Odace - Connected Single Socket Outlet 16 A

Device user guide

Information about features and functionality of the device.

05/2023

www.se.com

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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.

Odace - Connected Single Socket Outlet 16 A

S5x0559

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 Single Outlet 16 A (hereinafter referred to as a **Socket outlet**) is a connected electrical outlet designed to manage and control electrical devices in a convenient and efficient manner.

The Socket outlet is equipped with:

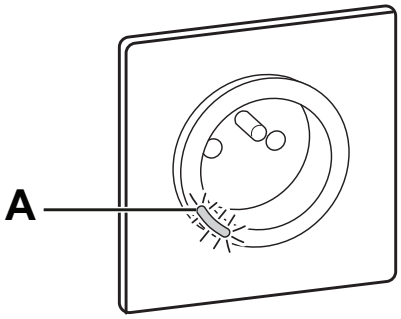
- Temperature protection mechanism: When the Socket outlet is used with a high load over a long time, the mechanism can switch off the Socket outlet, ensuring overheat protection.
- Overload protection mechanism: When the Socket outlet is used with a high load (~18A or higher), the mechanism can switch off the Socket outlet, ensuring overload protection.

Features of a Socket outlet:

- **Remote access**: You can switch On/Off the Socket outlet using the app or through a connected wireless switch or through voice control (Google Home, Amazon Alexa, Siri) in addition to using the On/Off button on the device itself.
- **Power consumption:** You can monitor power (W) consumption using the app.
- **Easy installation**: The Socket Outlet fits in existing wall boxes (40 mm), no separate wall box requirement.
- **Easy scheduling**: You can create a schedule for the various device functions in an easy manner as per your specific requirements for comfort and convenience.
- **High safety**: The integrated overload and overheat protection ensures that the Socket outlet is safe at all times.

Operating element

A. Push button with status LED



Installing the device

Refer to the installation instruction supplied with this product.

Quick Home Connect

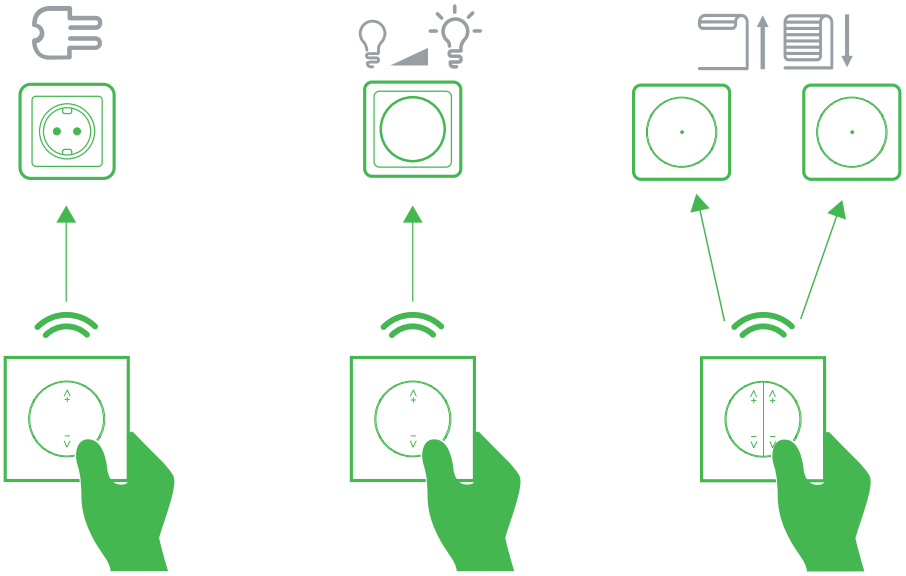
About Quick Home Connect

Quick Home Connect is your starting point for wireless home automation. It performs functions like switching, dimming and shutter control using a Connected Wireless Switch (hereinafter referred to as Wireless switch) via a Zigbee network.

IMPORTANT: Applicable only for products sold as a part of Quick Home Connect kits.

Quick Home Connect is a wireless connectivity solution for Zigbee devices without the need for a Hub or smartphone application.

