SpaceLogic KNX Hybrid Module

LSS100400

User Guide

This document describes the SpaceLogic KNX Hybrid solution (features and user interface), which consist of a DIN device and the plugin.

Release date 06/2026

www.se.com

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Safety Information

Important Information

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

The addition of this 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 follow 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.

⚠ 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.

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NOTICE

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

Please Note

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A qualified person is one who has skills and knowledge related to the construction and operation of electrical equipment and its installation, and has received safety training to recognize and avoid the hazards involved.

About the Book

Document Scope

This document describes the SpaceLogic KNX Hybrid solution (features and user interface), which consist of a DIN device and the plugin.

Validity Note

This user guide is applicable to the Hybrid plugin and the LSS100400 SpaceLogic KNX Hybrid Module. It provides detailed instructions on the installation, configuration, and usage of these components. Ensure you are referring to the latest version of this document to access the most up-to-date information and features. For any updates or additional support, please visit the official Schneider Electric website.

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Available Languages of the Document

The document is available in these languages:

- English
- German

Related Documents

SpaceLogic KNX Hybrid Module, LSS100400, Installation and connection

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Introduction

This document describes the Hybrid plugin, the LSS100400 SpaceLogic KNX Hybrid Module features, and user interface.

LSS100400 SpaceLogic KNX Hybrid module (hereinafter referred to as Hybrid Module) is a device that provides wireless connectivity to Wiser for KNX and spaceLYnk logic controllers, allowing them to integrate the ZigBee wireless devices.

Key Features

- Supports most of the Schneider Electric Wiser wireless catalog devices (supported devices may vary by country and will evolve).
- Designed for residential and commercial installations.
- Supports a maximum of 50 direct ZigBee devices connected in the system.

Integration

- Wiser for KNX and spaceLYnk are multi-protocol logic controllers (KNX, Modbus, BACnet...).
- Adding a Hybrid Module lets you integrate ZigBee wireless devices communicating over the ZigBee 3.0 protocol.

Steps to Integrate ZigBee Devices

1. Download the Hybrid plugin from the Marketplace of your Wiser for KNX/ spaceLYnk controller.
2. Pair the ZigBee devices.
3. All configuration steps are done in the plugin running in the controller. No additional software is needed.
4. Control your ZigBee devices from your KNX installation and vice versa (bidirectional communication).
5. Wiser for KNX users can control their ZigBee devices via the Wiser KNX mobile app (Android and iOS). See the user guide for the app here.

Important Notes

ZigBee devices create a mesh network, allowing communication between them.

- Mains-powered wireless devices act as routers and forward information to other wireless devices.
- Battery-powered devices do not act as routers.

Consider the following when installing your device:

- Installation environment: Houses with multiple floors, enclosures in caves or metal, and buildings with large areas may experience communication issues between ZigBee devices.

- **Solutions:**
  - Connect the antenna and install it outside the cabinet.
  - To extend the mesh network, add a mains-powered device in between (e. g., a Connected Socket, Smart Plug, Micromodule Relay, etc.).

