

ELKO - SmartDim Multiwire Universal LED Rotary

Wiser Home Device user guide

Information about features and functionality of the device.

10/2025



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Safety Information

Important Information

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



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



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

DANGER

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

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

WARNING

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

CAUTION

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

NOTICE

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

About the Document

Document Scope

This document provides detailed information on the ELKO - SmartDim Multiwire Universal LED Rotary, covering its features, installation, configuration, and operation. It explains how to pair the device with the Wireless switch and Wiser Hub, use it manually or through the Wiser Home app, and customize functions such as brightness levels, LED indicator behaviour, power-on behaviour, scheduling, moments, and automation. It also includes troubleshooting tips, LED indications, resetting procedure, and technical specifications.

Validity Note

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

For your safety

DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

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

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

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

DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

The output may carry electric current even when the load is switched Off.

Disconnect the device from the supply by switching Off the upstream circuit breaker before working on the device or on the load.

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

NOTICE

HAZARD OF EQUIPMENT DAMAGE

- Only connect dimmable load.
- Ensure that the device is disconnected from its circuit during the insulation resistance test.

Failure to follow these instructions can result in equipment damage.

General Cybersecurity Information

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

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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.

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



General information about Schneider Environmental Data Program

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



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

Declaration of conformity can be downloaded on:

- <https://www.go2se.com/ref=EKO07278>
- <https://www.go2se.com/ref=EKO07281>

Available Languages of the Document

The document is available in these languages:

- English
- Norwegian

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ELKO - SmartDim Multiwire Universal LED Rotary



EKO07278, EKO07279, EKO07280



EKO07281, EKO30198

About the device

The SmartDim Multiwire Universal LED Rotary (hereinafter referred to as **dimmer**) is a push-button device that can be used to switch and dim LED, ohmic, inductive or capacitive loads manually or remotely.

Control options

Home control: To control the dimmer through the Wiser Home app, you will need the Wiser Hub.

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

Room control / Quick Home Connect: The dimmer can operate without the Wiser Hub or a smartphone application.

Functions

- The device can detect the load automatically.
- The device has internal self-protection, including thermal protection, overload resistance, short-circuit protection, soft start, and soft stop.

Installing the device

Refer to the installation instruction supplied with this product.

See SmartDim Multiwire Universal LED Rotary.

Quick Home Connect

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

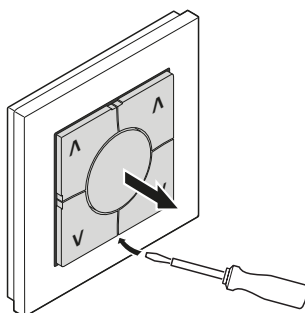
The **Wireless switch** is a battery-powered wireless push-button switch that is used to control Zigbee devices (such as dimmer, shutter, switch, and socket) within the same Zigbee network.

Limitations

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

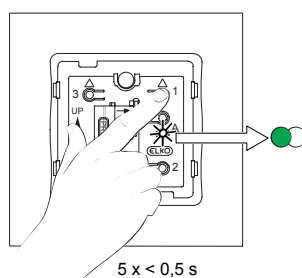
Pairing Wireless Switch with Rotary Dimmer

1. Remove the rocker from the Wireless switch.



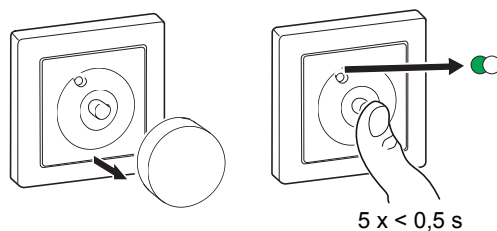
2. Short press the top-right push button 5 times in quick succession on the Wireless switch.

The status LED blinks green.



3. Remove the knob and short press the push button 5 times in quick succession.

The status LED blinks green.

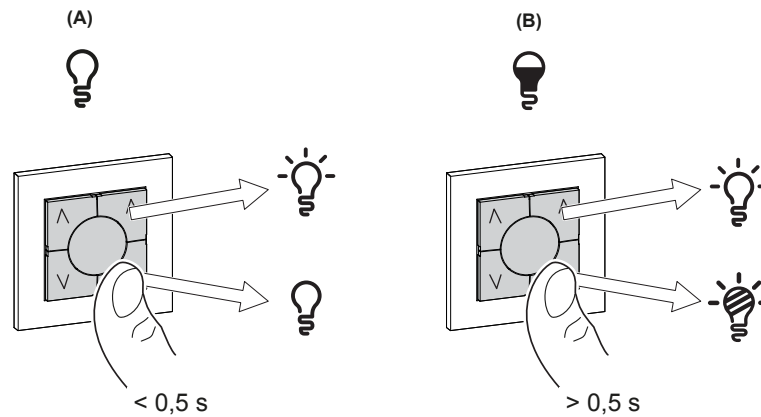


The light connected to the Rotary Dimmer blinks for a few times. The status LED stops blinking green on the Wireless switch and the Rotary Dimmer. The Rotary Dimmer can now be controlled by the Wireless switch.