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



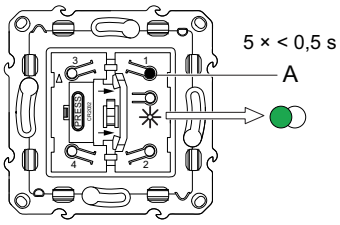
Supported devices

- Connected Universal Rotary Dimmer (Rotary dimmer)
- Connected Blind Control Switch (Blind control)
- Connected Single Socket Outlet (Socket outlet)

Pairing Wireless switch with Socket outlet

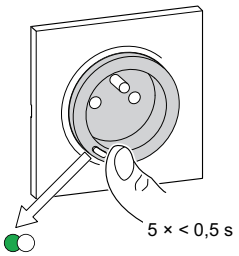
1.

The status LED blinks green.



2. Short press the push-button of the Socket outlet 5 times in quick succession.

The status LED blinks green.



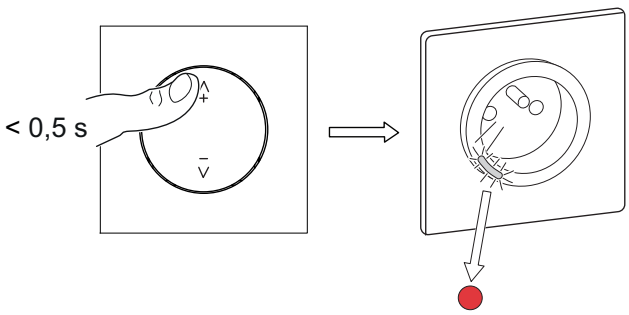
When successfully paired, the green blinking stops on the Wireless switch and the Socket outlet.

3. Assemble the 1-gang rocker on the Wireless switch.

Operating a Socket outlet

You can turn on or off the socket outlet using the Wireless switch.
Short press the top (∧+) or bottom (v-) Wireless switch (< 0,5 s) to turn on or off the socket.

The LED glows red indicating that the Socket outlet is turned on.



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.
  - Refer to Resetting the Socket outlet, page 27.

  When reset is done successfully. The **Wireless switch** and device returns to **factory default**.
- Revert the **Wireless switch** from 2-gang to 1-gang operation.
- **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, page 10.

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 in Socket outlet.	Pairing not completed and returned to factory reset.	Pair the Wireless switch and the device again. Refer to Pairing the Wireless switch with Socket outlet, 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 or battery drained.	• Pair the device again. Refer to Pairing the Wireless switch with Socket outlet, page 8. • Replace the battery of the Wireless switch.
	Pairing different devices like Rotary dimmer and Blind control to the same channel of the Wireless switch.	Reset the Wireless switch and pair the devices again with different channels. Refer to Reset the Wireless switch and Pairing the device in Quick Home Connect.

Scenario	Procedure
Central control of multiple devices with Wireless switch. (Applicable only for users with multiple Home Connect kits).	If you wish to have a centralized control with a single Wireless switch, first pair the central control Wireless switch with devices and then pair the other Wireless switch with the remaining devices.

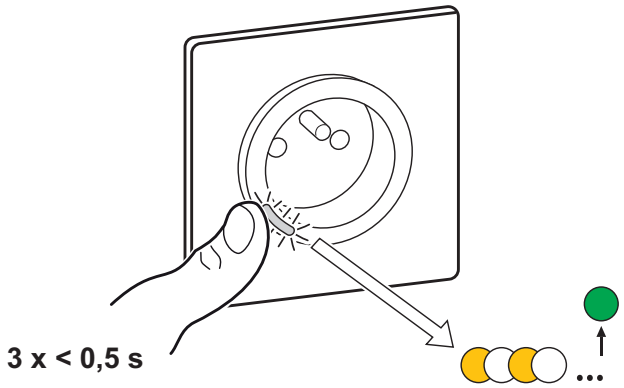
Pairing the device with Wiser Hub

Using the Wiser Home app, pair your Socket outlet with the **Wiser Hub** to access and control the Socket outlet.
To pair the Socket outlet:

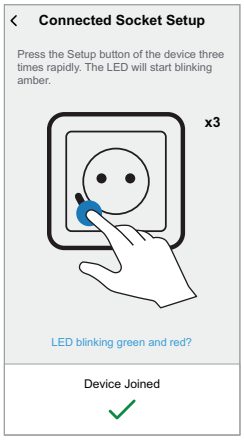
1. On the Home page, tap .
2. Tap **Devices >** and tap **Appliances > Connected Socket > Next**.