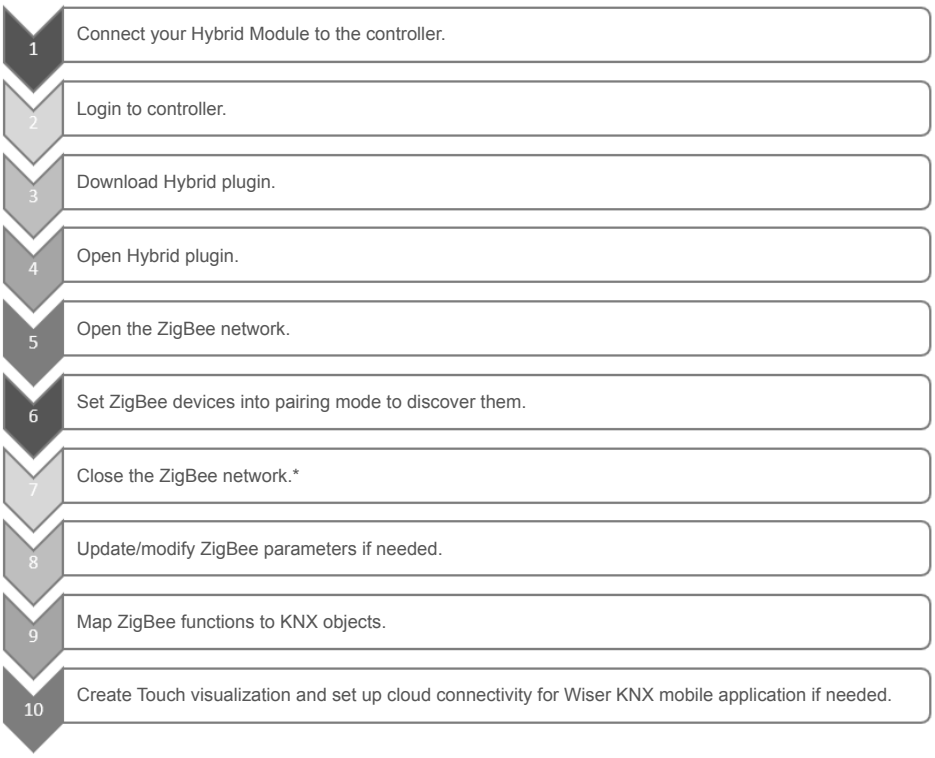
Hybrid Module in the cabinet

Module antenna outside the cabinet

External housing may be cleaned with a damp cloth if it becomes dirty; do not use any cleaning agent, especially alcohol.

Workflow

This overview shows the sequence of the entire process of commissioning the Hybrid Module up to visualization and integration with the Wiser KNX application.



*If the ZigBee device starts updating its firmware, it closes the network, and other ZigBee devices do not appear in the list of discovered ZigBee devices.

The firmware update process can take up to 20 minutes.

After the firmware update is complete, open the network again and continue pairing the other ZigBee devices.

Hybrid Module Firmware Upgrade

The firmware is distributed as part of the Hybrid plugin. Once you have connected the Hybrid Module to your controller and downloaded the Hybrid plugin, a firmware update is automatically triggered to bring new features (new devices, new functionalities) and security patches.

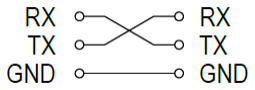
The Module firmware version number displays in the **Configuration** section in the lower left corner of the screen (Configuration, page 39). If you are connected via VPN, this information is not visible.

Getting Started

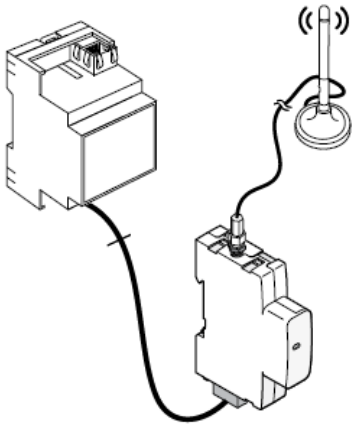
You need a Wiser for KNX or spaceLYnk controller to operate the Hybrid Module.

Before you install the Hybrid plugin into the Wiser for KNX or spaceLYnk controller, make sure your Hybrid Module is:

- POWERED: The device is powered by 24 V DC.
- PROPERLY WIRED TO THE CONTROLLER: You have to cross the RX and TX wires, as shown in the diagram.



You can find detailed information on the wiring in the installation instructions of the Hybrid Module.



You need a standard web browser to work with the configuration software of the logic controllers, plugin and to set up the Hybrid Module.

Recommended browsers

Browser	Version
Google Chrome	118.0.5993.89 (64-bit)
Mozilla Firefox	118.0.2 (64-bit)
Safari	15.6.1

Controller compatibility requirements

Component	Requirement
Hardware	Hardware Version 2 or Hardware Version 3
Firmware	Version 2.8.3 or later

Controllers with hardware version 1 are not supported.

New Wiser for KNX/spaceLYnk Installation

In your web browser:

1. Type the default IP address 192.168.0.10 in the address bar of your web browser.

2. Click **Enter**.
3. Enter the default login details and click **Enter**.
   - username: **admin**
   - password: **admin**

You will get prompted to change your password. Type it and click **Save**.

Your new password has to contain at least one:

- uppercase letter
- lowercase letter
- digit
- special character

Minimum length is 8 characters.

Existing Wiser for KNX/spaceLYnk Installation

In your web browser:

1. Type the IP address you have defined for your controller in the address bar of the web browser.
2. Click **Enter**.
3. Enter your existing login details and click **Enter**.
   It is mandatory to access with the administration account.
   - username: **admin**
   - password: ...

Launching the Start Page

The following procedure is the same for both new and existing installations. After successful login, the next step gets you to the start page.

NOTE: It is recommended that you have the latest firmware in your controller.

