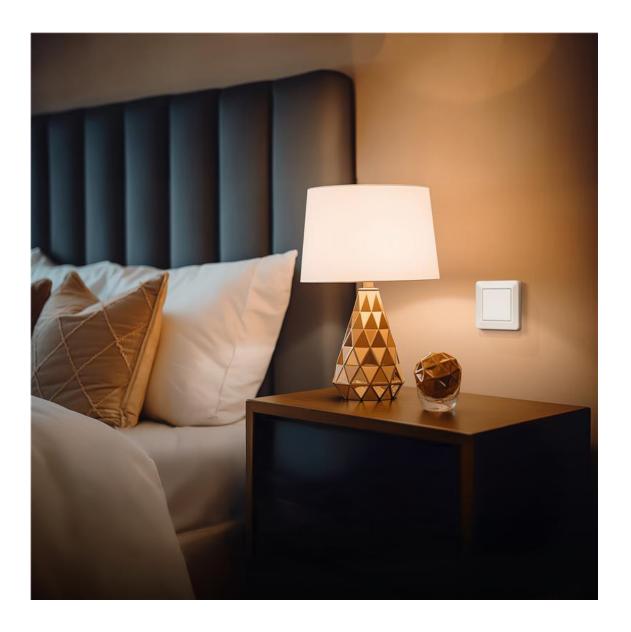
# **ELKO - SmartSwitch Push 10A**

# Wiser Home Device user guide

Information about features and functionality of the device.

10/2025





## **Legal Information**

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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.

### **AADANGER**

**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.

### **AWARNING**

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

### **ACAUTION**

**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 - SmartSwitch Push 10A, 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 scheduling, moments, and automation. It also includes 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

### **ADANGER**

#### 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.

### **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.

To help keep your Schneider Electric products secure and protected, it is in your best interest to implement the cybersecurity best practices as described in the Cybersecurity Best Practices document.

Schneider Electric provides additional information and assistance:

- Subscribe to the Schneider Electric security newsletter.
- Visit the Cybersecurity Support Portal web page to:
  - Find Security Notifications.
  - Report vulnerabilities and incidents.
- Visit the Schneider Electric Cybersecurity and Data Protection Posture web page to:
  - Access the cybersecurity posture.
  - Learn more about cybersecurity in the cybersecurity academy.
  - Explore the cybersecurity services from Schneider Electric.

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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=EKO30172
- https://www.go2se.com/ref=EKO06997

### **Available Languages of the Document**

The document is available in these languages:

- · English
- Norwegian

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### **ELKO - SmartSwitch Push 10A**



EKO06997 EKO06998 EKO06999



EKO30172 EKO06996

### About the device

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

### **Control options**

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

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

**Room control / Quick Home Connect**: Operate the relay switch without a Wiser Hub.

## Installing the device

Refer to the installation instruction supplied with this product.

See SmartSwitch Push 10A.

### **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.

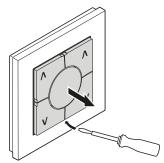
The **Wireless switch** is a battery-powered wireless push-button switch that is used to control Zigbee devices (such as dimmer, shutter, switch, and socket) within the same Zigbee network.

#### **Limitations**

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

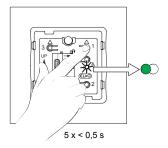
### Pairing Wireless Switch with SmartSwitch

1. Remove the rocker from the Wireless switch.

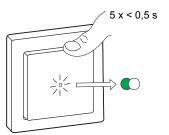


Short press the top-right push button 5 times in quick succession on the Wireless switch.

The status LED blinks green.



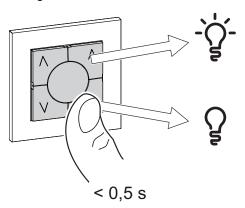
Short press the push-button of the SmartSwitch 5 times in quick succession.The status LED blinks green.



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

### Operating a relay

You can turn the light on/off using the paired Wireless switch. Short press the top  $(\Lambda)$  or bottom (V) of the Wireless switch (< 0,5 s) to turn on/off the light.



### Resetting the device in Quick Home Connect

It is necessary to reset the devices in the following scenarios:

- Unpair the device in Quick Home Connect:
- Refer to
  - Resetting the Wireless switch
  - Resetting the SmartSwitch

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
		SmartSwitch push, page 9
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
		SmartSwitch push, page 9
	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 relay switch with the **Wiser Hub** to access and control the relay switch.