   TIP: The next screen shows the joining process of Socket outlet.
3. Short press the push button 3 times on the Socket outlet.

   Make sure the LED blinks amber.



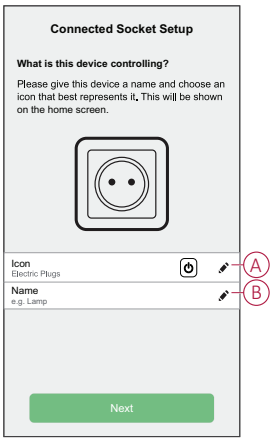
4. Wait for a few seconds until the LED turns green. You can also see in the app that the Socket outlet is joined.



5. Once the device is joined, tap (A) and select an icon suitable for your load and tap **Save**.

   NOTE: Electric plug icon is assigned by default.

6. Tap (B) and assign a name.



7. Tap **Next** to assign the Socket outlet to an existing room or a new room.
8. Tap **Submit**.

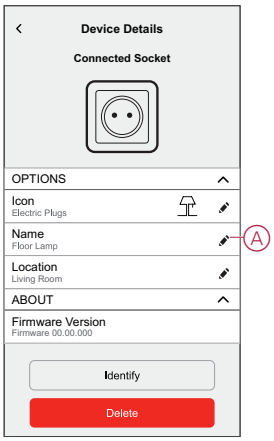
You can see the added Socket outlet on the **Home** page under the room tab or under **ALL** devices.

Configuring the device

Renaming the device

Using the Wiser Home app, you can rename your Socket outlet.
To rename the Socket outlet:

1. On the Home page, tap .
2. Tap **Devices > Connected Socket > Device Name** (A) to rename the Socket outlet.

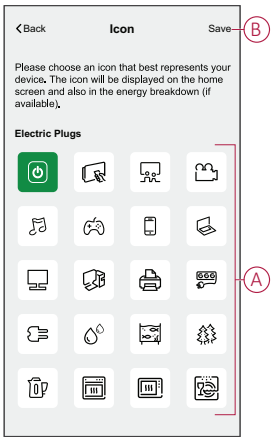


Changing the icon

You can change the icon of the device.

1. On the **Home** page, tap **> Devices > Connected Socket**.
2. Tap **Icon**, select an icon of your choice (A) and tap **Save** (B).

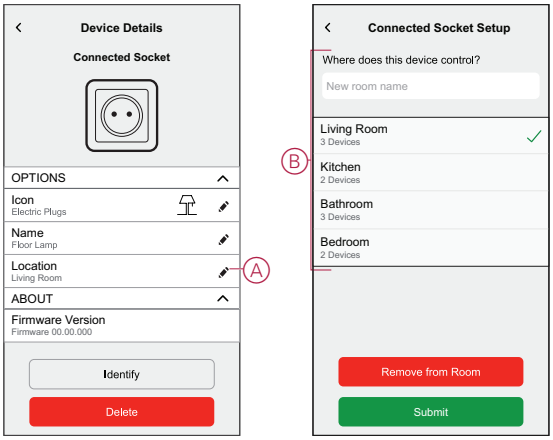
   IMPORTANT: If you have installed Socket outlet and PowerTag, changing the icon to another category will delete all the historical data. Refer to Energy view of individual devices.



Setting the device location in the room

Using the Wiser Home app, you can assign your Socket outlet to any room (such as bedroom, living room, dining room etc.).
To assign a Socket outlet to a room:

1. On the Home page, tap ⚙.
2. Tap **Devices > Connected Socket > Location** (A) to assign the Socket outlet to the existing room or a new room (B) and tap **Submit**.



