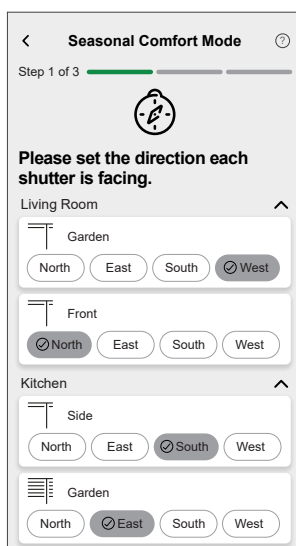


Details about the seasonal comfort mode are displayed.

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



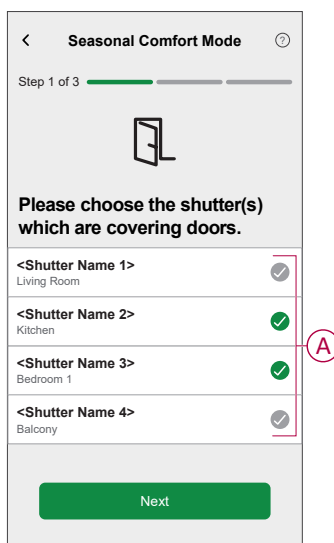
3. Define the orientation in which the shutters are installed at home:
- Select the orientation in which each shutter is installed at home and tap **Next**.



- 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.

- 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.
- 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.


< **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
Using temperature from the <Room Name> 

Bedroom 2
Using average home temperature 

Kitchen 


Next


B. To use the average temperature detected by all the temperature sensors as the reference temperature:


1. Tap **Use average home temp** (D).


< **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 

2. Tap **Yes, i'm sure** to complete the setup.

c. Tap **Done** to see the updated configuration.

Seasonal Comfort Mode




You're all good to go..


Seasonal comfort mode will now adjust your shutters to optimise heating and cooling in your home based on:


- ✓ The seasons of the year
- ✓ The brightness outside your home
- ✓ The time of day
- ✓ The temperature in and outside your home


You can come back here anytime to change these settings.


Done


< **Seasonal Comfort Mode** 


Seasonal Comfort Mode 


Shutters 
3 active

Temperature 
Indoor 25°, Outdoor 27°

Time 
Sunrise +10, Sunset -10

Light (LUX) sensors 
2 active

Outside temp sensors 
2 active

Other room sensors 
3 active

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

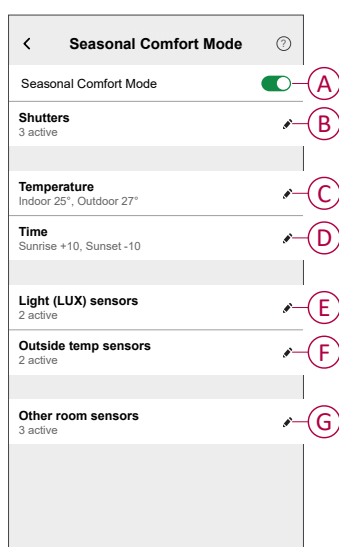
Using the Wiser Home app, you can change the configuration of the seasonal comfort mode.

Pre-requisite:

- Calibrate your shutters. Refer to [Shutter calibration](#), page 18 or [Shutter calibration with titling slats](#), page 18 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:

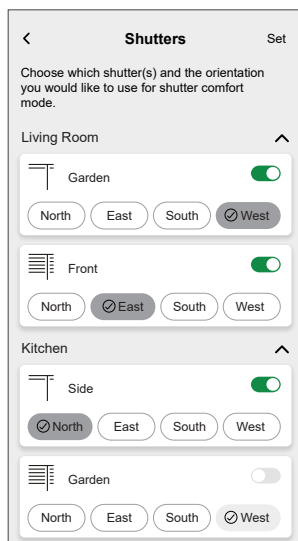
A	Seasonal Comfort Mode: Tap the toggle switch to turn the seasonal comfort mode ON/OFF.
B	Shutters: Tap to change the orientation and location of the shutters in the Wiser Home app. Refer to Changing the shutter orientation and location , page 30 for more details.
C	Temperature: Tap to change the threshold inside and outside temperatures in the Wiser Home app. Refer to Setting the threshold temperature , page 31 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 32 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 32 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 33 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 34 for more details.

Changing the shutter orientation and location

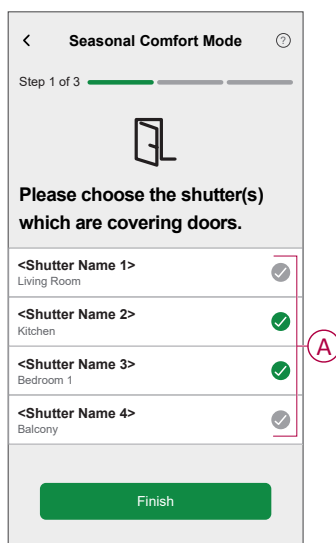
You can change the orientation and location of the shutter in Wiser Home app.

