

Unica - Connected Relay Switch 10 A

Wiser Home Device user guide

Information about features and functionality of the devices
05/2025



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Table of Contents

Safety Information.....	4
Unica - Connected Relay Switch 10 A	5
For your safety	5
About the device.....	6
Installing the device	6
Quick Home Connect.....	7
Pairing Wireless Switch with Relay Switch	8
Operating a Relay Switch	8
Resetting the Device in Quick Home Connect	10
LED Indications in Quick Home Connect.....	10
Troubleshooting in Quick Home Connect	10
Pairing the device with the Wiser Hub	11
Configuring the device	13
Setting the device location	14
Setting up the LED Indicator Behaviour	15
Using the device.....	16
Switching On/Off the device manually.....	16
Turning On/Off device using app	16
Schedule.....	18
Moments.....	20
Automation.....	23
Resetting the device	29
LED Indication.....	30
Technical Data	31
Compliance.....	32
Product Environmental Data.....	32
Declaration of Conformity.....	32
Trademarks.....	33

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 Relay Switch 10 A



NU5538xx



NU3538xx
NU3537xxW

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.

About the device

The Connected Relay Switch 10 A (hereinafter referred to as **relay switch**) is a push button device that can be used to switch LED, ohmic, inductive or capacitive loads manually or remotely.

Control options

Home control: To control the relay switch through the Wiser app you will need the **Wiser Hub**.

Direct operation: The relay switch can always be controlled directly on-site. You can also connect any number of mechanical push-buttons.

Installing the device

Refer to the installation instruction supplied with this product.

See Connected Relay Switch 10A.

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.

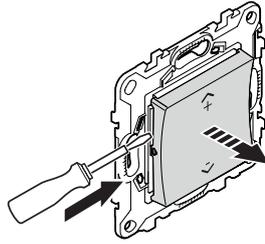
The **Wireless switch** is a battery-powered wireless push-button switch that is used to control Zigbee devices (such as dimmer, shutter, switch, and socket) within the same Zigbee network.

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.

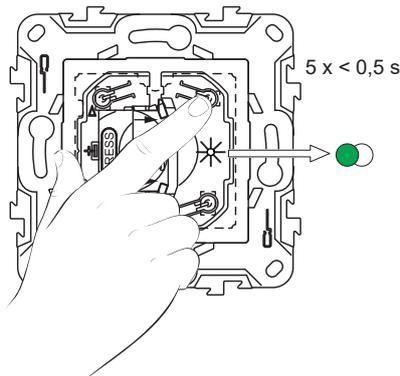
Pairing Wireless Switch with Relay Switch

1. Remove the rocker from the Wireless switch.



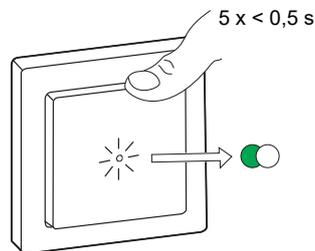
2. Short press the top-right push button 5 times in quick succession on the Wireless switch.

The status LED blinks green.



3. Short press the push-button of the Relay Switch 5 times in quick succession.

The status LED blinks green.

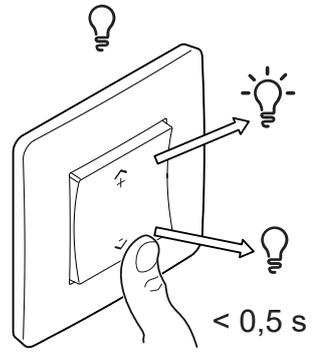


The light connected to the Relay Switch blinks for a few times. The status LED stops blinking green on the Wireless switch and the Relay Switch. The Relay Switch can now be controlled by the Wireless switch.

Operating a Relay Switch

You can turn the light ON/OFF using the paired Wireless switch.

Short press the top (\wedge +) or bottom (\vee -) of the Wireless switch (< 0,5 s) to turn ON/OFF the light.



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 Relay 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"> • Relay switch, 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"> • Relay switch, 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 Wisier Hub

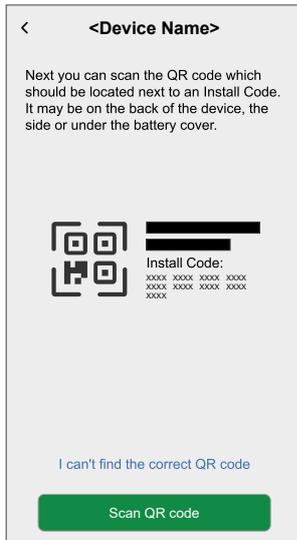
Using the Wisier Home app, pair your relay switch with the **Wisier Hub** to access and control the relay switch.