Operating a Dimmer

You can switch the dimmer on/off and adjust its brightness 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 connected load (A).
- Long press the top ($\wedge$) or bottom ($\vee$) of the Wireless switch ($> 0,5$ s) to increase or decrease the brightness of the connected load (B).



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 Rotary dimmer

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

- **Integrating into Wiser System**
 - If you wish to integrate the device into Wiser System, reset all the devices in Quick Home Connect and pair it with the 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 reset.	Pair the Wireless switch and the device again. Refer to Rotary dimmer, page 10
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 Rotary dimmer, page 10
	The Wireless switch battery is discharged.	Replace the battery of the Wireless switch

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

Pairing the device with the Wiser Hub

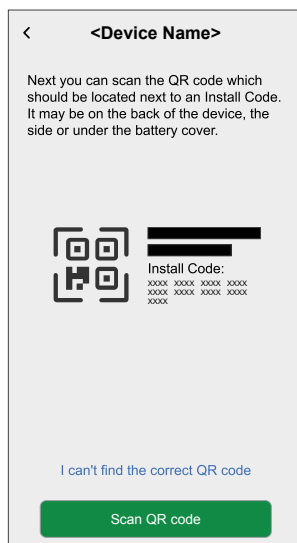
You can pair your dimmer with the **Wiser Hub** to access and control the dimmer.

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

TIP: You can also navigate by tapping **Control** >  > **Lights** >  **Rotary**.

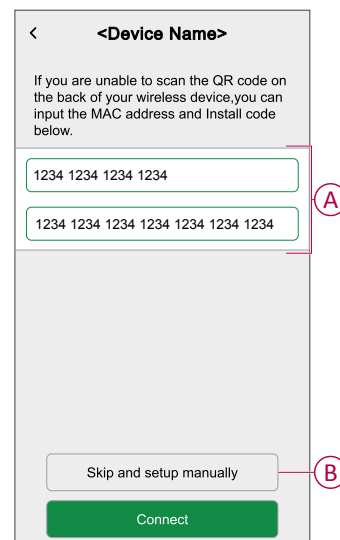
3. Tap **Scan QR code** and allow the Wiser Home app to access your camera. Then, scan the QR code located on the device.

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

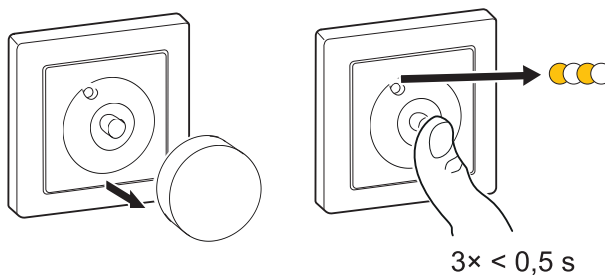


If the QR code is incorrect, a message **Incorrect QR code scanned** will appear. Tap **I can't scan the QR code** and choose one of the following options:

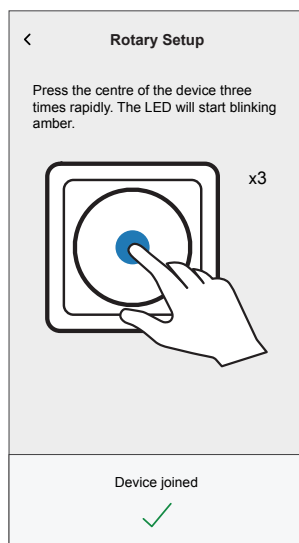
- **(A):** Enter the MAC Address and Install Code, then tap **Connect**. The app will verify if the MAC address and Install code are valid.
- **(B):** Tap this option if you are unable to find the MAC address and Install code.



4. Tap **Next**, remove the knob and short press the push button 3 times. The LED blinks amber.



Wait for a few seconds until the LED turns solid green. You can also see in the app 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. Enter the device name in the **Name** field and tap **Next**.

NOTE: The **Next** button will be enabled after entering a name in the name field.

6. Select the desired location of the device and tap **Submit** (B).

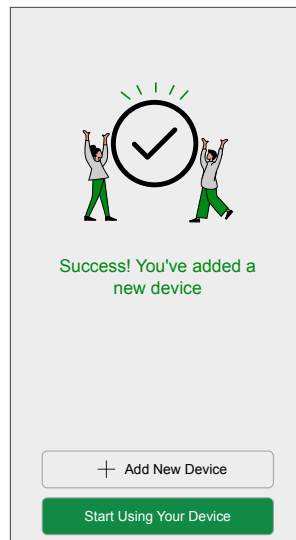
TIP: If you have not created any rooms, enter the room name in the Name (A) field.

NOTE: The **Submit** (B) button will be enabled after selecting a desired location.

IMPORTANT: The next screen shows the **Device Settings** screen, where you can configure the device settings during the pairing process or later. If you prefer to configure it later, tap **Submit**. For more information on device settings, refer to the [Configuring the device](#), page 17 section.