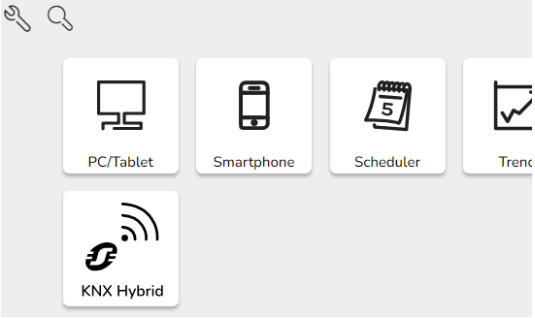
Install the Hybrid plugin to configure your wireless devices:

1. Click in the upper right corner.
2. A list of available applications that you can install will open.
3. Find the Hybrid plugin and click the download icon at the end of the line.
4. Click **Yes** to install the plugin.

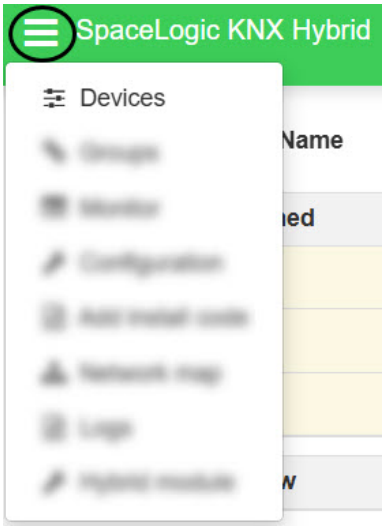
You can also install the plugin from a file on your computer (for example, if your controller does not have an Internet connection).

The Hybrid plugin will appear in your list of installed items.

When you return to the start page, you will see that the Hybrid plugin icon appears among your available applications as KNX Hybrid:



Devices



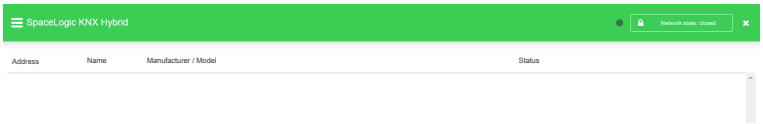
Preparing Your Module for Pairing

After you install the Hybrid plugin on the controller, you can pair your wireless devices to your controller. You can change parameters and group objects for each device.

1. Open your browser and connect to your controller.
2. Click the KNX Hybrid icon on the start page. This will take you to the plugin start page, which displays a list of the wireless devices.

KNX Hybrid icon on the start page

If you have not added any wireless devices yet, the list is empty.



Plugin home page

Make sure the Hybrid Module functionality indicator in the upper right of the home page is green ( ). If the indicator is red, or if the **Network state** button next to it is missing, the Hybrid Module is not working properly and you need to reboot your controller.

> **NOTE:** If you are accessing the module remotely via VPN, the indicator flashes red, and the **Network state** button is missing, even if the module is working. You cannot open and close the network remotely.

If there is no communication and the installation does not work, follow these steps:

Reboot your controller:

1. Close the Hybrid plugin with the cross at the top right.
2. On the Start page, click on the **Configurator** → **System** → **System** tab.

3. Select **Reboot** from the menu.

After you reboot your controller:

1. Return to the start page.
2. Prepare your wireless device that you want to pair.

NOTE: If a reboot does not help, try to power your device off and then on.

Pairing the Device

If your wireless device is battery powered, make sure you have a battery inside and remove the plastic film from the battery. If the device is mains powered, make sure it is properly connected to the mains.

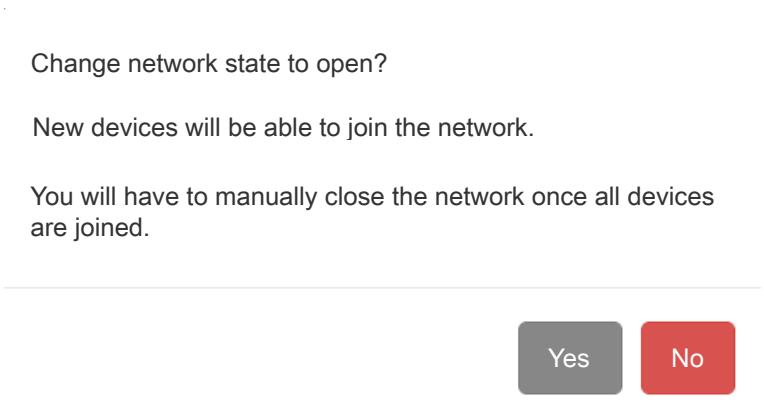
Find the Reset/Setup button on the back of your device. With this button, you can pair your device and reset it.

NOTE: If your ZigBee device does not have this button, follow the instructions in the device user manual.

You can also commission the devices using the Schneider Electric eConfigure software tool (see more here https://www.se.com/ww/en/download/document/eConfigure_ETS5_Lite175/).