1. On the **Home** screen, tap .
2. Tap **Devices** >  > **Lights** >  **1-gang**.

TIP: You can also navigate by tapping **Control** >  > **Lights** >  **1-gang**.

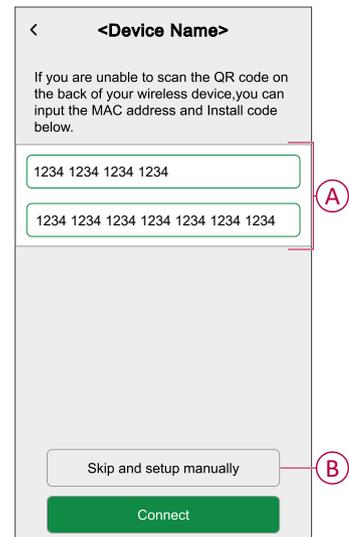
3. Tap **Scan QR code** and allow the Wisier Home app to access your camera. Then, scan the QR code located on the device.

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.

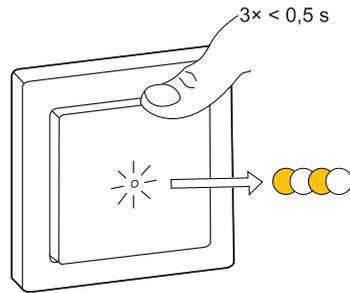


If the QR code is incorrect, a message **Incorrect QR code scanned** will appear. Tap **I can't scan the QR code** and choose one of the following options:

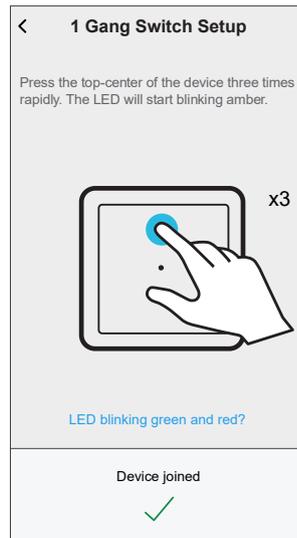
- **(A):** Enter the MAC Address and Install Code, then tap **Connect**. The app will verify if the MAC address and Install code are valid.
- **(B):** Tap this option if you are unable to find the MAC address and Install code.



4. Tap **Next**, short press the push button 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 the link **LED blinking green and red?**

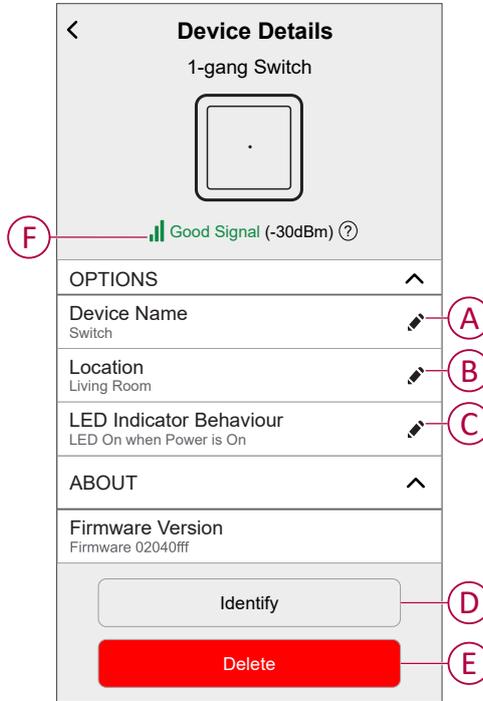
5. Tap **Next** to enter the name of the device and assign the device to a new room or an existing room.

The relay switch is now listed on the **Control** tab under the **All** and **Room** tabs.

Configuring the device

Using the Wiser home app, you can configure the device according to your preferences.