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**.



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**.

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

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**.

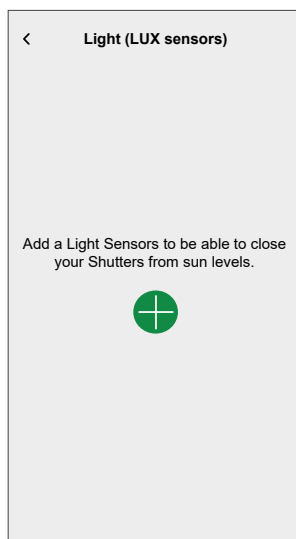
Changing the orientation of light sensors

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

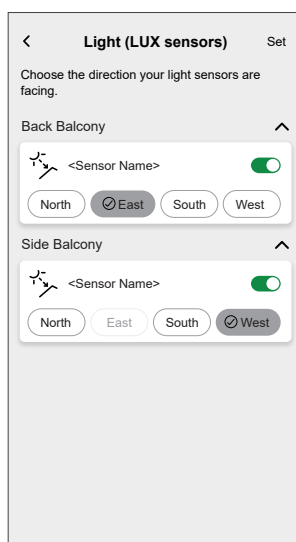
To change the orientation of the light sensors:

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**.




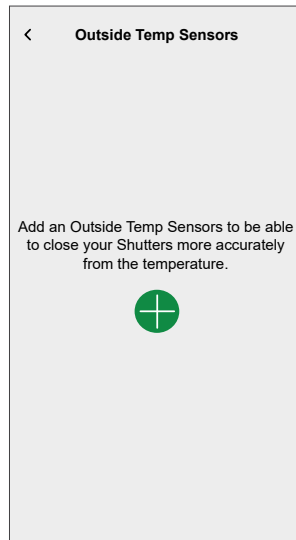
Changing the orientation of outside temperature sensors

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

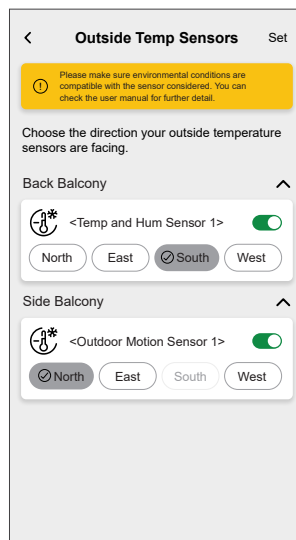
To change the orientation of the outside temperature sensors:

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**.



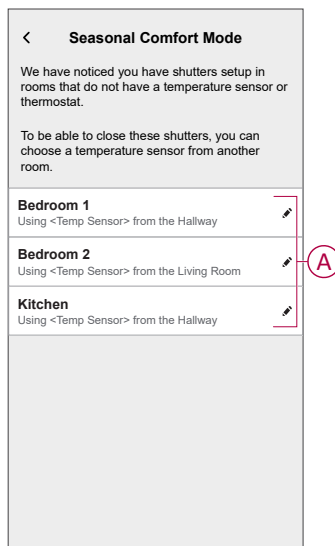
Managing shutter operation without temperature sensor

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**.

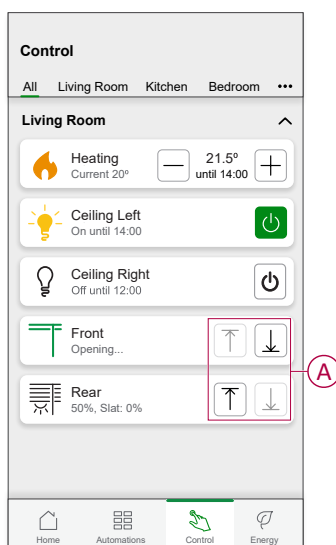
Pausing the seasonal comfort mode

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

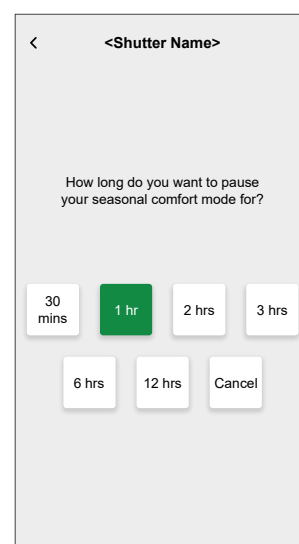
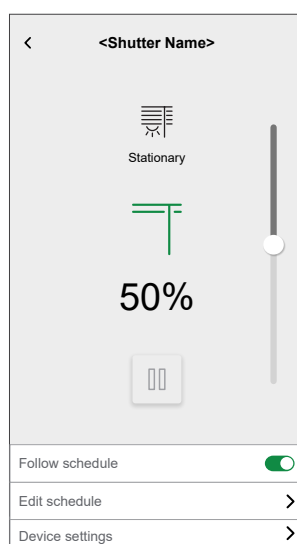
To pause the seasonal comfort mode:

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.