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

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



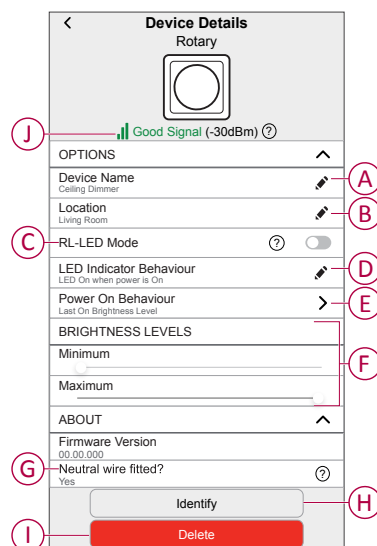
NOTE: The success screen appears only if you are logged in as a **Home Owner**.

Now, you can see the newly added dimmer on the **Control** tab under the **All** and **Room** tabs.

Configuring the device

The **Device Details** screen allows you to configure the device settings according to your preferences.

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



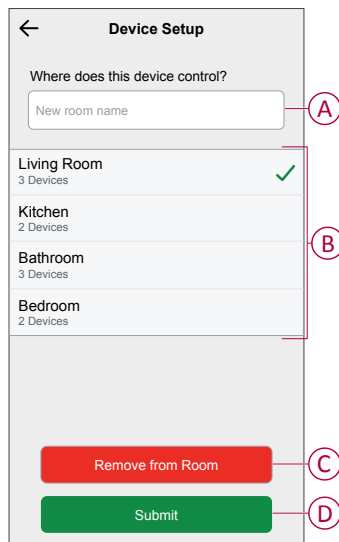
A	Device Name: Tap to change the name of the device.
B	Location: Tap to assign the dimmer to any room (such as living room, bedroom, kitchen etc). For more information, refer to Setting the device location , page 19.
C	RL-LED Mode: You can improve the dimming quality in the app if you have problems with light flickering. Tap the toggle switch to enable the RL-LED Mode . TIP: For more information, refer to Technical Data , page 39.
D	LED Indicator Behaviour: Tap to set the LED indicator behaviour of the dimmer as per your preference. Refer to Setting up the LED Indicator Behaviour , page 20 for detailed information on each options.
E	Power On Behaviour: Tap to set the default brightness level of the dimmer when it is turned on. Refer to Setting up the Power On Behaviour , page 21 for detailed information on each options.
F	Minimum Brightness and Maximum Brightness: This setting allows you to set limits on the maximum and minimum brightness of the connected load. This is done to avoid flickering and switching off the LED. Drag the slider bar to increase or decrease the Minimum Brightness and Maximum Brightness .
G	Neutral wire fitted?: You can check if the neutral wire is connected during the device installation. The Wiser Home app automatically detects the wiring mode based on the installation, eliminating the need for manual selection. • Yes: Installed with a neutral wire. • No: Installed without a neutral wire.
H	Identify: Tap to identify the device. The status LED blinks red and connected lighting devices blinks on/off, upon successful identification of the dimmer. Tap OK when you finish identifying the device.

I	Delete: Tap to remove the device from the system. NOTE: • Removing the device will also reset the dimmer. After reset, the LED turns amber indicating that the dimmer is ready for pairing. • If there is a problem while pairing or resetting the dimmer, refer to Resetting the device, page 36.
J	Zigbee Signal Strength Indicator: Zigbee Signal Strength indicator which displays the current signal strength of the device. •  Good Signal (between 0 & -54dBm) •  Normal Signal (between -54 & -79dBm) •  Poor Signal (<-79dBm) •  No Signal (device is offline)

Setting the device location

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

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

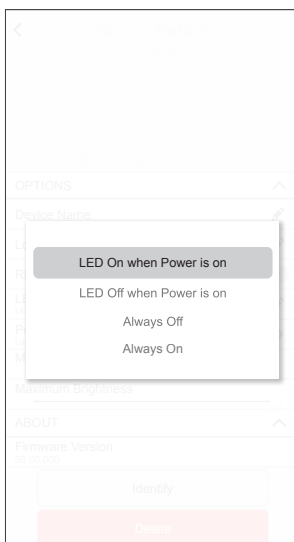
Setting up the LED Indicator Behaviour

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 this 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.

Setting up the Power On Behaviour

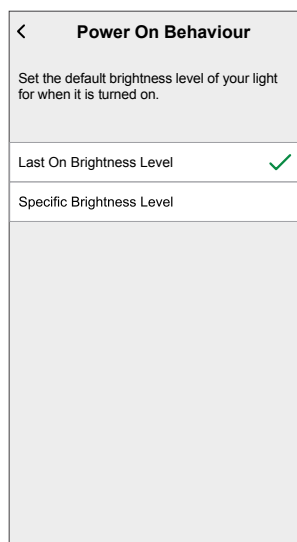
You can set the brightness level of your device when turned on.

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

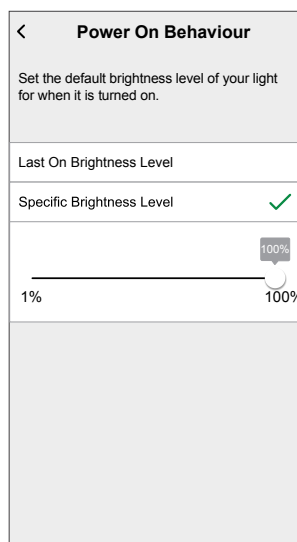
NOTE: If you are unable to find this option in your app, reset the device to factory default and perform the pairing process.