1. On the **Home** screen, tap .
2. Tap **Devices > Lights > Relay switch** to locate to the **Device Details** screen.

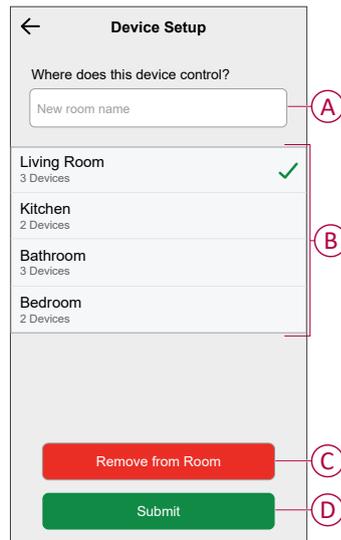


A	Device Name: Tap to change the name of the device.
B	Location: Tap to assign the Device to any room (such as living room, bedroom, kitchen etc). Refer to <i>Setting the device location</i> , page 14 for more details on how to set the location.
C	LED Indicator Behaviour: Tap to set the LED indicator behaviour of the device as per your preference. Refer to <i>Setting up the LED Indicator Behaviour</i> , page 15 for detailed information on each option.
D	Identify: Tap to identify the device. The status LED blinks red and connected lighting devices blinks On/Off, upon successful identification of the switch. Tap OK when you finish identifying the device.
E	<p>Delete: Tap to remove the device from the system.</p> <p>NOTE:</p> <ul style="list-style-type: none"> • Removing the device will also reset the switch. After reset, the LED turns amber indicating that the switch is ready for pairing. • If there is a problem while pairing or resetting the switch, refer to <i>Resetting the device</i>, page 29.
F	<p>Zigbee Signal Strength Indicator: Zigbee Signal Strength indicator which displays the current signal strength of the device.</p> <ul style="list-style-type: none"> •  Good Signal (between 0 & -54dBm) •  Normal Signal (between -54 & -79dBm) •  Poor Signal (<-79dBm) •  No Signal (device is offline)

Setting the device location

Using the Wisier Home app, you can add your Wireless Switch 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.
4. 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).

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

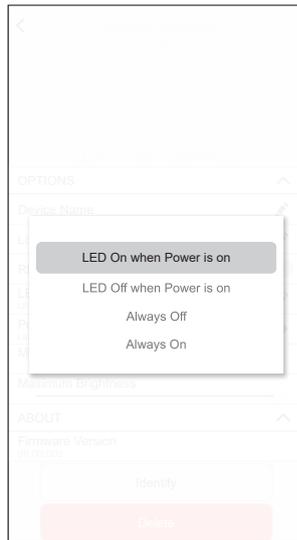
Setting up the LED Indicator Behaviour

Using the Wisier Home app, you can set the behaviour of the LED indicator on your device to identify the device status.

1. On the **Home** screen, tap .
2. Tap **Devices > Lights**.
3. Select the device you want to update and tap **LED Indicator Behaviour**.

NOTE: If you are unable to find the option in your app, reset the device to factory default and perform the pairing process.

4. Select one of the following options as per your preference.



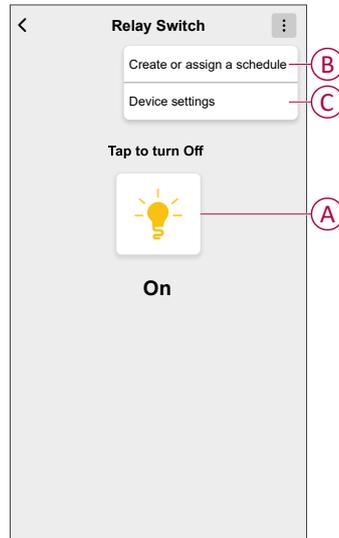
LED On when Power is On	The LED turns On when the device is On.
LED Off when Power is On	The LED turns Off when the device is On.
Always Off	The LED stays Off all the time.
Always On	The LED stays On all the time.

Using the device

The Device Control Screen allows you to switch ON/OFF the device and control various settings.

On the **Control** tab, select the relay switch.

The Device Control Screen displays the following options:

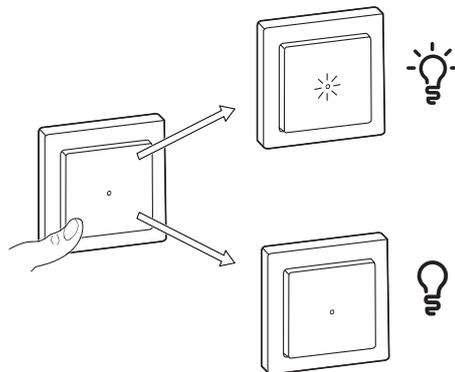


A	Tap to manually turn the device ON/OFF.
B	Tap to redirect you to the Schedule screen, where you can create a schedule. For more information, refer to the Setting up a schedule , page 18 topic.
C	Tap to control various settings from the Device Settings screen. For more information, refer to the Configuring the device , page 13 topic.

