Wiser Adapter

Device User Guide

Information about features and functionality of the devices.

05/2023

www.lk.dk

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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.

Wiser Adapter

550B6000

For your safety

⚠WARNING

HAZARD OF UNINTENDED USE

The device is intended to be used for non-critical automation activities. It is not intended to support life, safety, or medical equipment.

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

⚠CAUTION

RISK OF DAMAGE TO DEVICE

- The plug must be used indoors only.
- Do not connect any devices that depend on a permanent power supply.
- Do not mix different load types in the controlled socket.
- Do not use multi-sockets in the controlled socket.
- Do not use for EV charging.
- To disconnect the plug from the power supply, pull it out of the socket outlet or turn Off the fuse in the incoming circuit.
- Do not connect plugs one after another.

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

About the device

The Wiser Adapter (hereinafter referred to as **Plug**) is a Wi-Fi® operated device that is used as a plug adapter to control various electrical devices such as floor lamps, radios, ventilators or coffee machines manually or using Wiser app. The Plug can also monitor energy consumption of plugged-in devices. The wall socket needs to be switched On for it to function.

IMPORTANT:

- Do not connect any devices that depend on a permanent power supply.
- Do not insert the Plug into socket outlets that are behind large objects or furniture such as refrigerators or cabinets that reduces the radio reception.

Control options

Home control: Control the Plug in your home through the Wiser app.

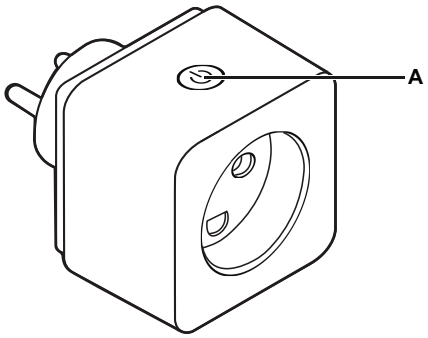
Direct operation: The Plug can always be controlled directly on-site. To do this, you can switch On/Off the device manually, page 12.

Functions

- Switching On and Off plugged-in devices manually and remotely via app.
- Setting a timer or a time schedule (via app)
- Visibility of load status (via app)
- Monitoring and visualization of energy consumption (via app)

Operating elements

A: Operation button with status LED



Installing the device

Refer to the installation instruction supplied with this product.

See Wiser Adapter.

Downloading the app

Install the app on a mobile phone to commission and work with the Wiser system and devices.

1. Perform one of the following:
   - **For Apple mobile phones:** Visit https://itunes.apple.com/us/app/wiser-by-se/id1026806919?ls=1&mt=8.

     Scan QR code to download app for Apple devices

   - **For Android mobile phones:** Visit https://play.google.com/store/apps/details?id=com.schneiderelectric.WiserBySE.

     Scan QR code to download app for Android devices

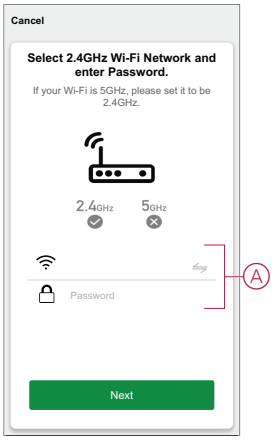
Pairing the device

Using the Wiser app, pair your device with the local Wi-Fi network to control the device remotely

Before you pair the device, download the Wiser app, page 6 to your mobile device. To pair the device:

1. On the **Home** page, tap **+** and tap .
2. Select the **Wi-Fi network**, enter the **Password** (A) and tap **Next**.

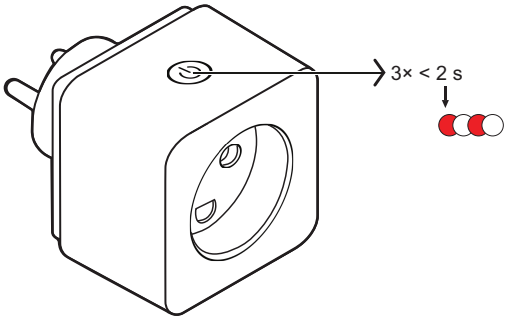
   NOTE: Help to ensure to first connect your mobile phone to the home Wi-Fi and select 2.4 GHz network.