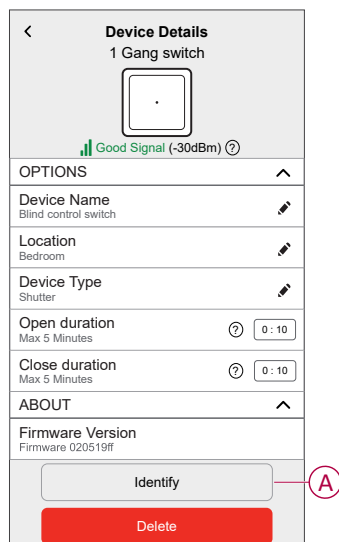
TIP: You can tap **Cancel** at any time to stop the pause.

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 blind control switch among the devices available in a home.

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



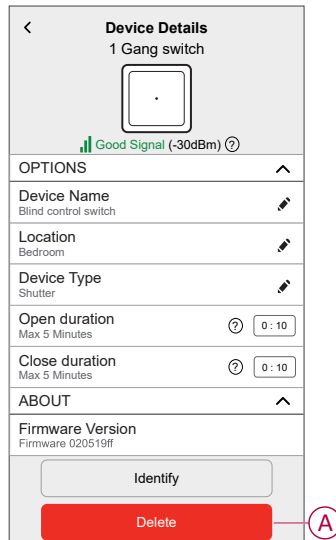
The status LED blinks red and the shutter opens/closes gradually, upon successful identification of the blind control switch or shutter slat.

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

Removing the device from Wiser system

Using the Wiser app, you can remove the blind control switch from the system. To remove the device:

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



NOTE:

- Removing the device will reset the blind control switch. The LED starts blinking amber indicating that the blind control switch is ready for pairing.
- If there is a problem while pairing or resetting the blind control switch, refer to [Resetting the device](#), page 39.

Resetting the device

You can reset the device to factory default manually.

Short-press the push button three times (<0.5 s) and then long-press the push button once (>10 s).

The LED blinks red after 10 s, and then release the push button.

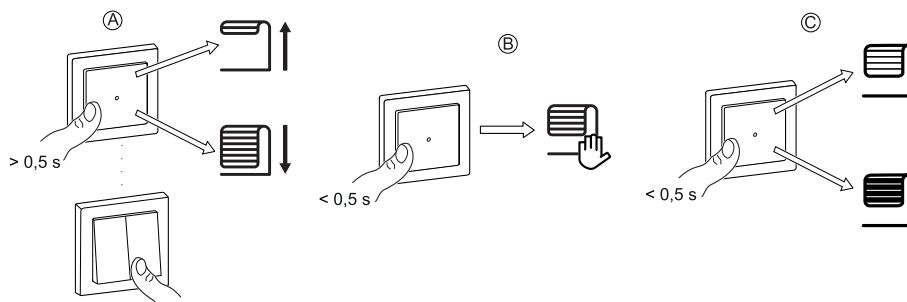
Upon successful reset, the LED stops blinking. Then, the device restarts and blinks green for a few seconds.

NOTE: After reset, the LED turns amber indicating that it is ready for pairing.

Using the device

Operating the device manually

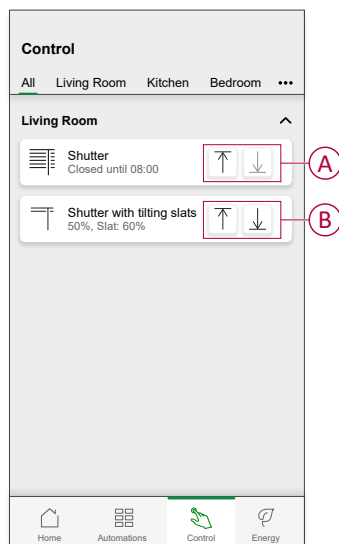
- Long press the blind control switch ($> 0,5$ s) to move the shutter up or down (A).
 - Press (\wedge) to open the shutter.
 - Press (\vee) to close the shutter.
- Short press ($< 0,5$ s) to stop the moving shutter (B).
- **For shutter with tilting slats:** When the shutter is not moving short press ($< 0,5$ s) the blind control switch to adjust the slat position (C).



Opening/Closing the shutter using app

To open/close the shutter:

1. On the **Control** tab, tap **All** devices or the room tab where the device is located.
2. Tap \uparrow \downarrow (A) or (B) of the shutter or shutter slat to open/close it.