Switching On/Off the device manually

You can turn On/Off the device manually. The device powers the electrical appliances connected to it.

Short press the push button once to turn On/Off the relay switch.



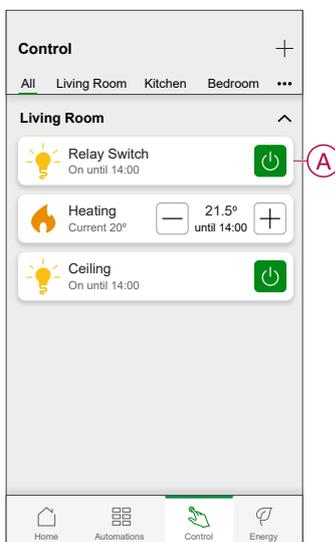
Turning On/Off device using app

Using the Wiser Home app, you can turn On/Off the relay switch remotely.

Follow the steps to turn On/Off the relay switch using the app:

1. On the **Control** tab, tap **All** devices or the room tab where the device is located.
2. Tap  (A) to turn On/Off the relay switch.

TIP: You can also turn the device On/Off from the **Home** screen when you add it to your **Favourite**. To know more about **Favourite**, refer to the **Managing Favourites** topic in the respective System User Guide.



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

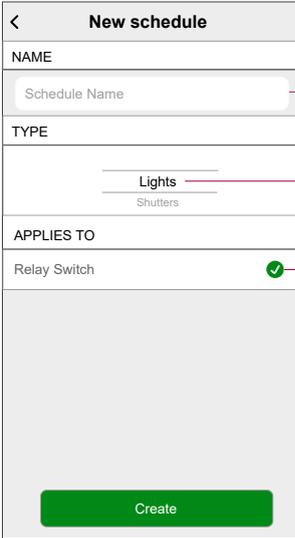
Schedule

You can set up schedules to specify the times at which a state of the device changes.

Setting up a schedule

The relay switch can be fully controlled by a schedule. Once the schedule is set, the relay switch operates at a given time.

1. On the **Home** screen, tap .
2. Go to **Schedules** and tap  to create a schedule.
3. Enter the name of the schedule (A).
4. In the **TYPE** menu, select **Lights** (B).
5. In the **APPLIES TO** menu, select **Relay Switch** (C) from the listed devices.
6. Tap **Create** to setup events.



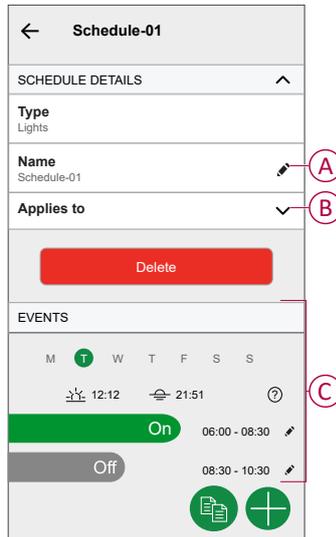
7. Under **EVENTS** menu, select a day and then tap  to add an event such as **STATE** (lights On/Off) and **WHEN** (sunrise/sunset or specific time range).
8. Tap **Set** to save the schedule.

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** in the following screens:
 - Device Control Screen.
 - Control tab under the device name.
 - Favourite devices section on the home screen.

Editing a schedule

1. On the **Home** screen, tap **Automations**  > **Schedules**.
2. Tap the schedule you want to edit.
3. Tap the **SCHEDULE DETAILS** and you can do the following actions:
 - Rename the schedule (A).
 - Within the **Applies to** (B) menu, you have the option to select from the listed devices or deselect those that are already selected.



NOTE: When the above changes are edited, the schedule is saved automatically.

4. Under the **EVENTS** (C) menu, you can do the following actions:
 - Tap  to update an event, such as **STATE** (lights Off or dimming level in %), **WHEN** (sunrise/sunset or a specific time range), and you can also delete an event.
 - Tap **Set** to save the schedule.