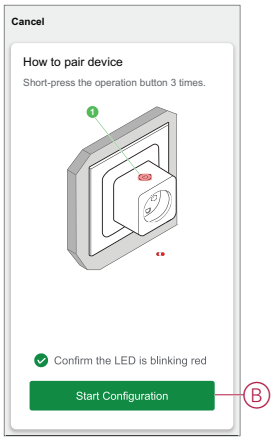
3. Insert the Plug to a power supply to turnon the device.

4. Short press the operation button 3 times within 2 seconds on the device regardless of whether it is on or off.

   Help to ensure that the LED blinks red.



5. In the Wiser app, select **Confirm the LED is blinking RED** and tap **Start Configuration** (B) .



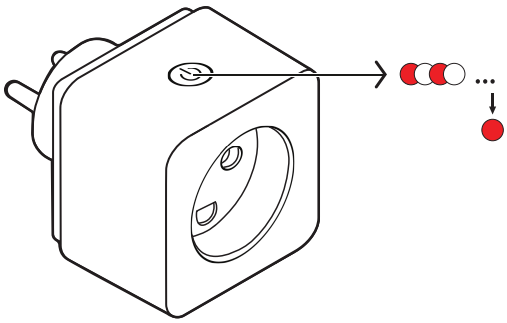
   The app displays the progress of connecting the device.

6. Wait for a few seconds until the device is connected and the app shows that the device is added successfully.

   The red LED on the Plug shows that it is successfully connected to the Wi-Fi network and ready to use.

   NOTE:

   - If the operation button is on before you start pairing, then the LED will glow red when the pairing is complete.
   - If the operation button is off before you start pairing, then the LED will turn Off when the pairing is complete.



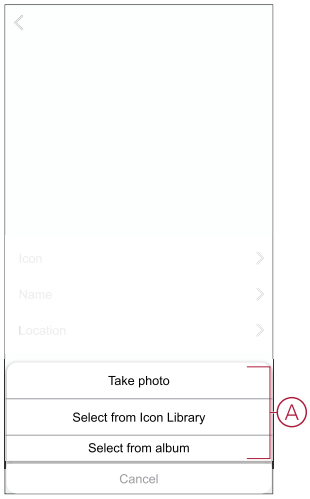
7. Once the device is connected, tap **Done**.

Configuring the device

Changing the device icon

You can change the device icon using the Wiser app.

1. On the **Home** page, select the device for which you wish to change the icon.
2. At the top-right corner of the screen, tap .
3. Tap edit next to the device name.
4. Tap **Icon** to view the menu.
5. In the slide-up menu, select any one of the following (A) to change the device icon:
   - **Take photo** - allows you to click a photo from the mobile camera.
   - **Select from Icon Library** - allows you to select an icon from the app library.
   - **Select from Album** - allows you to select a photo from the mobile gallery.

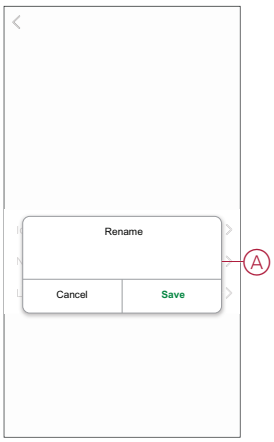


Renaming the device

You can rename the device using the Wiser app.

1. On the **Home** page, select the device for which you wish to rename.
2. At the top-right corner of the screen, tap .
3. Tap edit next to the device name.

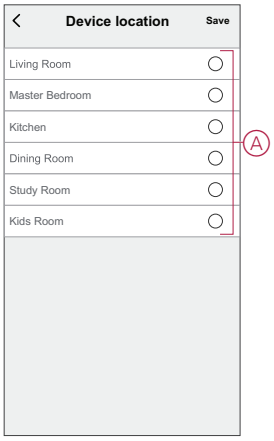
4. Tap **Name**, enter the new name (A) and then tap **Save**.



Changing the device location

You can change the device location using the Wiser app.

1. On the **Home** page, select the device for which you wish to change the location.
2. At the top-right corner of the screen, tap .
3. Tap edit next to the device name.
4. Tap **Location**.
5. Select the desired location from the list (A) and then tap **Save**.