TIP: You can also open/close the shutter or shutter slat:



- By selecting of the shutter or shutter slat and using the slider in the device control screen to open/close it.
- When you add it to your **Favourites**. To know more about **Favourite**, refer to **Manage Favourite** topic in the respective System User Guide.

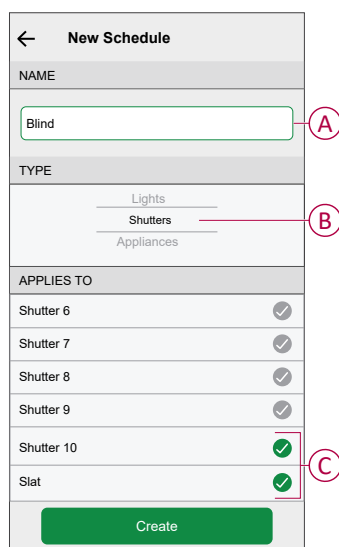
NOTE: If you only have a single device in the Wiser System, the **Control** tab will not be visible. All functions will be accessible through the **Home** screen.


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.

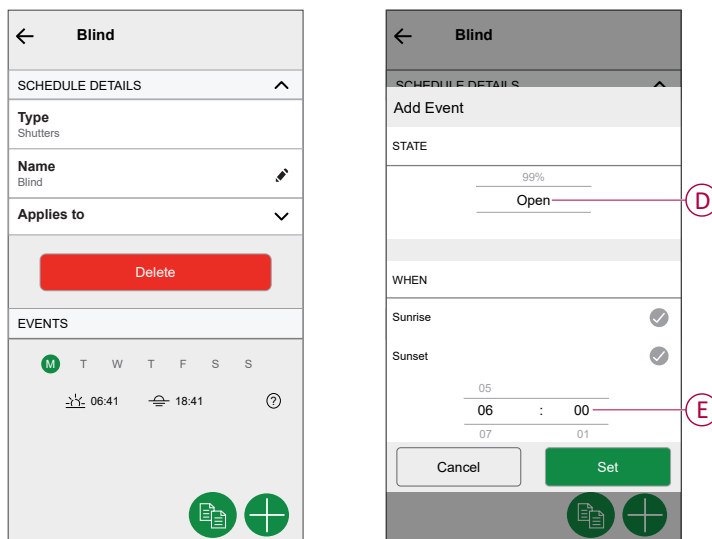
To create a schedule:

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:

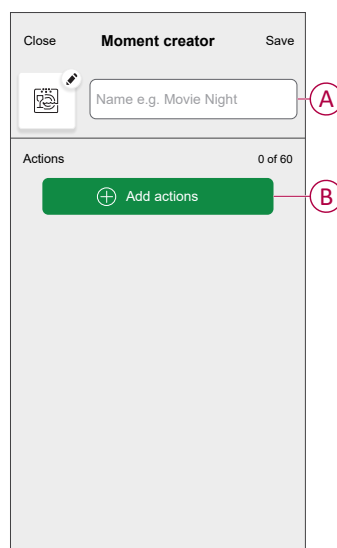
- You can add multiple schedules based on your requirement. Select days, tap , set on/off state and time.
- You can copy the existing schedule to another schedule or to the days of your choice. Tap .
 - Tap **Schedule** and select an existing schedule and tap **Copy**.
 - Tap **Day** and select the days 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.

Moments

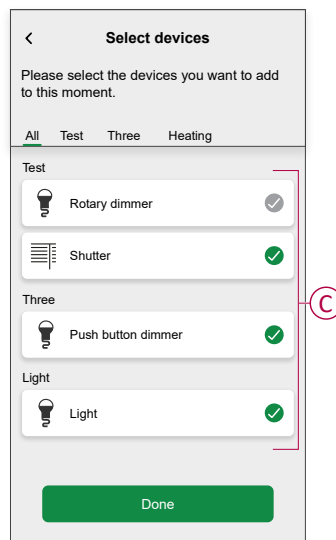
Moment allows you to group multiple actions that are usually performed together. By using the Wiser Home app, you can create moments based on your needs.

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.



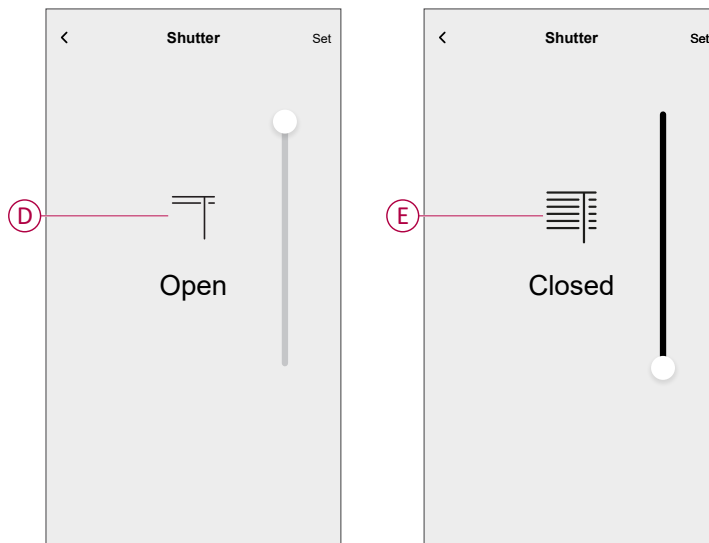
5. Select the devices (C) you want to set an action and tap **Done**.