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

Last On Brightness Level: The light turns on at the same brightness as when it was last turned off.



Specific Brightness Level: This option allows you to get the desired brightness level every time you turn on the light. Drag the slider bar to set the brightness.

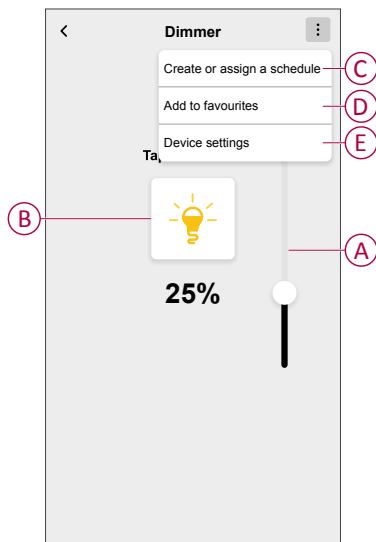


Using the device

The Device Control Screen allows you to switch on/off, adjust the brightness level and control various settings.

On the **Control** tab, select the dimmer.

The Device Control Screen displays the following options:

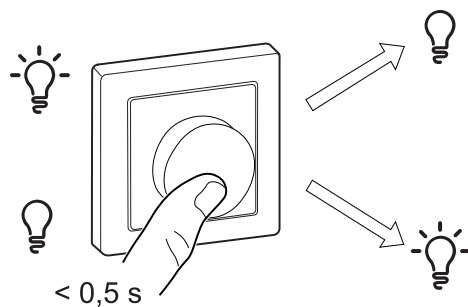


A	Drag the slider bar up/down to increase/decrease the brightness of your dimmer. For more information, refer to Adjusting the brightness , page 24.
B	Tap to turn the device on/off.
C	Tap to open the Schedule screen, where you can create a schedule. For more information, refer to Setting up a schedule , page 25.
D	Tap to add the device to the Favourite devices section on the Home screen. To know more about Favourite , refer to Managing Favourites in the respective System User Guide.
E	Tap to open the Device Settings screen and configure the settings. For more information, refer to Configuring the device , page 17.

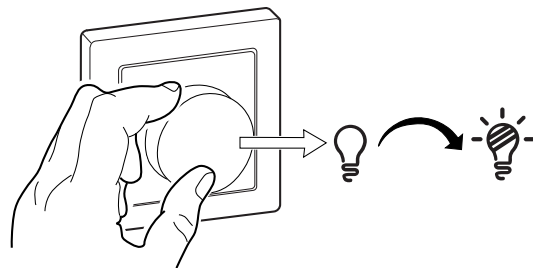
Switching/Dimming the device manually

You can manually turn on/off the dimmer and increase/decrease brightness level. This will provide power to the load connected to it.

Short press the push button (< 0,5 s) once to switch on/off the dimmer.



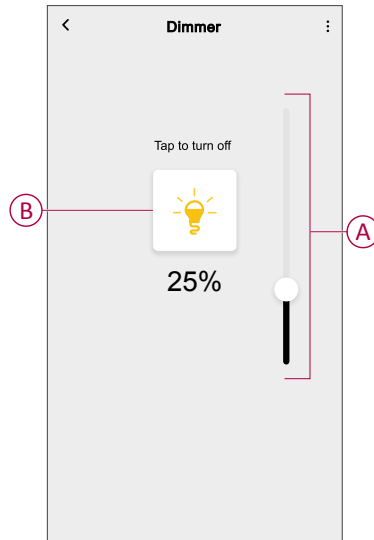
To increase brightness, turn the dimmer knob clockwise, and to decrease brightness, turn it anti-clockwise.



Adjusting the brightness level using app

1. On the **Control** tab, tap **All** devices or the room tab where the dimmer is located.
2. On the Device Control Screen, drag the slider bar up/down to increase/decrease the brightness (A).

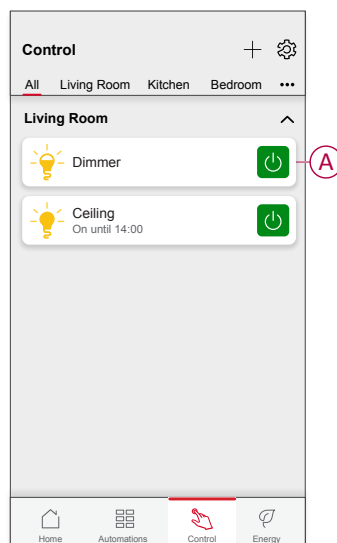
TIP: Tap  (B) on the Device Control Screen to turn the dimmer on/off.



Turning On/Off device using app

1. On the **Control** tab, tap **All** devices or the room tab where the dimmer is located.
2. Tap  (A) to turn on/off dimmer.

TIP: You can also turn the device on/off and adjust the brightness from the **Home** screen when you add it to your **Favourite**.