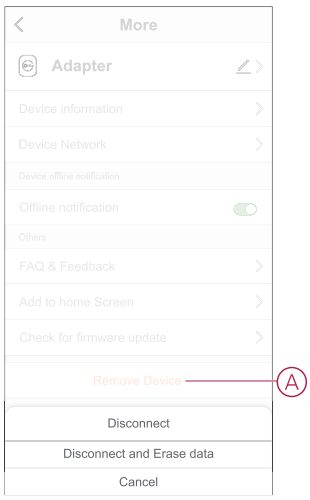


Removing the device

Using the Wiser app, you can remove a device from the device list.
To remove the device:

1. On the **Home** page, tap **All devices** > **Adapter**.
2. Tap to display more details.

3. Tap **Remove Device** (A) and select one of the following:
   – **Disconnect** - The device is disconnected from Wi-Fi
   – **Disconnect & Erase Data** - The device is disconnected from Wi-Fi and erases the app data



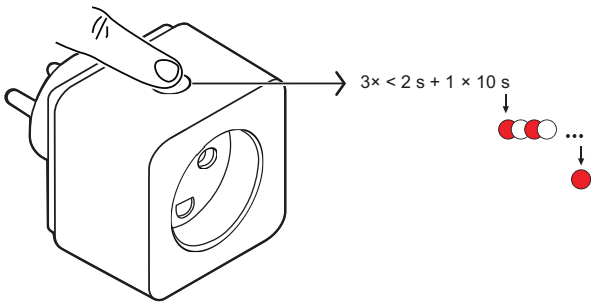
TIP: On the **Home** page tap and hold **Adapter** to remove the device.

NOTE: By removing the device, you will reset the device. If you still have a problem with the reset, then refer to reset the device manually, page 11.

Resetting the device

You can reset the device to factory default manually.
To reset the device:

1. Short press the operation button 3 times within 2 seconds and then long press the operation button once (>10 s).
2. After 10 s, LED starts blinking red then release the operation button.
   The LED stops blinking upon successful reset of the device.
3. The Plug restarts and starts to blink red indicating the pairing mode.



Using the device

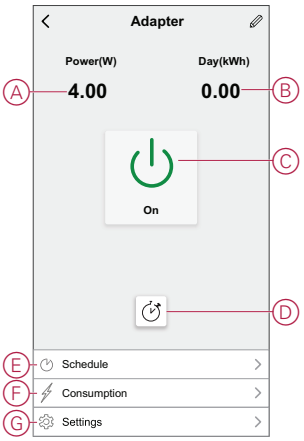
On the **Home** page, tap **All devices** > **Adapter** to access the control panel.

On the device control panel page, you can see the following:

- Power (W) - The load value of the device connected to the Plug (A)
- Day (kWh) - The total energy consumption of the device connected to the Plug per day (B)

  NOTE: The total energy consumption per day value will automatically reset to zero at 00:00 hrs everyday.

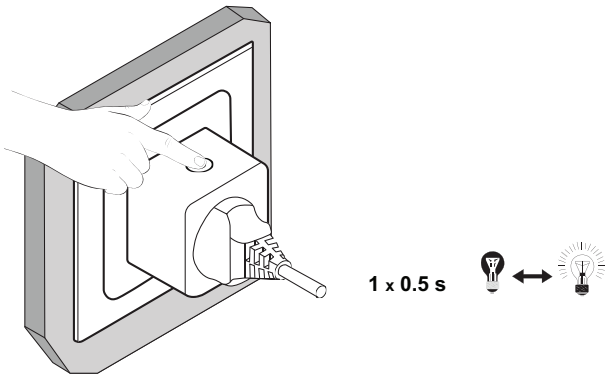
- The current state of the Plug (C)
- One-Time Timer, page 13 (D)
- Schedule, page 14 (E)
- Consumption, page 14 (F)
- Settings, page 15 (G)



Switching On/Off the device manually

You can switch on/off the Plug manually. The Plug will provide power to the electrical appliance connected to it.
Short press the operation button on the device once to switch On/Off the Plug.

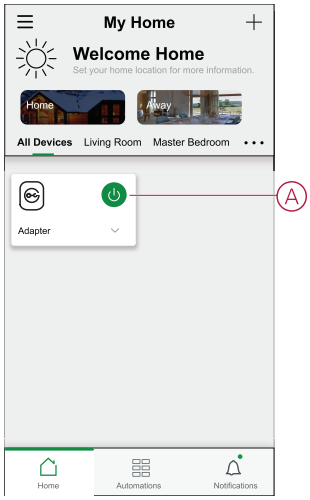
The red LED indicates the On status of the Plug.