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

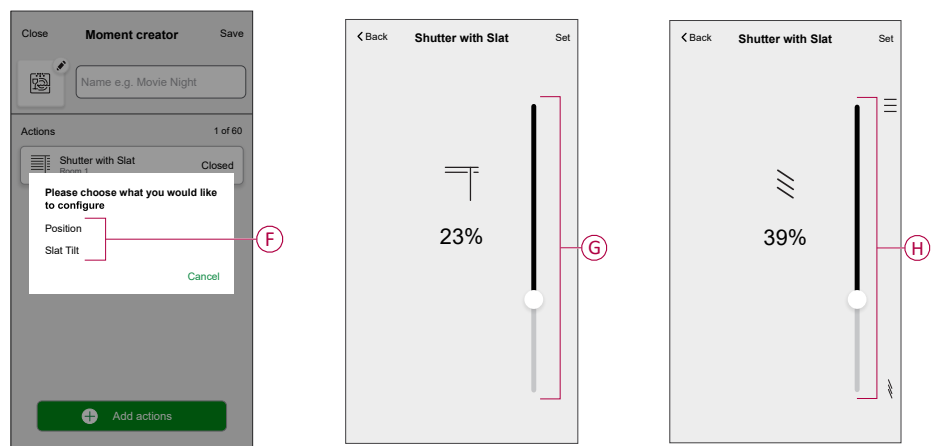
– **For shutter:**

- 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**.

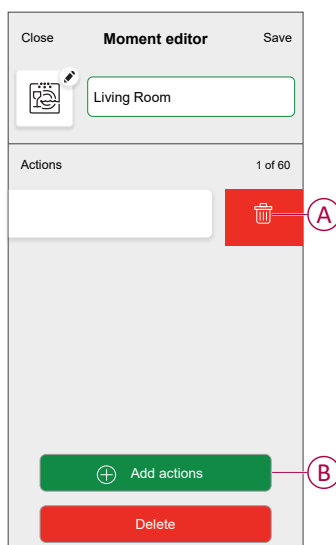
Once the moment is saved, it is visible on the **Moments** tab. You can tap on the moment to enable it.

TIP:

- If you want to see the created moments on the **Home** screen, go to **Home** >  > **Home Screen** > **Moments**. Enable the toggle button to view moments on the **Home** screen. For more details, refer to the respective System User Guide.
- You can also rearrange the moments by tapping **Edit** from the **Moments** tab on the **Home** screen, or by tapping **Automation** > **Moments** > **Reorder**.



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** page, 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.

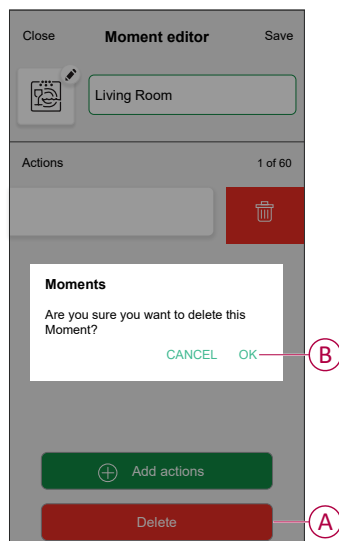


4. Tap **Save** to save the changes.

Deleting a moment

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

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






Automation

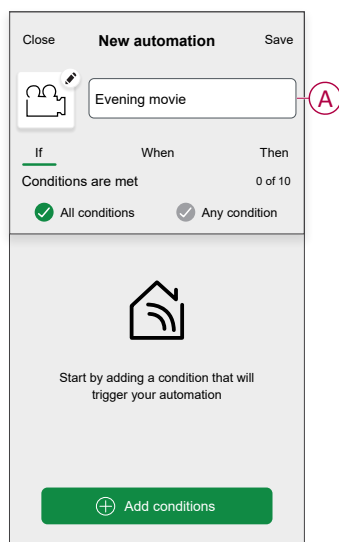
An automation allows you to trigger an action automatically or at scheduled times. By using the Wiser Home app, you can create automations based on your needs. This example demonstrates how a device works when the condition is met.