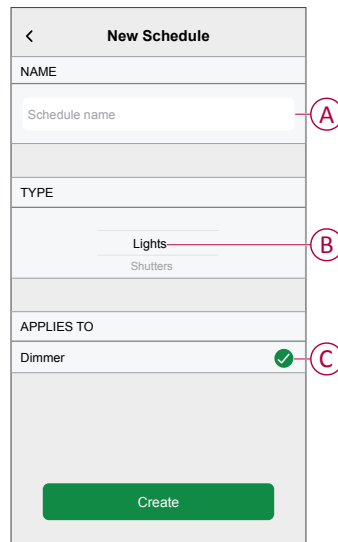
Schedule

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

Setting up a schedule

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

1. On the **Home** screen, tap .
2. Go to **Schedules** >  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 **Dimmer** (C) from the listed devices.
6. Tap **Create** to setup events.



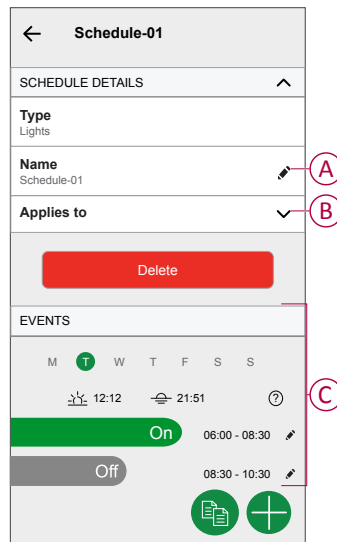
7. Under **EVENTS** menu, select a day and then tap  to add an event such as **STATE** (lights Off or dimming level in %) and **WHEN** (sunrise/sunset or specific time range).
8. Tap **Set** to save the schedule.

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

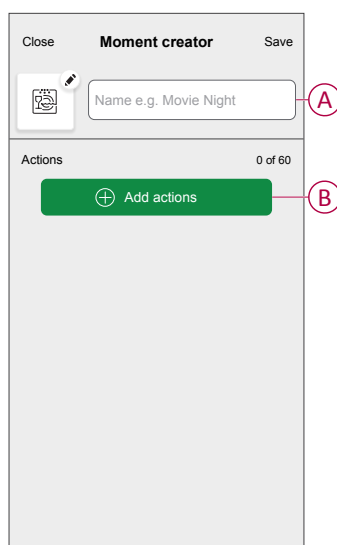
Moment allows you to group multiple actions that are usually performed together. By using the Wiser Home app, you can create moments based on your needs.

Creating a moment

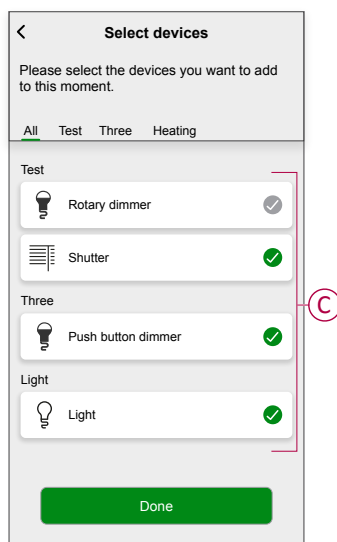
1. On the **Home** screen, tap .
2. Go to **Moments** and then tap  to create a moment.
3. Enter the name of the moment (A).

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

4. Tap **Add actions** (B) to select the list of devices.

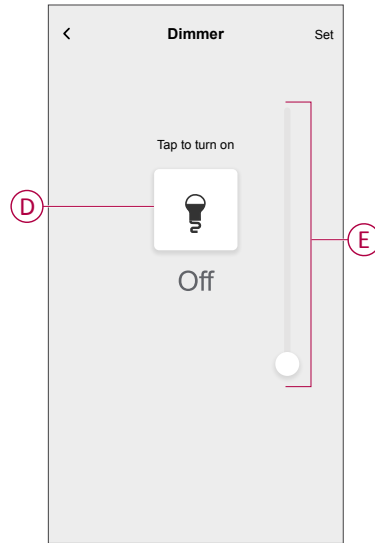


5. In the **Add actions** menu, you can select the devices (C).



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

7. On the **Moment creator** screen, tap the device to set the condition. For example if it is a dimmer:
 - Tap to turn on (D).
 - Drag the slider bar up/down to increase/decrease the brightness (E) 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:

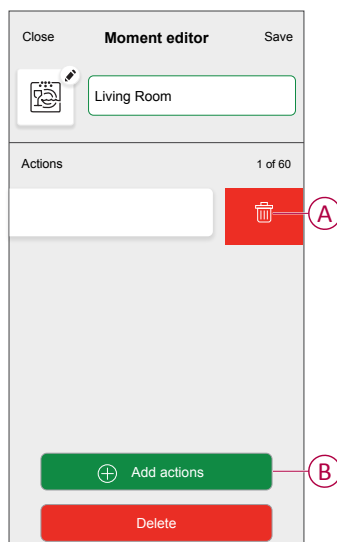
- If you want to see the created moments on the **Home** screen, go to **Home** >  > **Home Screen** > **Moments** and enable the **Moments** toggle switch.
- You can also rearrange the moments by tapping **Edit** from the Moments tab on the Home screen, or by tapping **Automation** > **Moments** > **Reorder**.