Switching On/Off the device using app

Using the Wiser app, you can switch on/off the Plug.
To switch the Plug on/off:

1. On the **Home** page, tap the power button (A) to switch on/off the device.



2. Alternatively, you can navigate to the control panel, page 11 of the device and tap ⏻ to switch on/off the Plug.

   NOTE: The control panel shows the current state of the Plug.

Setting the one-time timer

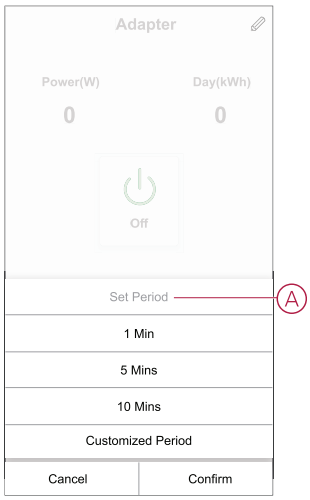
The One-Time Timer toggles the existing status of the Plug after the selected timer duration is over. Using the Wiser app, you can set the temporary timer to turn on/off the Plug.
To set the timer:

1. On the **Home** page, tap **All devices** > **Adapter**.
2. Tap ⏱ to display set period.
3. In the slide-up menu, select the **Set Period** (A) and tap **Confirm**.

   NOTE:

   - The **Customized Period** option allows you to set the timer duration for up to 5 hours.
   - The countdown of the timer is updated every 30 seconds.
   - If the Permanent Timer, page 15 is turned on, then the One-Time Timer is disabled.

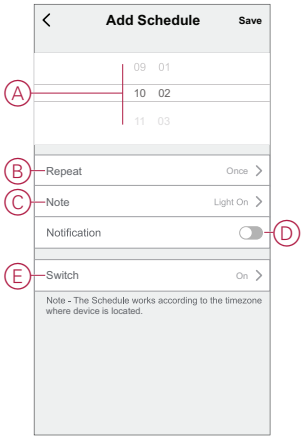
4. To turn off the timer before the timer duration is over, tap ⏱.



Creating a schedule

The Plug 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.
To create a schedule:

1. On the **Home** page, tap **All devices** > **Adapter**.
2. Tap **Schedule** > **Add schedule** to add a schedule.
3. Set the time (A).
4. Tap **Repeat** (B) to select the days you want to set the schedule.
5. Tap **Note** (C), enter the note and tap **Confirm**.
6. Tap the toggle switch (D) to turn on the **Notification** for the schedule. The app will send a notification that the scheduled task is executed at the time of schedule.
7. Tap **Switch** (E) and select one of the options:
   - **On** - Turns on the Plug at the scheduled time
   - **Off** - Turns off the Plug at the scheduled time



8. Tap **Save**.

Checking the energy consumption

Using the Wiser app, you can monitor the energy consumption of the load connected to the device by accessing the consumption feature.

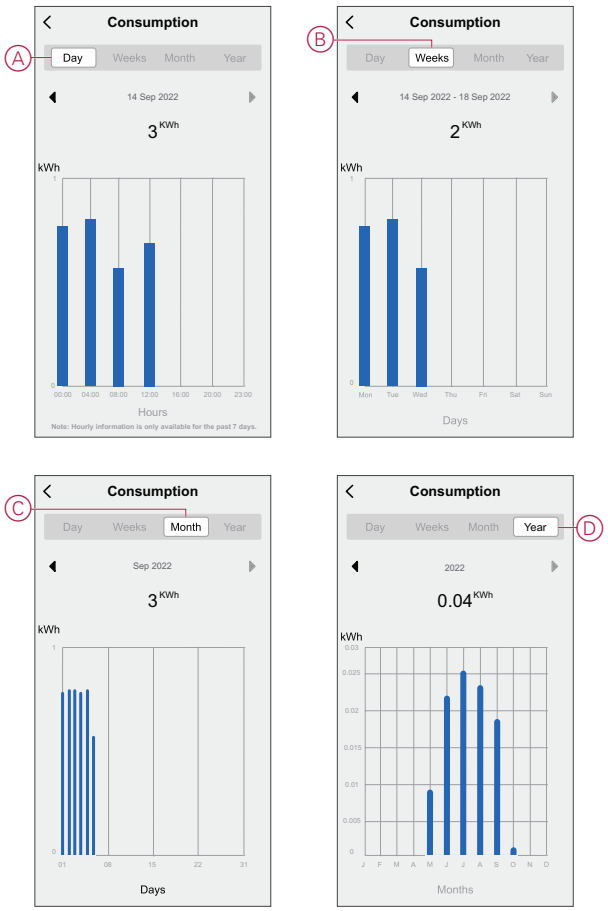
TIP: You can see the daily real-time energy consumption value of the load connected to the device on the control panel, page 11 of the device.