Creating an automation

Follow the steps to create an automation:

1. On the **Home** screen, tap .
2. Go to **Automation** and then tap  to create an automation.
3. Enter the name of the automation (A) and select any of the following conditions to trigger an automation.
 - **All conditions:** All conditions must be met to trigger an automation.
 - **Any condition:** Any one of the condition must be met to trigger an automation.

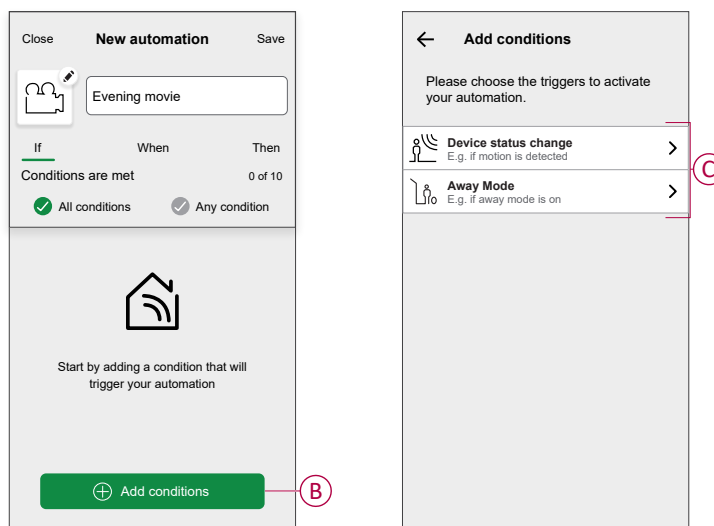
TIP: You can choose the cover image that represents your automation by tapping .



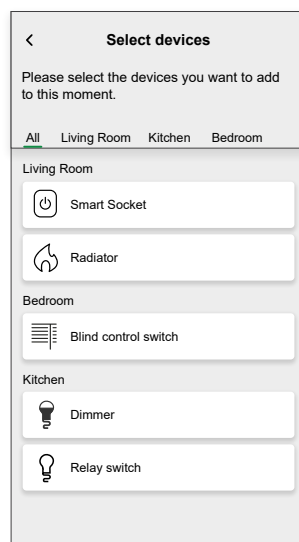
4. Tap **Add conditions** (B) and select any of the following (C).

- **Device status change** (Select the device): An automation will be triggered based on a device status, such as the opening of a shutter or the detection of movement by a motion sensor.
- **Away Mode** (Enable or Disable): Away mode can also trigger an automation to turn on the lights, close the shutter etc. For more information about **Away Mode**, refer to the system user guide.

NOTE: Maximum 10 conditions can be added.



- a. In this example, we will select **Device status change** and choose a device to set the condition. Then, we will select the state of the device that will trigger the automation, such as the ON state of a relay switch.



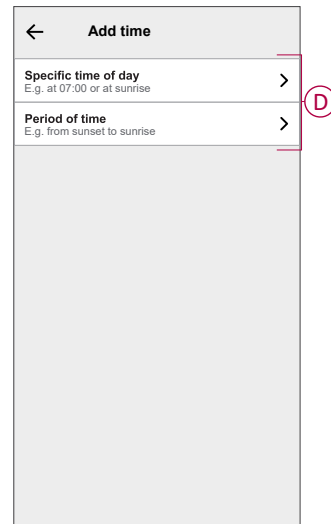
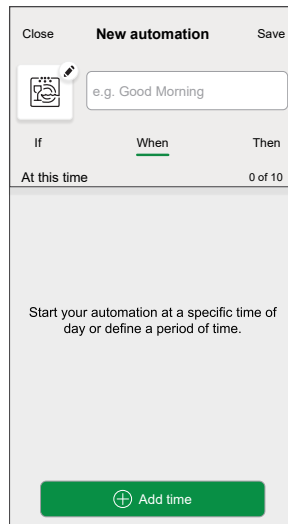
- b. After selecting the device, tap **Set** on the upper right corner.

TIP: If you want to change the condition, swipe it to the left and tap the bin icon. Then add a new condition with the required parameters.

5. To start your automation at a particular time, tap **When > Add time** and select any of the following (D):

NOTE: Maximum 10 time entries can be added.