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

TIP: You can also navigate by tapping Control > + > Lights > 1-

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

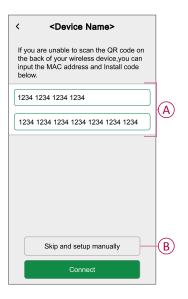
**NOTE:** If you are unable to find the correct QR code, tap **I can't find the correct QR code** to pair the device manually and proceed to step 4.



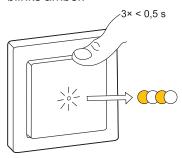
If the QR code is incorrect, a message **Incorrect QR code scanned** will appear. Tap **I can't scan the QR code** and choose one of the following options:

- **(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.

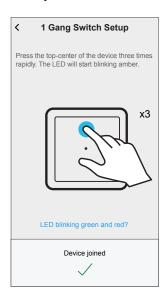




Tap Next, short press the push button 3 times and make sure that the LED blinks amber.



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

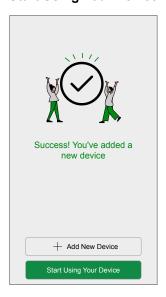


**NOTE:** If the LED is blinking green and red, see the instructions by tapping the link **LED blinking green and red?**.

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

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.



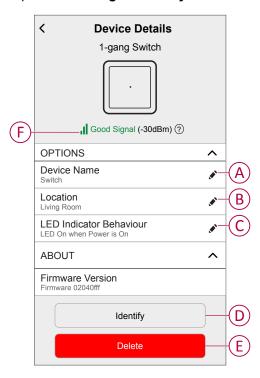
**NOTE**: The success screen appears only if you are logged in as a **Home Owner** 

The relay switch is now listed 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 > Relay switch to locate to the Device Details screen.

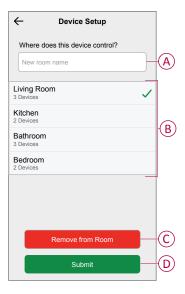


Α	Device Name: Tap to change the name of the device.		
В	<b>Location</b> : Tap to assign the Device to any room (such as living room, bedroom, kitchen etc). For more information, refer to Setting the device location, page 16.		
С	<b>LED Indicator Behaviour</b> : Tap to set the LED indicator behaviour of the device as per your preference. Refer to Setting up the LED Indicator Behaviour, page 17 for detailed information on each option.		
D	Identify: Tap to identify the device. The status LED blinks red and connected lighting devices blinks on/off, upon successful identification of the switch.  Tap <b>OK</b> when you finish identifying the device.		
E	Delete: Tap to remove the device from the system.  NOTE:  Removing the device will also reset the switch. After reset, the LED turns amber indicating that the switch is ready for pairing.  If there is a problem while pairing or resetting the switch, refer to Resetting the device, page 32.		
F	Zigbee Signal Strength Indicator: Zigbee Signal Strength indicator which displays the current signal strength of the device.  Ill 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.



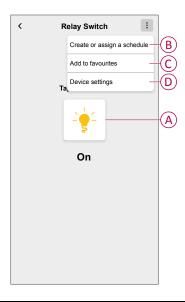
LED On when Power is On	The LED turns on when the device is on.
LED Off when Power is On  The LED turns off when the device is or	
Always Off	The LED stays off all the time.
Always On	The LED stays on all the time.

## Using the device

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

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

The Device Control Screen displays the following options:

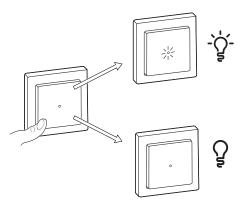


Α	Tap to turn the device on/off.
В	Tap to open the Schedule screen, where you can create a schedule. For more information, refer to Setting up a schedule, page 20.
С	Tap to add the device to the <b>Favourite devices</b> section on the <b>Home</b> screen. To know more about <b>Favourite</b> , refer to Managing Favourites in the respective System User Guide.
D	Tap to open the <b>Device Settings</b> screen and configure the settings. For more information, refer to Configuring the device, page 15.

### Switching On/Off the device manually

You can turn on/off the device manually. The device powers the electrical appliances connected to it.

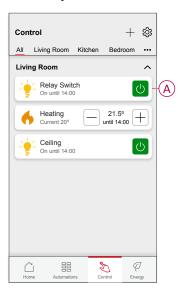
Short press the push button once to turn on/off the relay switch.