Deleting a schedule

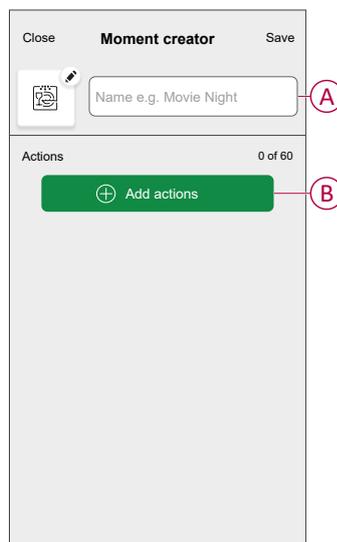
1. On the **Home** screen, tap **Automations**  > **Schedules**.
2. Tap the schedule you want to delete.
3. Tap **SCHEDULE DETAILS**, tap **Delete**, and then select **OK**.

Moments

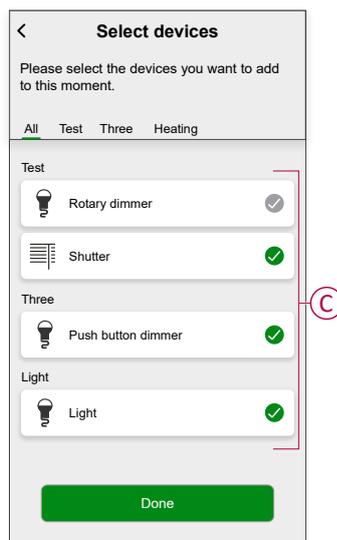
Moment allows you to group multiple actions that are usually performed together. By using the Wisier Home app, you can create moments based on your needs.

Creating a moment

1. On the **Home** screen, tap .
2. Go to **Moments** and 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.

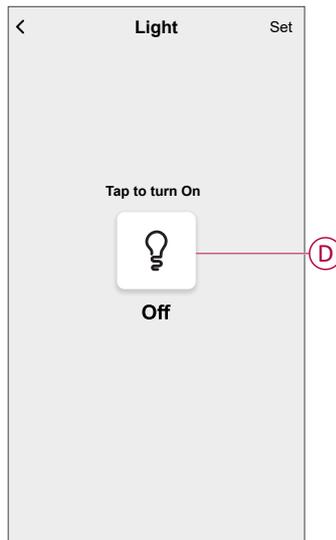


5. In the **Add actions** menu, you can select the devices (C).



6. Once the device are selected, tap **Done**.

7. On the **Moment creator** page, tap the device to set the condition. For example, it is a relay switch:
 - Tap to turn On (D) and tap **Set** on the top-right screen.



8. After setting all conditions, tap **Save**.

Once the moment is saved, it will appear on the **Moments** tab. Tap on the moment to enable it.

TIP:

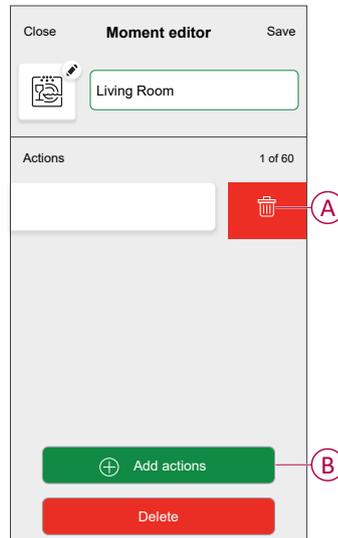
- If you want to see the created moments on the **Home** screen, go to **Home** >  > **Home Screen** > **Moments** and enable the **Moments** toggle switch.
- You can also rearrange the moments by tapping **Edit** from the Moments tab on the Home screen, or by tapping **Automation** > **Moments** > **Reorder**.

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:

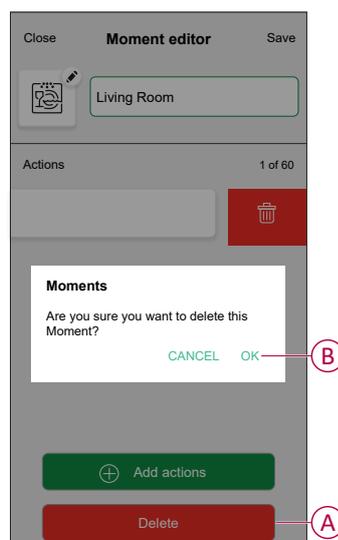
- Change the icon .
- Rename the moment.
- Tap each action to change the settings.
 - To remove an action, slide the action to the left and then tap  (A) to delete it.
 - Tap  **Add actions** (B) to add new action.



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

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** screen, tap **Delete** (A) and then tap **OK** (B).