You have to open your network to add the ZigBee wireless devices.

1. Click the **Network state** button at the top right. The change network state dialog appears:



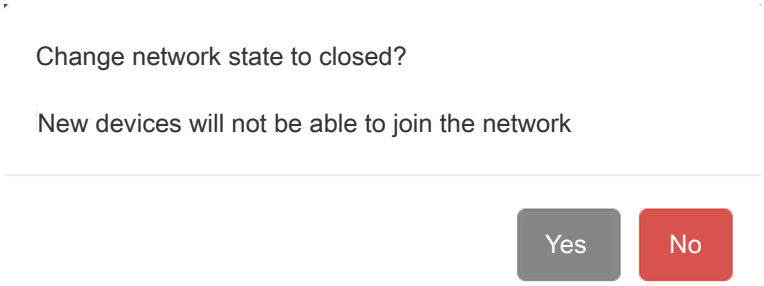
2. Click **Yes** to change the network status to **Open**.
3. Set your device to pairing mode (see Device Pairing Mode, page 17).

   NOTE:

   Your commissioned wireless device flashes orange after a triple-click. If the network is open, your device flashes green for a few seconds, and a new device line appears in the plugin. Your device is paired.
   Address: Short and long address of the device
   Manufacturer/Model: Device identification
   Status: The time last telegram was sent

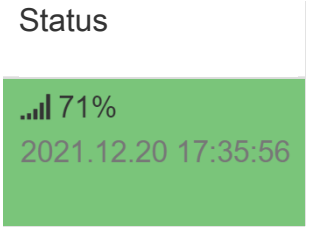
   IMPORTANT: It is recommended to check pairing procedure of your ZigBee device in the user guide of the device. The pairing process may vary between the devices.

4. If you are not adding any more devices, close the network. Click the **Network state** button at the top right again and click **Yes** to change the network status to **Closed**.



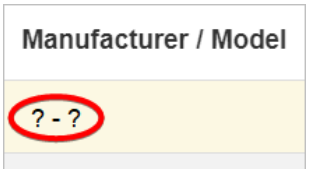
NOTE: The network closes automatically 10 minutes after opening. You can extend this interval. See more in Configuration, page 39.

NOTE: The green background of the status column means that data is being sent or updated.



Incomplete commissioning of battery devices

If you see question marks in the **Manufacturer/Model** column in the device line after commissioning, the device is not correctly commissioned, even if it looks like it.



Such a device would not work properly. If this happens, delete the device from the device list and configure it again. It is possible that you will need to commission your device repeatedly.

Do not forget to wake your device before deleting.

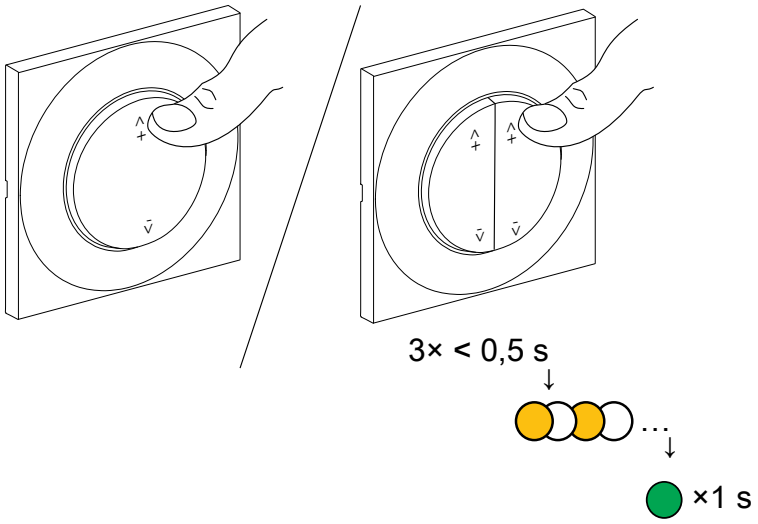
Device Pairing Mode

To pair the device with the controller, you need to put it in pairing mode.

Press the Reset/Setup button three times briefly until the LED on the front starts blinking orange.

The device is in pairing mode.