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:

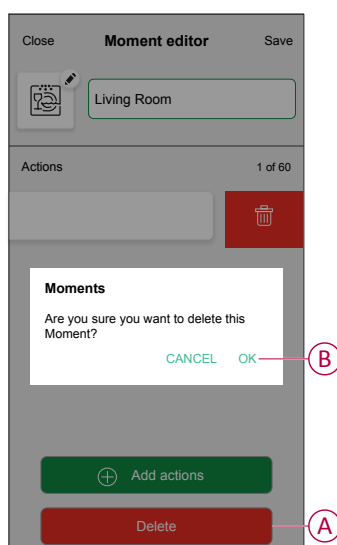
- Change the icon .
- Rename the moment.
- Tap each action to change the settings.
- To remove an action, slide the action to the left and then tap  (A) to delete it.
- Tap  **Add actions** (B) to add new action.



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).



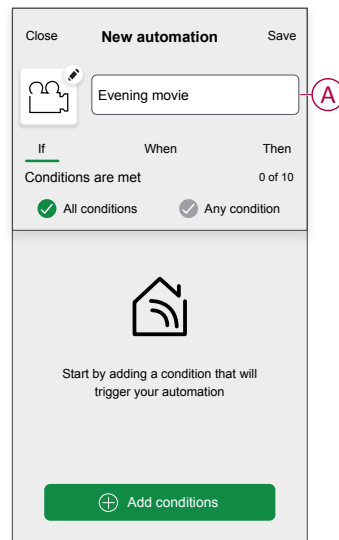
Automation

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

Creating an automation

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

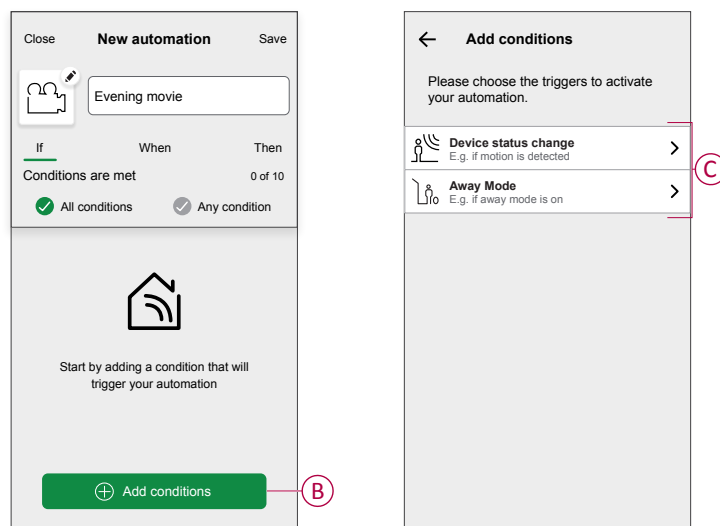
TIP: You can choose the cover image that represents your automation by tapping .



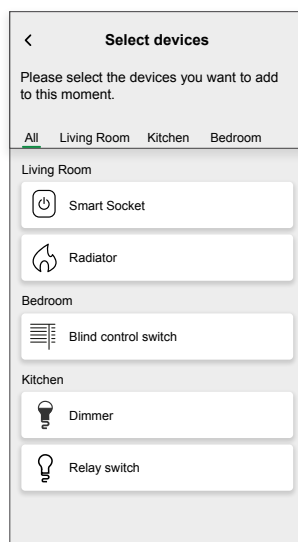
4. Tap **Add conditions** (B) and select any of the following (C).

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

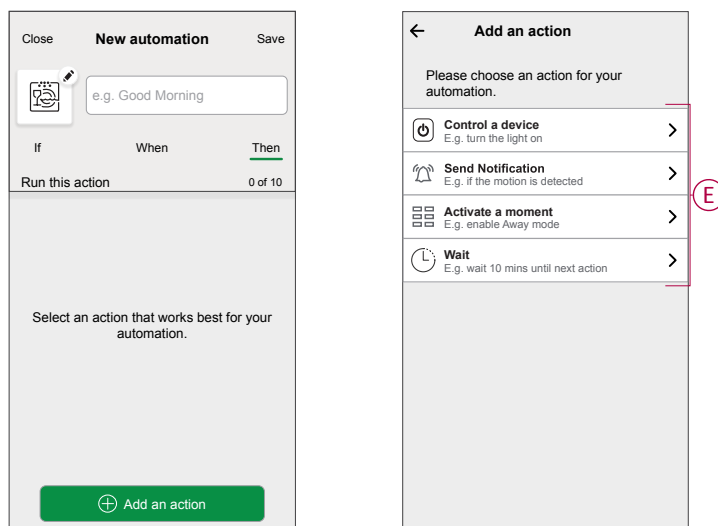
NOTE: Maximum 10 time entries can be added.

- **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, or sunset to sunrise, or from 8:00 AM to 5:00 PM.