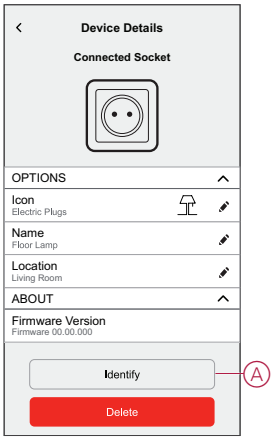
Identifying the device

Using the Wiser Home app, you can identify a Socket outlet from the other available devices in the room.
To identify the Socket outlet:

1. On the Home page, tap .
2. Tap **Devices > Connected Socket > Identify** (A).

   NOTE:

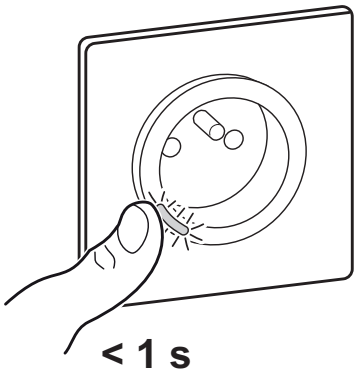
   - This feature flashes the Socket outlet LED, so you can identify the actual device. It may take up to a minute to start and flash the Socket outlet LED.
   - The socket LED will continue to flash until you tap **OK**.



Using the device

Switching operation manually

You can turn On/Off the Socket outlet manually by pressing the push-button. The LED turns red (default settings), which indicates the power output is On from the Socket Outlet.

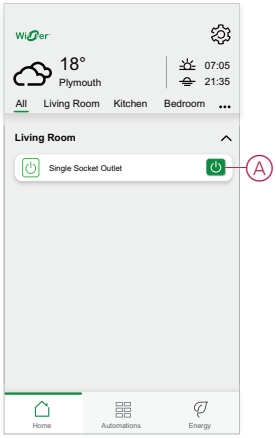


Switching operation using the app

Using the Wiser Home app, you can turn On/Off the Socket outlet remotely.

To turn on/off the Socket outlet:

1. Go to the Home page, tap **All** devices or a room tab where the Socket outlet is located.
2. Tap (A) to turn On/Off the Socket outlet.

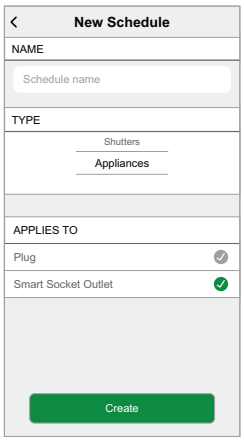


Create or assign a schedule

Using the Wiser Home app, you can create or assign a schedule to the Socket outlet.

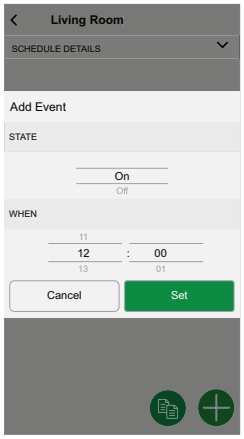
To create or assign a schedule:

1. On the **Home** page, tap .
2. Go to **Schedule** tab, tap .
3. Enter the Schedule name and select **Appliances** from the **TYPE** menu.
4. Select the **Smart Socket Outlet** from the **APPLIES TO** menu and tap **Create**.



The next screen shows by default an Event for the week that can be modified.

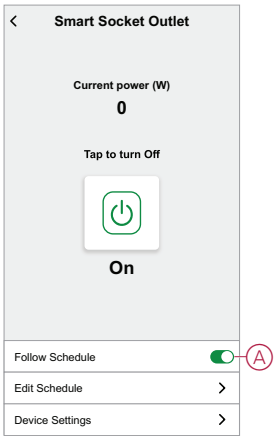
5. Tap to add an event such as **STATE** (on/off) and **WHEN** (sunrise/sunset or specific time range).



NOTE: Tap to copy the schedule from one day to other days or copy the entire schedule to a new schedule or to an existing one.

6. Tap **Set** to save the schedule.

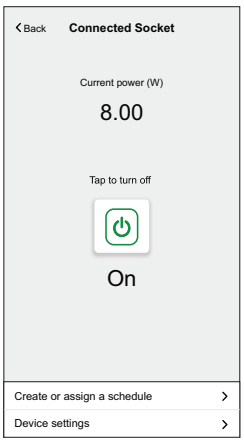
   NOTE: On the home page, use the (A) to turn on/off **Follow Schedule**.