To see the device energy consumption history:

1. On the **Home** page, tap **All devices** > **Adapter**.
2. On the device control panel page, tap **Consumption**.

3. In the **Consumption** page, you can see the total energy consumption and it's changes in Day (A), Week (B), Month (C), and Year (D) view in the graph.

   You can tap each bar on the graph to see the total energy consumed on a particular time/day/month.



Managing Plug settings

Using the Wiser app, you can manage various settings of the Plug.

To access the plug settings:

1. On the **Home** page, tap **All devices** > **Adapter**.
2. On the device control panel page, tap **Settings**.

Permanent timer

When the Plug is switched on, the permanent timer turns it off after the selected timer duration is over until the setting is disabled. When the permanent timer is on, the One-Time Timer, page 13 on the device control panel page is disabled.

To turn on the permanent timer:

1. Tap the toggle switch (A) to turn on the **Permanent Timer**.

   This opens the Permanent Timer Duration option.

2. Tap **Permanent Timer Duration** (B), select the timer duration and tap **Confirm**.

   NOTE: The **Customized Period** option allows you to set the timer duration for up to 5 hours.

EXAMPLE: If you select the timer duration as one minute, then the Plug automatically turns off after one minute.

Power outage status

When power is restored after a power outage, the power outage status setting determines the status of the Plug regardless of the previous status.

Tap **Power Outage Status** (C) and select one of the following:

–**Off** - If the Plug is turned on before the power outage, then the Plug will be in off status when the power is restored

–**On** - If the Plug is turned off before the power outage, then the Plug will be in on status when the power is restored

– **Remember last status** - The previous status of the device continues

NOTE: The status 5 seconds before the power outage is remembered.

EXAMPLE: If the Plug is in on status 2 seconds before the power outage and in off status 5 seconds before power outage, then the Plug will be in off status when the power is restored.

Child lock

The child lock helps to prevent children from operating the Plug. When the child lock is on, the Plug can be operated only using the app, the operation button on the Plug is disabled.

TIP: By turning on the child lock, the Plug does not turn off, it remains in its current state.

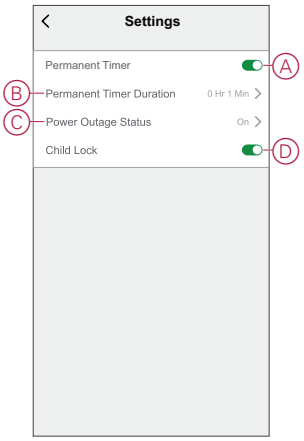
Activate/Deactivate using app

Tap the toggle switch (D) to turn on/off the **Child Lock**.

Deactivate manually

Short press the operation button four times (< 5 s).

NOTE: If the child lock function is deactivated manually, then the toggle switch (D) in the app displays off status.



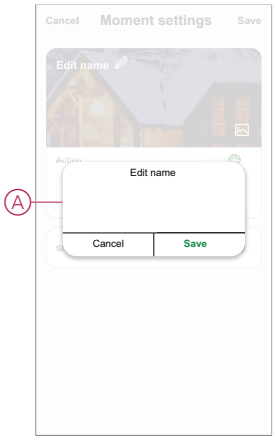
Creating a moment

A Moment allows you to group multiple actions that are usually done together. Using the Wiser app, you can create moments based on your needs (such as movie night).
To create a moment:

1. On the **Home** page, tap .
2. Go to **Moment** > **+** to create a moment.

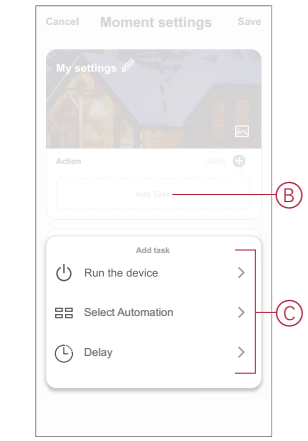
3. Tap **Edit name**, enter the name of the moment (A) and tap **Save**.