## Turning On/Off device using app

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

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



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

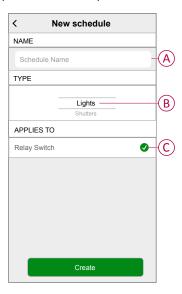
#### **Schedule**

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

#### Setting up a schedule

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

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



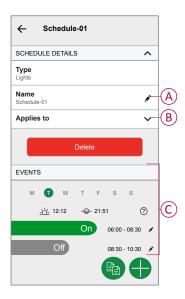
- 7. Under EVENTS menu, select a day and then tap to add an event such as STATE (lights On/Off) and WHEN (sunrise/sunset or specific time range).
- 8. Tap Set to save the schedule.

#### TIP:

- You can add multiple schedules based on your requirement. Select days. tap set On/Off state and time.
- You can copy the existing schedule to another schedule or to the days of your choice. Tap
  - Tap **Schedule** and select an existing schedule and tap **Copy**.
  - Tap Day and select the days you want to assign and tap Copy.
- When the schedule begins, you can see the until time in the following screens:
  - Device Control Screen.
  - Control tab under the device name.
  - Favourite devices section on the home screen.

### **Editing a schedule**

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



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

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

### Deleting a schedule

- 1. On the **Home** screen, tap **Automations**  $\stackrel{\square}{=}$  > **Schedules**.
- 2. Tap the schedule you want to delete.
- 3. Tap SCHEDULE DETAILS, tap Delete, and then select OK.

#### **Moments**

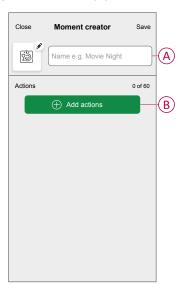
Moment allows you to group multiple actions that are usually performed together. By using the Wiser Home app, you can create moments based on your needs.

#### **Creating a moment**

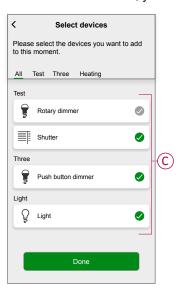
- 1. On the **Home** screen, tap ===.
- 2. Go to **Moments** and tap + to create a moment.
- 3. Enter the name of the moment (A).

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

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

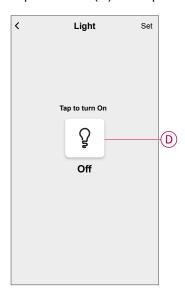


5. In the Add actions menu, you can select the devices (C).



6. Once devices are selected, tap **Done**.

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



8. After setting all conditions, tap Save.

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

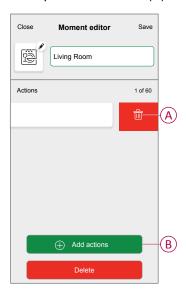
#### TIP:

- If you want to see the created moments on the Home screen, go to Home > \$\frac{1}{2}\$ > 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 .

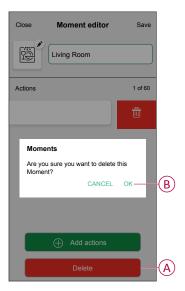
- 3. On the **Moment editor** screen, you can perform following changes:
  - Change the icon
  - · Rename the moment.
  - Tap each action to change the settings.
    - To remove an action, slide the action to the left and then tap (A) to delete it.
    - ∘ Tap ⊕ **Add actions** (B) to add new action.



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).



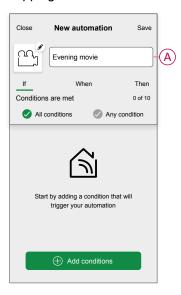
#### **Automation**

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**

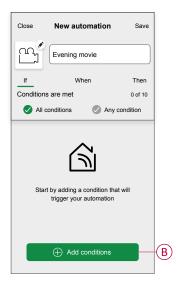
- 1. On the **Home** screen, tap ===.
- 2. Go to **Automation** and then tap + to create an automation.
- 3. Enter a name of the automation (A) and select any of the following conditions to trigger an automation.
  - All conditions: All conditions must be met to trigger an automation.
  - Any condition: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

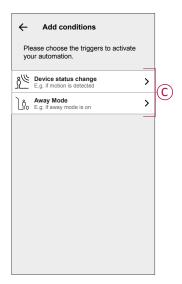
**TIP:** You can choose the cover image that represents your automation by tapping .