Monitoring energy consumption

Using the Wiser app, you can monitor the energy consumption of the load connected to the device.
To check the energy consumption:

1. On the **Home** page, tap **All devices** > **Connected Socket**.
2. When the socket outlet is turned on, the power consumption is displayed in watts (W).



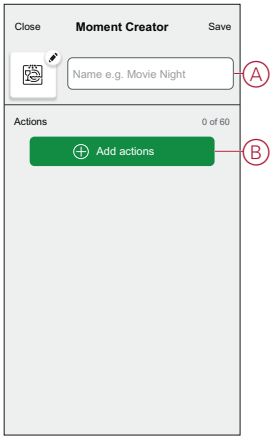
TIP: The power consumption varies depending on the load connected to the socket outlet.

Creating a moment

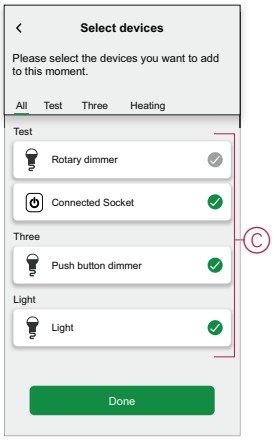
Moment allows you to group multiple actions that are usually performed together. By using the Wiser Home app, you can create moments based on your needs. To create a moment:

1. On the **Home** page, tap .
2. Go to **Moments** > to create a moment.
3. Enter the name of the moment (A).

   TIP: You can choose the cover image that best represents your moment by tapping .
4. Tap **Add actions** (B) to select the list of devices.

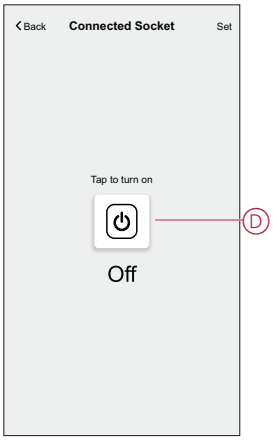


5. In the **Add actions** menu, you can select the devices (C).



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

7. On the **Moment creator** page, tap on the device to set the condition. For example, select connected socket.
   – Tap (D) to turn on.



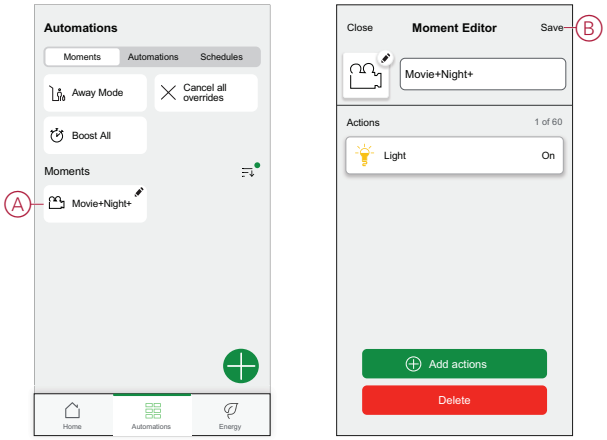
   When the desired condition is set, tap **Set**.
8. Once all conditions are set, tap **Save**.

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

Editing a moment

To edit a moment:

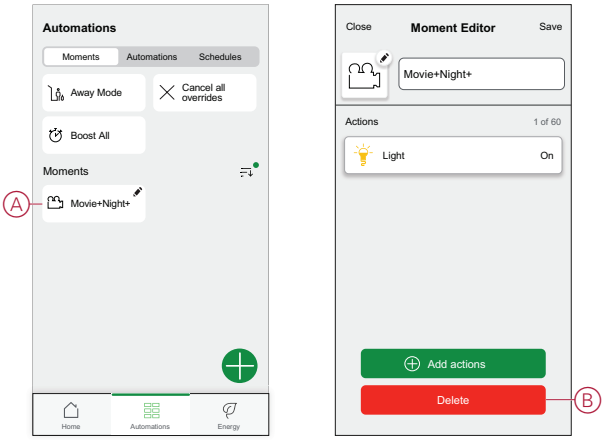
1. On the **Home** page, tap .
2. Go to **Moments**, locate the moment you want to edit and tap (A).
3. On the **Moment Editor** page, you can tap each item to change the settings and tap **Save** (B).