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

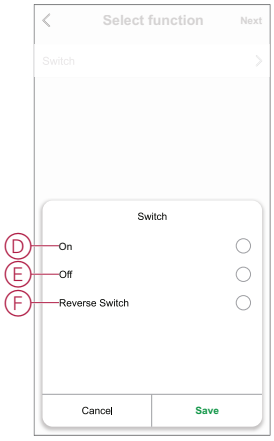


4. In the **Action** section, tap **Add task** (B) to display the slide-up menu.
5. In the **Add task** menu, you can do either or all of the following actions (C):
   - **Run the device** - Select the devices that you want in a moment.
   - **Select Automation** - Select the automation that you want to enable or disable. For more info refer to Automation.
   - **Delay** - Set the delay time.

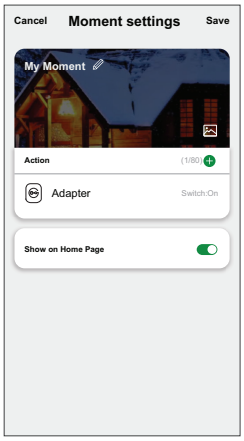
   NOTE: You can add one or more actions using .



6. Tap **Run the device** > **Adapter** > **Switch** to select either or all the functions to add in the moment:
   - **On** - Switch on the Plug (D)
   - **Off** - Switch off the Plug (E)
   - **Reverse Switch** - Toggle the last state of the Plug (F)



7. Once all the actions are set, tap **Save**.



Editing a moment

To edit a moment:

1. On the **Moment** tab, locate the moment you want to edit and tap ●●●.
2. On the **Edit** page, you can tap each item (such as dimmer, shutter, delay, temperature, etc.) to change the settings.

   TIP:

   - You can add one or more actions using ⊕.
   - To delete an existing action, slide the each item towards left and tap **Delete**.

Deleting a moment

To delete a moment:

1. On the **Moment** tab, locate the moment that you want to delete and then tap ●●●.

2. Tap **Delete** and tap **Ok**.

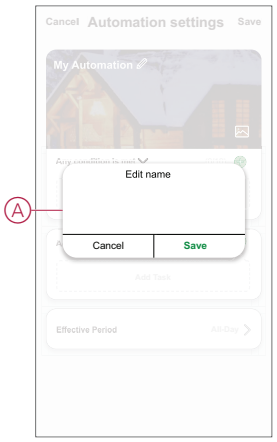
   NOTE: After deleting a moment, the device action can no longer be triggered.

Creating an automation

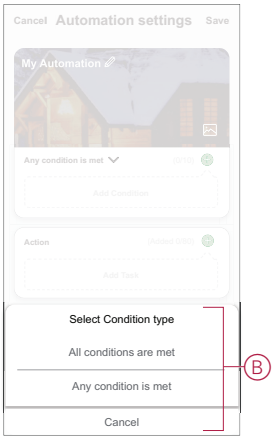
An automation allows you to group multiple actions that are usually done together, triggered automatically or at scheduled times. Using the Wiser app, you can create automations based on your needs.
To create an automation:

1. On the **Home** page, tap the .
2. Go to **Automation** > **+** to create an automation.
3. Tap **Edit name**, enter the name of the automation (A) and tap **Save**.

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



4. Tap **Any condition is met** to select any one of the condition type (B):
   - **All conditions are met**- The automation is triggered when all the conditions are met.
   - **Any condition is met**- The automation is triggered when at least one condition is met.