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

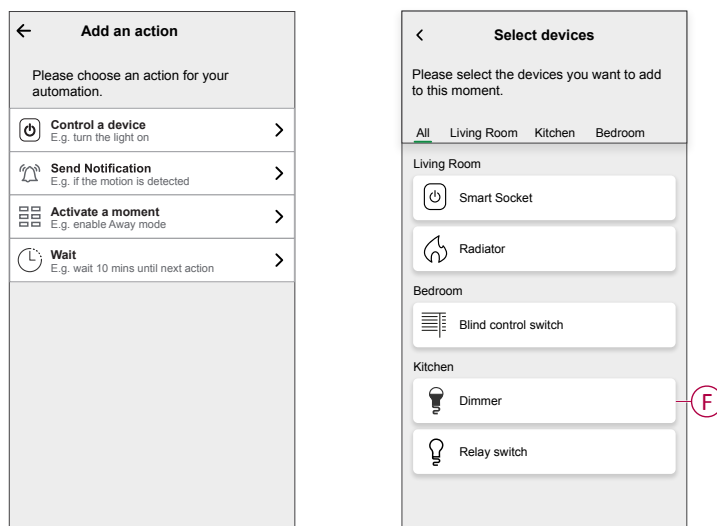
NOTE: Maximum 10 actions can be added.

- **Control a device** - Select the device and set the desired state of the device.
- **Send notification** - You will be notified if the condition is met.
- **Activate a moment** - Select a Moment to activate during the automation.
- **Wait** - This option allows you to add a delay in an automation sequence. You can set the wait time in increments of 1 hour and 1 minute, up to a maximum of 24 hours. This feature is useful for delaying actions within an automation.

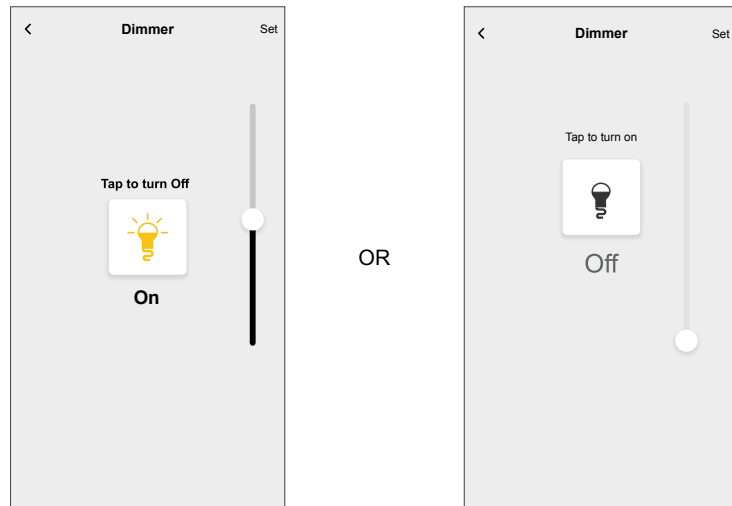


- a. In this example, we will select **Control a device**, choose **Dimmer** (F) as the device to trigger an action, and then add a delay using **Wait** option.

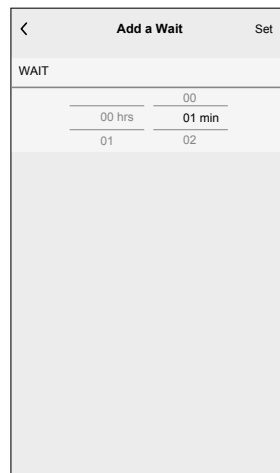
IMPORTANT: You cannot select the same device that you selected for **Add conditions** in Step 4. The device should be different.



- b. Set the state, such as increase/decrease the dimmer brightness or switching the dimmer on/off. Then, tap **Set** on the top-right screen.

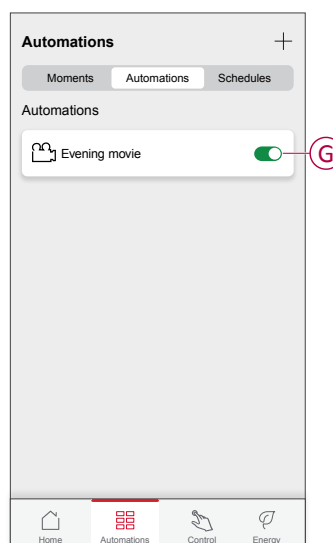


- c. Again, tap **Add an action** and select **Wait** option.
- d. Scroll through the minutes and set the wait time to 1 minute. Then, tap **Set** on the top-right screen.



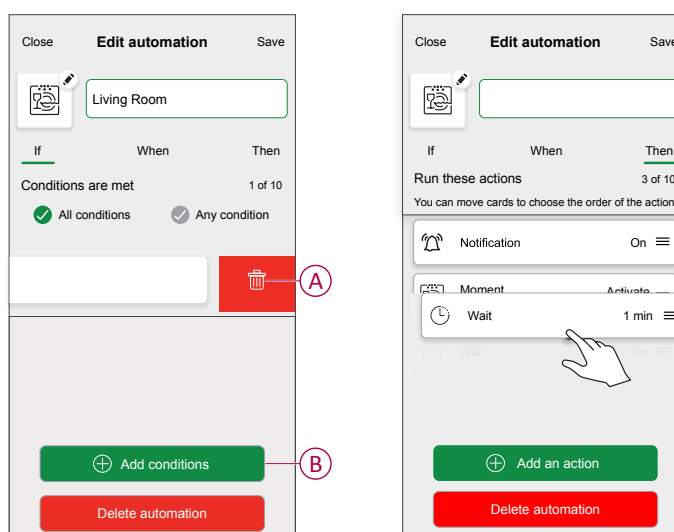
7. Tap **Save**.