Deleting a moment

To delete a moment:

1. On the **Home** page, tap .
2. Go to **Moments**, locate the moment you want to delete and tap (A).
3. On the Moment Editor page, tap **Delete** (B) and tap **Ok**.

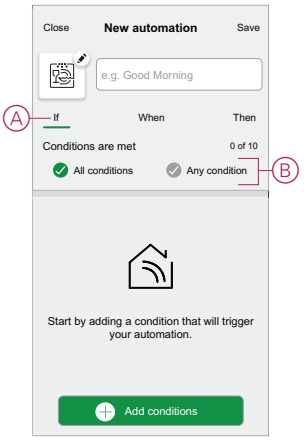


Creating an automation

An automation allows you to group multiple actions that are usually done together, triggered automatically or at scheduled times. By using the Wiser app, you can create automations based on your needs.
To create an automation:

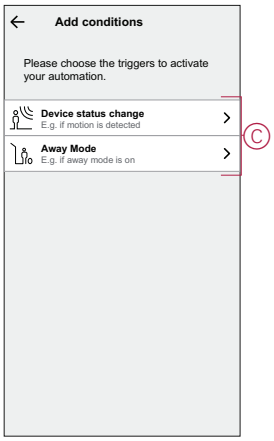
1. On the **Home** page, tap .
2. Go to **Automation** > to create an automation.

   NOTE: Max. 10 automations can be added.
3. 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.



4. 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.

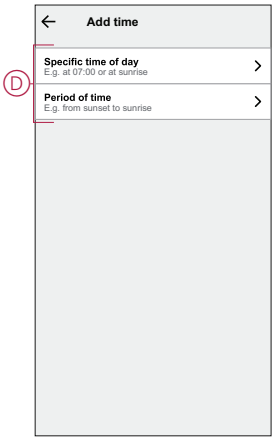
     TIP: Away mode can also be used as a trigger to turn off the lights, dimmer or closing the shutter etc. For more information refer to Away mode.



NOTE:

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

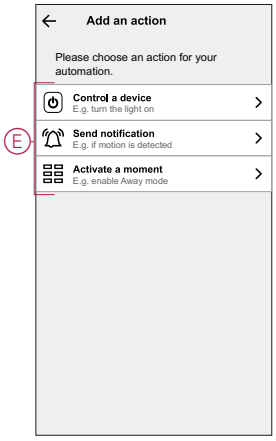
5. To set a specific time for your automation, tap **When** > **Add time** and select any of the following (D):
   - **Specific time of the day: Sunrise, Sunset, Custom.**
   - **Period of time: Daytime, Night time, Custom.**



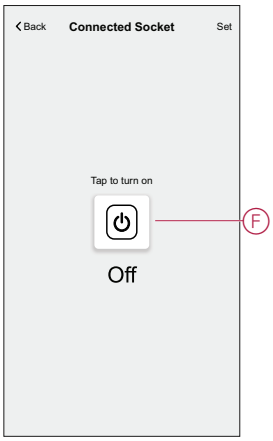
NOTE:

- Max. 10 entries can be added.
- To remove a specific time, swipe left and tap .

6. 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.



7. Tap **Control a device** > **Connected Socket**, tap (F) to turn on/off, then tap **Set**.

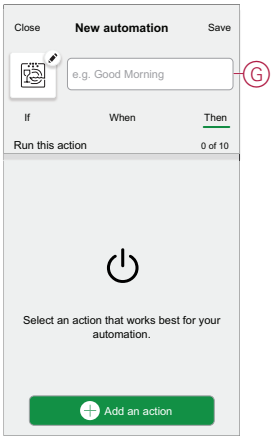


NOTE:

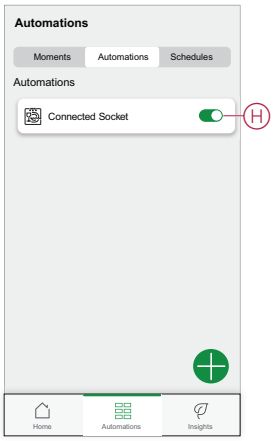
- Max. 10 actions can be added.
- To remove an action, swipe left on the action and tap .