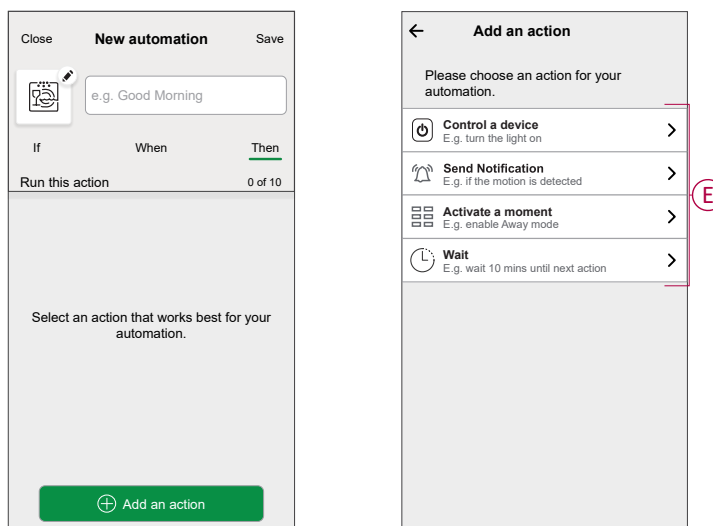
- **Specific time of day** - The automation will trigger at a specific time of the day, such as at sunrise, sunset, or at 8:00 AM.
- **Period of time** - The automation will be trigger during time periods such as from sunrise to sunset, or sunset to sunrise, or from 8:00 AM to 5:00 PM.



6. To add an action, tap **Then > Add an action** and select any of the following (E):

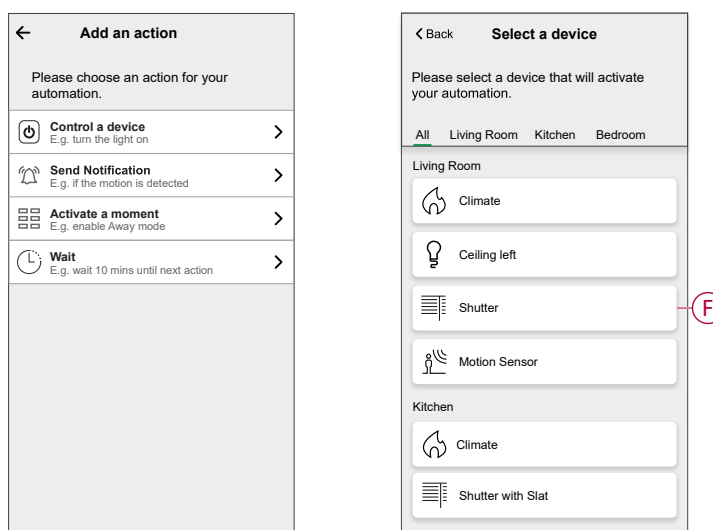
NOTE: Maximum 10 actions can be added.

- **Control a device** - Select the device and set the desired state of the device.
- **Send notification** - You will be notified if the condition is met.
- **Activate a moment** - Select a Moment to activate during the automation.
- **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.

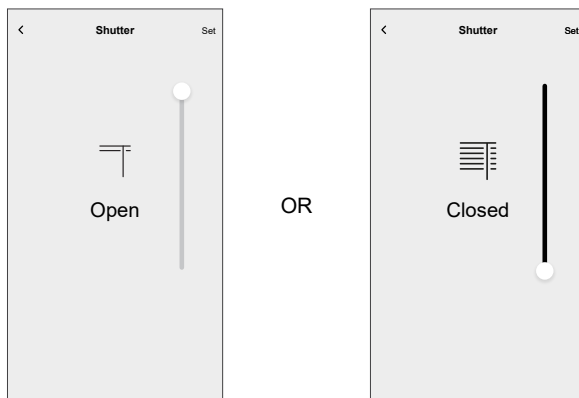


- a. In this example, we will initially select **Control a device** and select **Shutter (F)** as the device to trigger an action, later, we will select for the **Wait** option to add a delay in the automation.

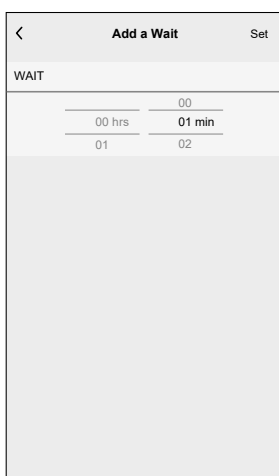
IMPORTANT: You cannot select the same device that you selected for **Add conditions** in Step 4. The device should be different.



- b. Set the state, such as the Open or Closed state of the Shutter. Then, tap **Set** located on the upper right corner.

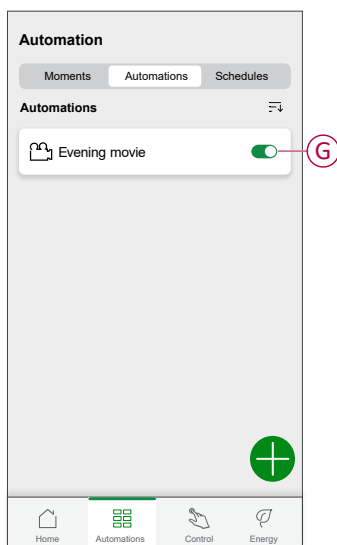


- c. Again, tap **Add an action** and select **Wait** option.
- d. Scroll through the minutes and set the wait time to 1 minute. Then, tap **Set** located on the upper right corner.