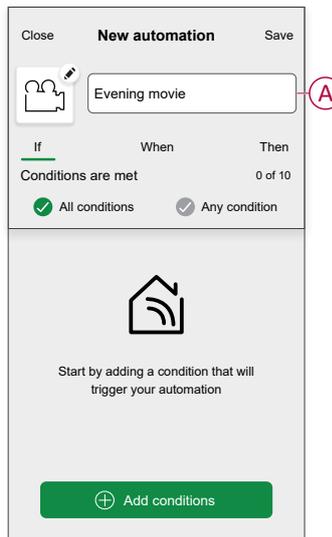
Automation

An automation allows you to trigger an action automatically or at scheduled times when certain conditions are met. By using the Wisier 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

1. On the **Home** screen, tap .
2. Go to **Automation** and then tap  to create an automation.
3. Enter a 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.

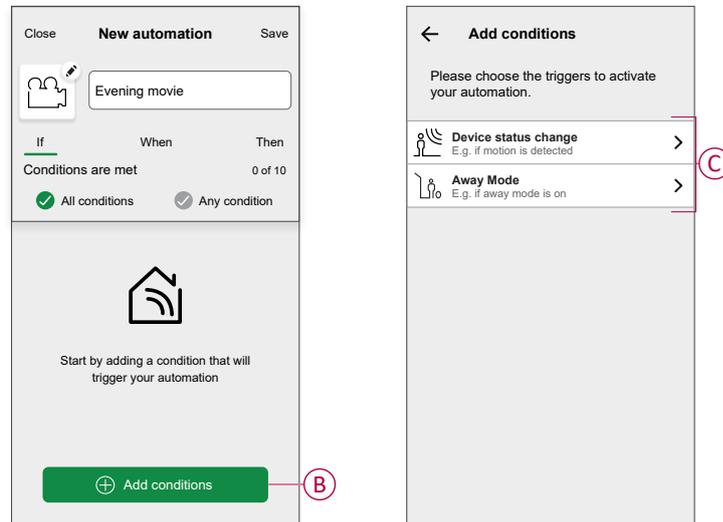
TIP: You can choose the cover image that represents your automation by tapping .



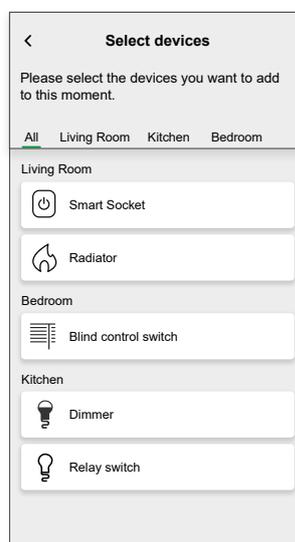
4. Tap **Add conditions** (B) and select any of the following (C):

- **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. Refer to the **Away Mode** topic in the respective 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 closed state of a blind control switch.



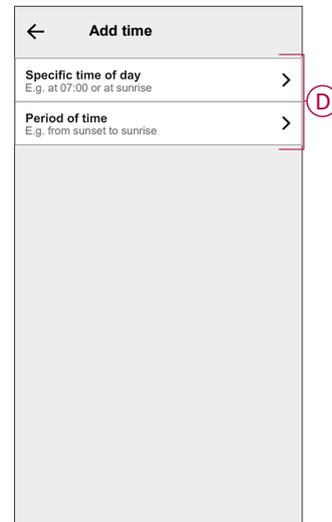
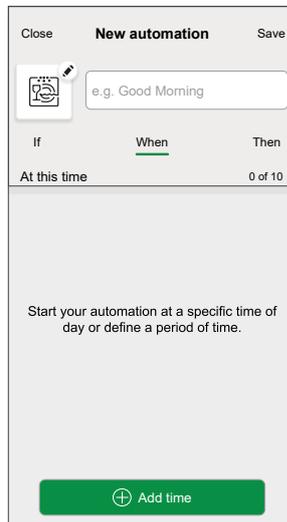
- b. After selecting the device, tap **Set** on the top-right screen.

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.