8. Enter the automation name (G).

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



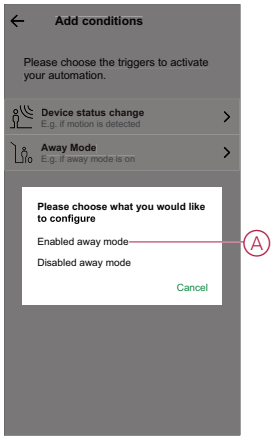
9. Tap **Save**.
   Once the automation is saved, it is visible on the **Automation** tab.
   Using the (H) you can enable or disable the automation.



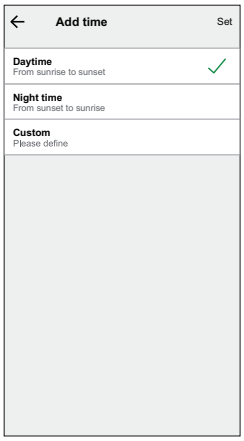
Example of an automation

In the example below, if away mode is enabled during daytime then the Connected Socket will turn Off.

1. Go to **Automation** > to create an automation.
2. To add a condition, tap **Add Condition** > **Away Mode** > **Enabled away mode** (A).

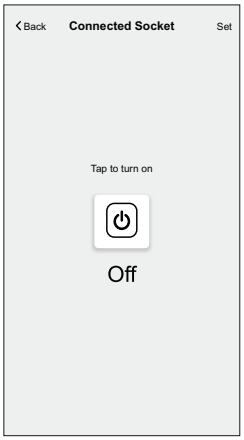


3. Read the information and tap **OK**.
4. To set the time, tap **When** > **Add time** > **Period of time** > **Day time** > **Set**.



5. To add an action, tap **Then** > **Add an action** > **Control a device** > **Connected Socket** > **Set**.

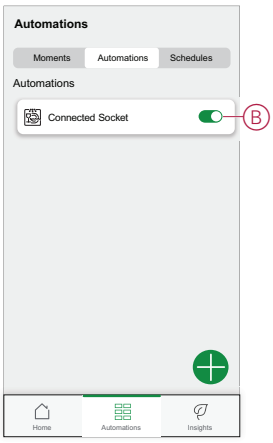
   TIP: You can turn on/off the socket.



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

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

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



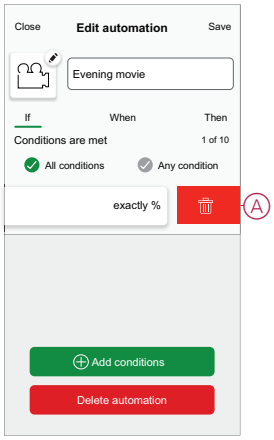
   NOTE: You can enable or disable automations on the **Automation** tab by using (B).

Editing an automation

To edit an automation:

1. On the **Home** page, tap .
2. Go to **Automation**, tap the automation you want to edit.
3. On the **Edit automation** page, you can:
   - Change the icon.
   - Rename the automation.
   - Change/Delete the condition or action.

4. Remove the Condition or Action by swiping it to the left and tapping the **bin** (A).

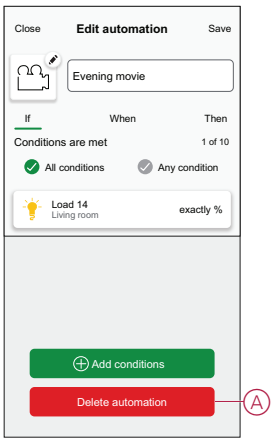


5. Add a new condition or action and then tap **Save**.

Deleting an automation

To delete an automation:

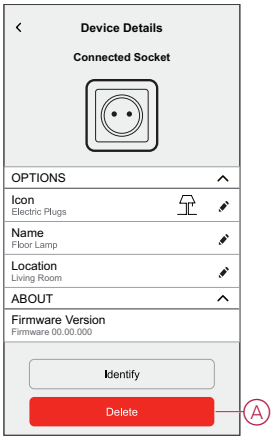
1. On the **Home** page, tap .
2. Go to **Automation**, tap the automation you want to delete .
3. On the Edit automation page, tap **Delete Automation** (A) and tap **Ok**.