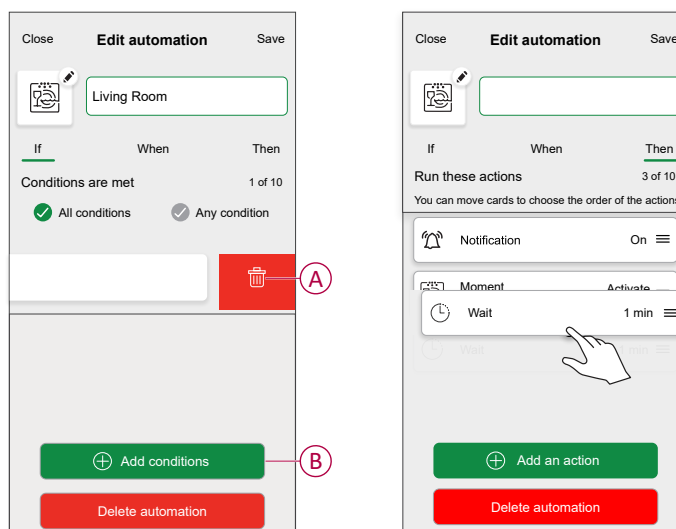
7. Tap **Save**.

The saved Automation is displayed on the **Automation** page. Tap the toggle switch (G) on the Automation page to enable/disable the Automation.




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** page, 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.

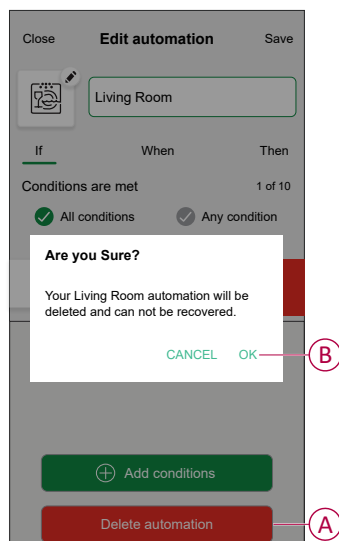


4. Tap **Save** to save the changes.

Deleting an automation



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

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





LED Indication


Pairing

User Action	LED Indication	Status
Press the push button 3 times	LED blinks amber per second. 	Pairing mode is active for 30 seconds. When pairing is completed, LED glows green for some time before turning Off. 


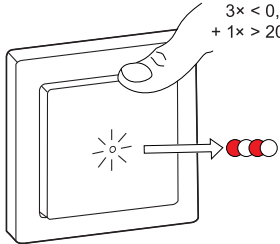
Resetting

User Action	LED Indication	Status
Press the push button 3 times and hold it down once for > 10 s.	After 10 s, the LED blinks red. 	The device is in reset mode. It is reset to the factory settings after 10 seconds. The device then restarts and the LED blinks green for a few seconds and then stays amber. 

Identifying the device

LED Indication	Status
The LED blinks red. 	The shutter opens/closes gradually, upon successful identification of the Blind control switch.

Different connectivity mode

LED Indication	Status
<p>The LED blinks green and red while pairing.</p> 	<p>The device is trying to connect to other connectivity mode. Short press the push button 3 times and then hold for 20 seconds. When the LED blinks red rapidly, release the push button.</p>  <p>3 × < 0,5 s + 1 × > 20 s</p>

Troubleshooting

Symptom	Solution
Connected shutter cannot be controlled.	<ul style="list-style-type: none"> • Check power supply. • Remove power to the blind control switch and then re-connect power again. • Check the load. • In the case of an external push button, check the wiring. • Re-couple devices.
Shutter is not driving to the desired position.	Reset to factory default settings, refer to Resetting the device , page 39
Shutter is not moving in set time.	Calibrate again.

Technical Data

Nominal voltage	AC 230 V, 50 Hz		
Nominal power	Load type	Load name	Load value
	Ⓜ	Motor	500 W
Standby	Maximum 0.4 W		
Connecting Terminals	Screw terminals for max. 2 x 2.5 mm ² , 0.5 Nm		
Extension unit	Mechanical Double push-buttons, unlimited number, max. 50 m		
Fuse protection	10 A circuit breaker		
Nominal current	4 A, $\cos\phi = 0.6$		
Operating frequency	2405 - 2480 MHz		
Max. radio-frequency power transmitted	< 10 mW		
Communication protocol	Zigbee 3.0 certified		

Compliance

Product Environmental Data

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>



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Printed in:
Schneider Electric
35 rue Joseph Monier
92500 Rueil Malmaison - France
+ 33 (0) 1 41 29 70 00

Schneider Electric
35 rue Joseph Monier
92500 Rueil Malmaison
France

+ 33 (0) 1 41 29 70 00

www.se.com

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DUG_Unica Shutter_WH-05