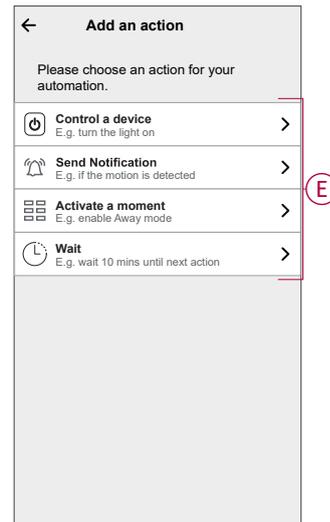
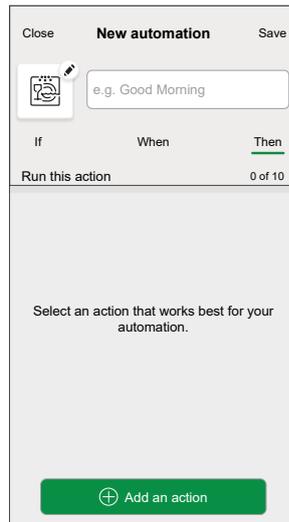
- **Specific time of day** - The automation will trigger at a specific time of the day, such as at sunrise, sunset, or at 8:00 AM.
- **Period of time** - The automation will be trigger during time periods such as from sunrise to sunset, from sunset to sunrise, or from 8:00 AM to 5:00 PM.



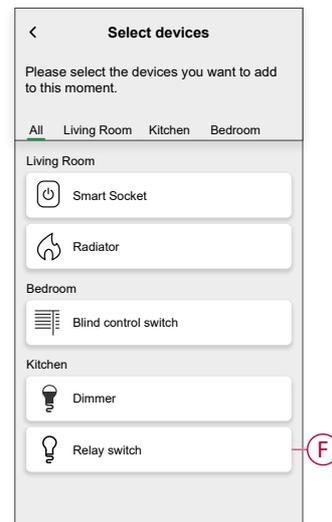
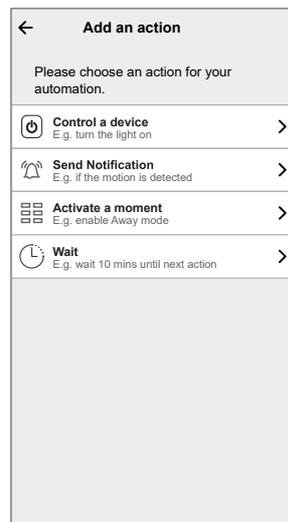
6. To add an action, tap **Then > Add an action** and select any of the following (E):

NOTE: Maximum 10 actions can be added.

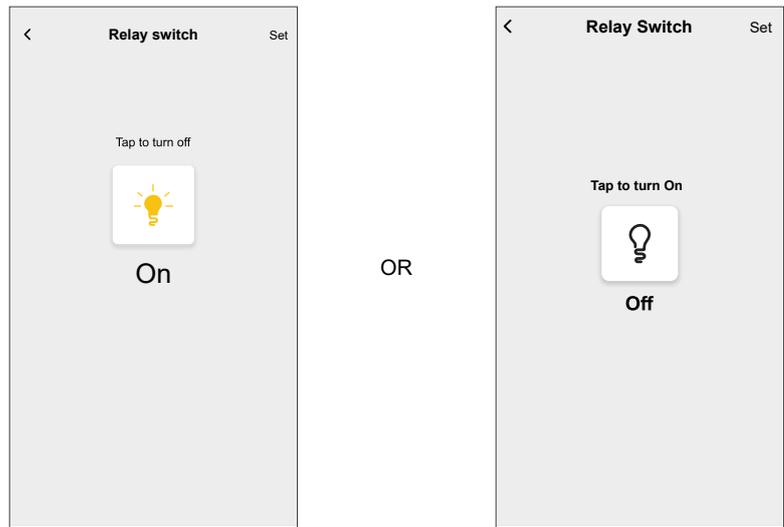
- **Control a device** - Select the device and set the desired state of the device.
- **Send notification** - You will be notified if the condition is met.
- **Activate a moment** - Select a Moment to activate during the automation.
- **Wait** - This option allows you to add a delay in an automation 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.



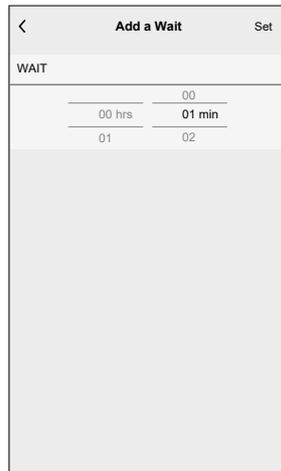
- a. In this example, we will select for **Control a device** and choose **Relay switch** (F) as the device to trigger an action.



- b. Set the state, such as turning the relay switch On/Off. Then, tap **Set** on the top-right screen.