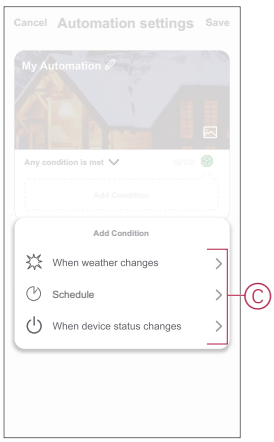


5. Tap **Add Condition** to display the slide-up menu.

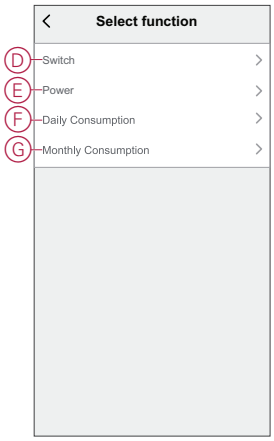
6. In the **Add Condition** menu, you can do either or all of the following options (C):
   - **When weather changes** - Select the various weather settings.
   - **Schedule** - Set the time and day.
   - **When device status changes** - Select the device and it's function.

   NOTE: You can add one or more conditions using ⊕.

   .



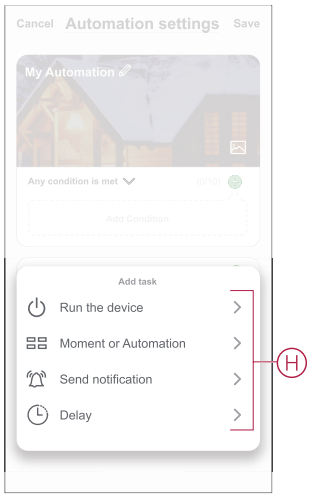
7. Tap **When device status changes** > **Adapter** and select either or all the functions:
   - **Switch** - Turn on/off the Plug (D).
   - **Power** - The real time load value of the connected device (E).
   - **Daily Consumption** - The total energy consumed per day (F).
   - **Monthly Consumption** - The total energy consumed per month (G).



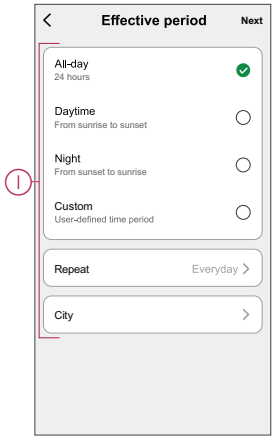
8. Tap **Add task** to open the slide-up menu.

9. In the **Add task** menu, you can do either or all of the following options (H):
   - **Run the device** - Select the devices that you want to be triggered.
   - **Moment or Automation** - Select the moment or automation that you want to enable or disable.
   - **Send notification** - Turn on notification for the automation.
   - **Delay** - Set the delay time.

   NOTE: You can add one or more actions using ⊕.



10. Tap on Effective period to set the time range for the automation. You can select any one of the following (I):
    - **All-day** - 24 hours
    - **Daytime** - From sunrise to sunset
    - **Night** - From sunset to sunrise
    - **Custom** - User defined time period



11. Once all the actions and conditions are set, tap **Save**.

    Once the automation is saved, it is visible on the **Automation** tab. You can tap the toggle switch on the automation to enable it.

Example of an automation

This demonstration shows you how to create an automation to get notification on your app when the daily energy consumption of the device connected to the Plug is 50 kWh.

1. Go to **Automation** > **+** to create an automation.

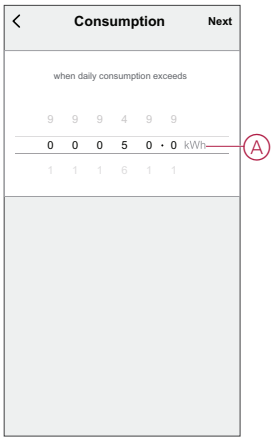
2. Tap **Edit name**, enter the name of the automation and tap **Save**.

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

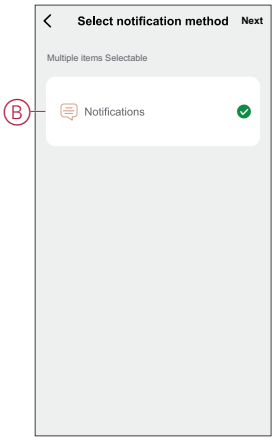
3. Tap **Add Condition** > **When device status changes** > **Adapter**.