Removing the device

Using the Wiser Home app, you can remove the Socket outlet from the Wiser system.
To remove the Socket outlet:

1. On the Home page, tap .
2. Tap **Devices > Connected Socket > Delete** (A).

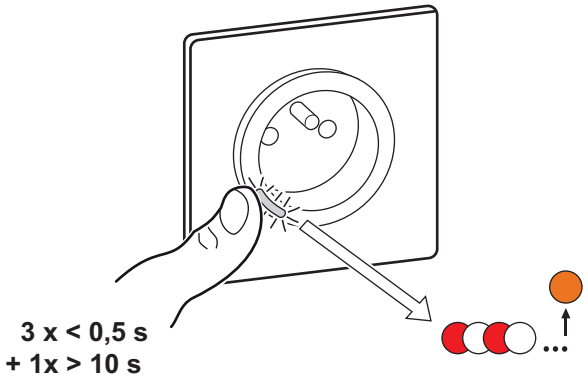


Resetting the device

You can reset the Socket outlet to the factory default. It can be reset manually at any time, e.g., when the Hub is replaced.

Short press the push button 3 times and hold for 10 seconds to reset the device to the factory default mode.

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



LED indications

Pairing the device

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

Resetting the device

User Action	LED Indication	Status
Press the push button 3 times and hold it down once for > 10 s.	After 10 s, the LED starts blinking red.	The device is in reset mode. It is reset to the factory settings after 10 seconds. The device then restarts, and the LED glows solid orange.

Setting (Default state)

LED Indication	Description
The Red LED glows.	The Red LED glows when the output is switched ON.
All the LEDs are OFF.	The LEDs are OFF, when the output is OFF.

Alarms

LED Indication	Description
Blinking red fast	When there is an overload or over-temperature alarm and the device is switched off. Refer to the Troubleshooting, page 28 to clear the alarms.

Troubleshooting

Symptom	Possible cause	Solution
The Socket outlet is not turning ON.	The Socket outlet is broken, or there could be an alarm if the LED blinks red.	First, power cycle the Socket outlet and check if it works afterwards. If it is still not working, you can replace the Socket outlet.
User cannot switch ON the output locally or remotely until the alarm is cleared. LED blinks fast RED.	Clear the Socket outlet alarms.	To clear the alarm, press and hold the push button for 4 seconds. After 4 seconds, the blinking will stop and the alarm will be cleared, you can use the Socket outlet again. Before clearing the alarm, you should take care of the reason why overload/temperature happened for safety.

Technical Data

Nominal power rating for load type		
	Incandescent lamp	2000 W
LED	LED	100 W, 12µF
	Iron core transformer	1500 VA
	Motor	1600 VA, max 7 A
	Electronic step-down converter	2000 VA
R	Resistance	3680 W
C	Capacitance	6 AX, max. 70 µF
L	Inductance	16 A, cos φ = 0.6

Nominal voltage:	AC 230 V~, 50 Hz
Standby:	max 0.4 W
Fuse protection:	16 A miniature circuit breaker
Connecting terminals:	Terminals for max. 2x2.5 mm²
Operating frequency:	2405-2480 MHz
Max. radio-frequency power transmitted:	< 10 mW
Protection:	IP20
Measuring accuracy:	± 1 %for loads > 25 W
Communication protocol:	Zigbee 3.0 certified

Compliance

Compliance information for Green Premium products

Find and download comprehensive information about Green Premium products, including RoHS compliance and REACH declarations as well as Product Environmental Profile (PEP) and End-of-Life instructions (EOLI).

https://checkaproduct.se.com/

General information about Green Premium products

Click the link below to read about Schneider Electric's Green Premium product strategy.

https://www.schneider-electric.com/en/work/support/green-premium/

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Schneider Electric
35 rue Joseph Monier
92500 Rueil Malmaison
France

+ 33 (0) 1 41 29 70 00

www.se.com

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