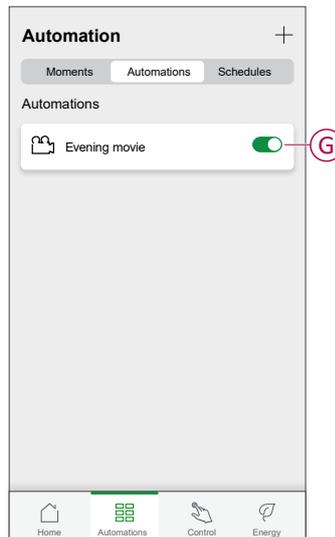


- c. Again, tap **Add an action** and select **Wait** option.
- d. Scroll through the minutes and set the wait time to 1 minute. Then, tap **Set** on the top-right screen.



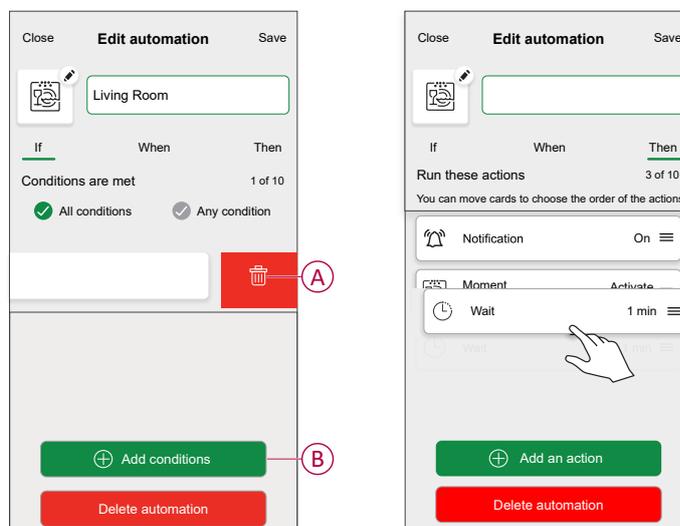
7. Tap **Save**.

The saved automation is displayed on the **Automation** tab. Tap the toggle switch (G) on the Automation tab 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** 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.

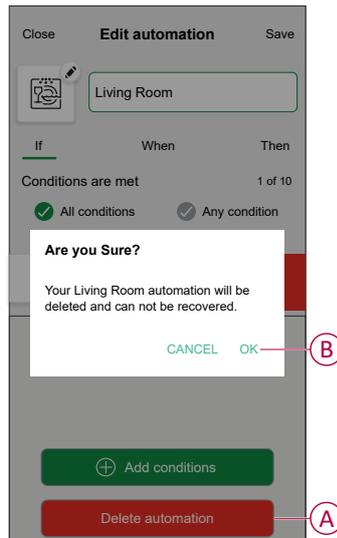


4. Tap **Save** to save the changes.

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).



Resetting the device

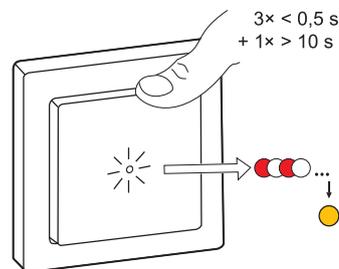
You can reset the device to factory default manually.

Short-press the push button 3 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.



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. 

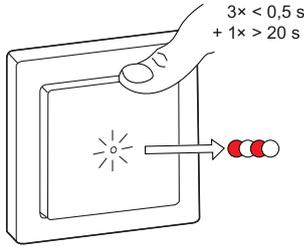
Resetting

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 relay switch is in reset mode. It is reset to the factory settings after 10 seconds. The relay switch 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 connected devices blinks On/Off, upon successful identification of the relay switch.

Different connectivity mode

LED Indication	Status
The LED blinks green and red while pairing. 	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. 

Technical Data

Nominal voltage	AC 230 V, 50 Hz		
Nominal power	Load type	Load name	Load value
	 LED	LED	200 W
		Motor	1000 VA
		Iron core transformer	500 VA
		Incandescent lamp	2200 W
		Halogen lamp	2000 W
		Fluorescent lamp	200 W
		Electronic step-down converter	1050 VA
		Capacitive load	10 A, 140 μ F
Standby	Maximum 0.4 W		
Connecting Terminals	Screw terminals for max. 2 x 2.5 mm ² , 0.5 Nm		
Extension unit	Single Push-button, unlimited number, max. 50 m		
External fuse protection	16 A circuit breaker		
Nominal current	10 A, $\cos\varphi = 0.6$		
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 (EOLI) and much more.

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