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

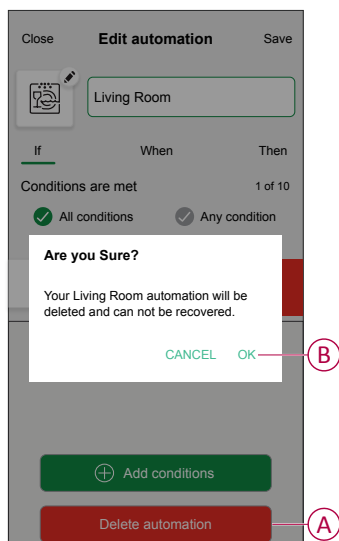


4. Tap **Save** to save the changes.

Deleting an automation

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

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

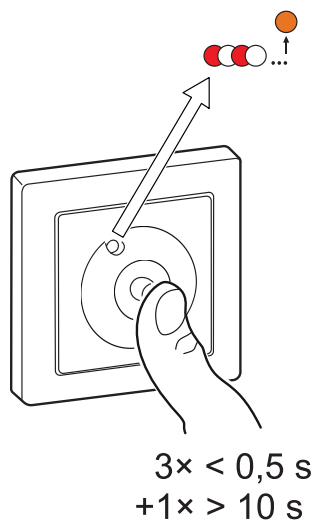


Resetting the device

You can reset the dimmer to factory default manually.

- Remove the knob and short-press the push button 3 times (<0.5 s) and then long-press the push button once (>10 s).
- After 10 s, the LED starts blinking red and then release the push button.
- Upon successful reset, the LED stops blinking.
- The dimmer 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. 

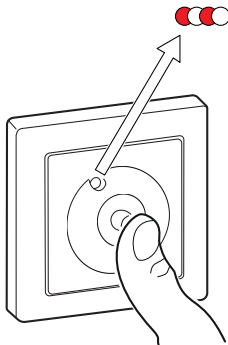
Resetting

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 device is in reset mode. It is reset to the factory settings after 10 seconds. The device then restarts and the LED blinks green for a few seconds and then stays amber. 

Identifying the device

LED Indication	Status
The LED blinks red. 	The connected lighting devices blinks on/off, upon successful identification of the dimmer.

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.  $3 \times < 0,5 \text{ s}$ $+ 1 \times > 20 \text{ s}$

LED Indicator Mode/Backlight Mode

Load Status	ON	OFF
Reverse with load	No LED	
Consistent with load		No LED
Always Off	No LED	No LED
Always On		

Troubleshooting

Symptom	Solution
Dimming up is not possible.	• Reduce/increase load. • Allow the dimmer to cool in case of overheating. • Change the load (if the load is incompatible with the dimmer).
Switching on is not possible.	• Allow the dimmer to cool in case of overheating. • Reduce load. • Change load. • Check wiring between the push button and the dimmer.
Flickering at minimum brightness.	• Increase minimum brightness (if flickering still persists, install a 31LCDA load correction device). • Change the load (if the minimum brightness is insufficient). • Set to RL LED mode, page 17.
Flickering	• Change load. • Set to RL LED mode, page 17.
Only slight dimming capability	• Change dimming range. • Change the load (if the load is incompatible with the dimmer). • Set to RL LED mode, page 17.
The device is not ready to pair after the device is removed from the app.	Reset to factory default settings, refer to resetting the device , page 36.

Technical Data

Nominal power

Load type	Load name	Load value	
		2 wire (without neutral)	3 wire (with neutral)
	LED	7–130 W (max. 0,8 A)  RC 7–80 W (max. 0,5 A)  RL	0–130 W (max. 0,8 A)  RC 0–80 W (max. 0,5 A)  RL
	Incandescent lamp	14–200 W  R	0–200 W  R
	Halogen lamp	14–150 W  R	0–150 W  R
	Iron core transformer	14–150 VA  RL	0–150 VA  RL
	Electronic step-down converter	14–150 VA  RC	0–150 VA  RC

Nominal voltage	AC 230 V ~, 50 Hz
Standby	Max 0.4 W
Connecting terminals	Screw terminals for max. 2 x 2.5 mm ² , 0,5 Nm
Neutral conductor	Recommended
Ambient temperature	5 to 25 °C (temporarily up to 35 °C)
Storage temperature	-25 °C to 70 °C
Transport temperature	-25 °C to 70 °C
Extension unit	Single push-button, unlimited number, max. 50 m
External fuse protection	16 A circuit breaker
Internal device self-protection	Thermal protection Overload-resistant Short-circuit protection
Operating frequency	2405 - 2480 MHz
Max. Radio-frequency power transmitted	< 10 mW
Communication protocol	Zigbee 3.0 certified

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

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DUG_SmartDim MW Rotary_WH-00