- 4. Tap Add conditions (B) and select any of the following (C):
  - Device status change (Select the device): An automation will be triggered based on a device status, such as the opening of a shutter or the detection of movement by a motion sensor.
  - Away Mode (Enable or Disable): Away mode can also trigger an automation to turn On the lights, close the shutter etc. Refer to the Away Mode topic in the respective System User Guide.

NOTE: Maximum 10 conditions can be added.





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



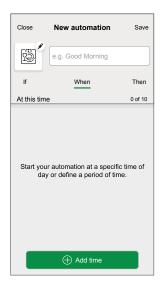
b. After selecting the device, tap **Set** on the top-right screen.

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

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

NOTE: Maximum 10 time entries can be added.

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



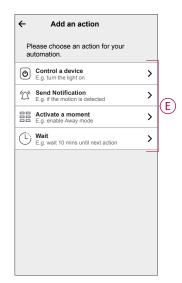


To add an action, tap Then > Add an action and select any of the following (E):

NOTE: Maximum 10 actions can be added.

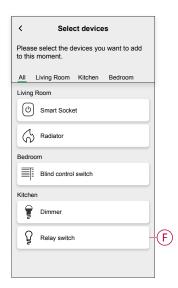
- Control a device Select the device and set the desired state of the device.
- Send notification You will be notified if the condition is met.
- Activate a moment Select a Moment to activate during the automation.
- Wait This option allows you to add a delay in an automation sequence.
   You can set 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 **Relay switch** (F) as the device to trigger an action, and then add a delay using the **Wait** option.





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





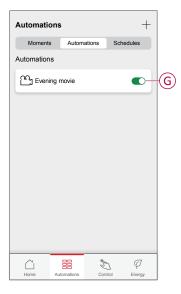
- c. Again, tap Add an action and select Wait option.
- Scroll through the minutes and set the wait time to 1 minute. Then, tap Set on the top-right screen.

OR



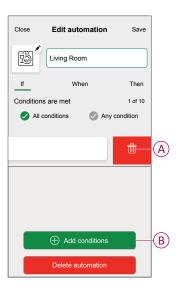
#### 7. Tap Save.

The saved automation is displayed on the  ${\bf Automation}$  tab. Tap the toggle switch (G) on the Automation tab to enable/disable the Automation.



### **Editing an automation**

- 1. On the **Home** screen, tap **Automations**
- 2. Go to **Automation**, tap the automation you want to edit.
- 3. On the **Edit automation** screen, you can perform the following changes:
  - Change the icon
  - · Rename the automation.
  - Tap each condition to change the settings.
    - To remove a condition, slide the condition towards left and then tap (A) to delete it.
    - Tap ⊕ Add conditions (B) to add new condition.
  - To change the order of actions, tap the **Then** option, and hold an action, then drag and drop to the desired position.



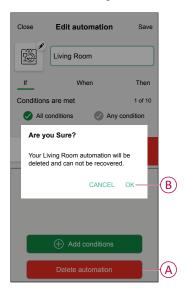


4. Tap Save to save the changes.

### **Deleting an automation**

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

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



## Resetting the device

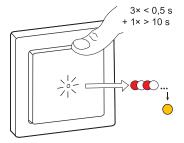
You can reset the device to factory default manually.

Short-press the push button 3 times (<0.5 s) and then long-press the push button once (>10 s).

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

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

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



## **LED Indication**

#### **Pairing**

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

#### Resetting

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

### Identifying the device

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

#### Different connectivity mode

LED Indication	Status
The LED blinks green and red while paring.	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× < 0,5 s + 1× > 20 s

## **Technical Data**

Nominal voltage	AC 230 V, 50 Hz		
Nominal power	Load type	Load name	Load value
	に に に の に 。 に	LED	200 W
	M	Motor	1000 VA
	₽.	Iron core transformer	500 VA
		Incandescent lamp	2200 W
	© CELEBO	Halogen lamp	2000 W
		Fluorescent lamp	200 W
		Electronic step-down converter	1050 VA
	С	Capacitive load	10 A, 140μF
Standby	Maximum 0.4 W		
Connecting Terminals	Screw terminals for max. 2 x 2.5 mm², 0.5 Nm		
Extension unit	Single Push-button, unlimited number, max. 50 m		
External fuse protection	16 A circuit breaker		
Nominal current	10 A, cosφ = 0.6		
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\_SmartSwitch Push 10A\_WH-00