4. Tap **Daily Consumption**, select the daily consumption value (A) then tap **Next**.

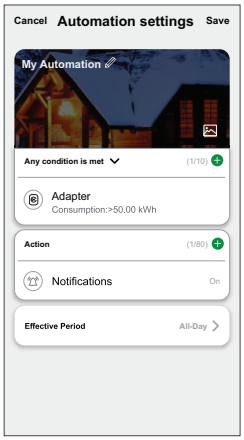
   TIP: You can set the energy consumption value as 50 kWh.



5. Tap **Add task** > **Send notification** and select **Notifications** (C) and tap **Next**.



6. In the **Automation Settings** page, tap **Save**.



Once the automation is saved, it is visible on the **Automation** tab. You can tap the toggle switch on the automation to enable it.

Editing an automation

To edit an automation:

1. On the **Automation** tab, locate the automation you want to edit and tap ●●●.
2. On the **Edit** page, you can tap each item (such as dimmer, shutter, delay, temperature, etc.) to change the settings.

   TIP:

   - You can add one or more actions using ⊕.
   - To delete an existing condition or action, slide each item towards left and tap **Delete**.

Deleting an automation

To delete an automation:

1. On the **Automation** tab, locate the automation that you want to delete and then tap ●●●.
2. Tap **Delete** and tap **Ok**.

   NOTE: After deleting an automation, the device action can no longer be triggered.

Maintenance

It is recommended to clean the device with soft, clean and dry cloth.

NOTICE
DAMAGE TO THE DEVICE
Do not use cleaning agents to clean the device, as it may damage the device.
Failure to follow these instructions can result in equipment damage.

LED Indications

Pairing

User Action	LED Indication	Status
Press the operation button 3 times within 2 seconds, refer to Pairing, page 7.	LED blinks red, once per second.	Pairing mode is active for 180 seconds. When pairing is completed, LED glows red if the operation button is turned On before you start pairing, else the LED turns Off.

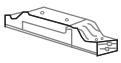
Resetting

User Action	LED Indication	Status
Press the operation button 3 times within 2 seconds 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 blinks red indicating pairing mode.

Troubleshooting

Symptom	Possible cause	Solution
The device is not ready to pair after the device is removed from the app.	The device is not reset correctly.	Reset to factory default settings, refer to Resetting the device manually, page 11.
The device does not respond.	Wrong Wi-Fi credentials are entered during the pairing process. **NOTE:** You must log into 2.4 GHz network.	
The Adapter cannot connect to the internet via the Wi-Fi network router.	The router port settings may not be properly set for system access to the internet.	Check that the following router ports are open: • Port 6668 • Port 6669 • Port 6667 • Port 80 • Port 443 • Port 4433 • Port 1883 • Port 8886 **IMPORTANT:** For cyber-security, check that all unused ports are closed.

Technical Data

Nominal voltage	230 V AC, 50/60 Hz		
Nominal power	Load type	Load name	Load value
	LED	LED	100 W
		Incandescent lamp	2300 W
		Halogen lamp	2300 W
		Motor	600 VA
		Iron core transformer	500 VA
		Electronic step-down converter	500 VA
Nominal current	10 A		
Over-voltage protection	Yes		
Over-current protection	Yes		
Power consumption	≤ 1 W (relay is ON) ≤ 0.5 W (relay is OFF)		
Ambient temperature	+5 °C to +35 °C		
Storage temperature	–20 °C to +50 °C		
Relative humidity	Max. 95% non-condensing		

Neutral conductor	Not required
IP rating	IP20
Communication interface	Wi-Fi®: 2.4 GHz, IEEE802.11 b/g/n
Operating frequency	2.412 GHz to 2.472 GHz
Max. radio-frequency power transmitted	< 40 mW
Range	40 m (indoor line-of-sight) 100 m (outdoor line-of-sight)
Product dimensions (H X W X D)	61 X 61 X 65 mm

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).

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/

Find compliance information for a Green Premium product

Click the link below to search for a product's compliance information (RoHS, REACH, PEP and EOLI).

NOTE: You will need the product reference number or product range to perform the search.

https://www.reach.schneider-electric.com/CheckProduct.aspx?cskey=ot7n66yt63o1xblflyfj

EU Declaration of Conformity

Hereby, Schneider Electric Industries, declares that this product is in compliance with the essential requirements and other relevant provisions of RADIO DIRECTIVE 2014/53/EU. Declaration of conformity can be downloaded on se.com/docs.

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