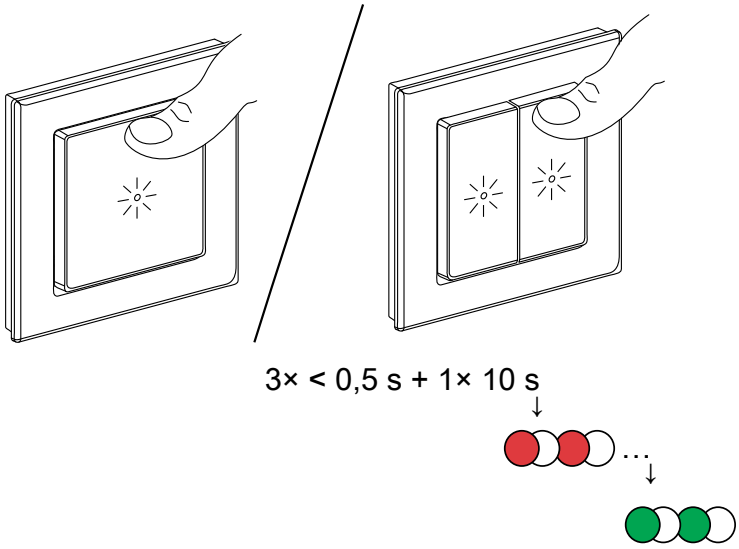
NOTE: If your device is flashing green, it is already paired. If you want to pair your device again or to another device, reset it first and repeat the pairing process.



NOTE: For more information on how to pair your wireless device, please refer to its user guide.

Resetting the Device

For most Wiser wireless devices, to reset them, you have to short-press the button three times and then long-press the button once for 10 s. The front LED starts flashing red slowly.



NOTE: For more information on how to reset your wireless device, please refer to its user guide.

Device Actions

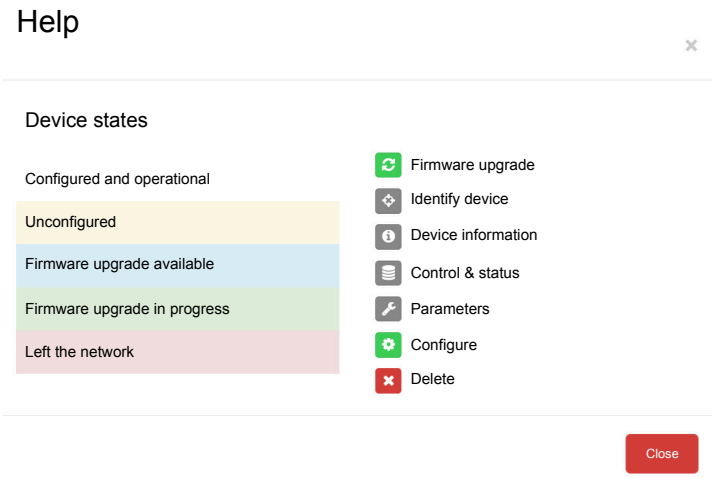
There are seven icons at the end of each device line. When you click these icons, you can do the following:

- Upgrade device firmware
- Allow joining through this device
- Identify device
- View device information
- Set device control and status
- Set device parameters

- Configure the device
- Delete device

Help

If you click in the upper right corner of the screen above the list of devices, you will see a **Help** section where you can find a description of each device action icon and device status background color.



Device Firmware Upgrade

By default, automatic device firmware update is disabled. With the **Firmware upgrade** icon you can manually upgrade the device firmware.

New firmware is available.

There is no new firmware available for the device.

NOTE: After the device is commissioned, the firmware upgrade button is disabled for some time, even if a firmware upgrade is available. It usually takes a few minutes for the upgrade button to become active.

If new firmware is available for the device (the device is colored blue), you can start the firmware upgrade:

Click > **Yes** > If you want to upgrade a battery device, interact with it to wake it up > click **Continue**.

The device will turn green (**Firmware upgrade in progress**) and then white (**Configured and operational**). Firmware upgrade is completed.

NOTE: You can only manually upgrade one device at a time.

If you do not want to upgrade your device firmware manually, enable automatic firmware upgrade of your device as follows:

Click > check **Enable automatic firmware upgrade**.

Your device firmware will be automatically upgraded whenever a firmware update is available. You can find information about the firmware version of your device if you click next to your device (Device Information, page 20).

NOTE: The **Network state** button for opening and closing the network is disabled during the firmware upgrade.

Allow Joining through This Device

This function allows you to initiate the pairing process through a specific device. For example, you can pair a sensor through a nearby socket. New devices can join the network but only through the selected router.

Steps to pair devices

1. Open the pairing dialog:
   - Click .
   - A dialog box will appear asking if you want to change the network status to **Open**.
   - Click **Yes**.
2. Pair the device:
   - Follow the instructions in the Pairing the Device, page 16 chapter to complete the pairing process.
3. Close the network:
   - Once pairing is complete, click the **Network state: open** button at the top right.
   - Click **Yes** to close the network.

Identify Device

The **Identify device** function is used to identify a device on the network.

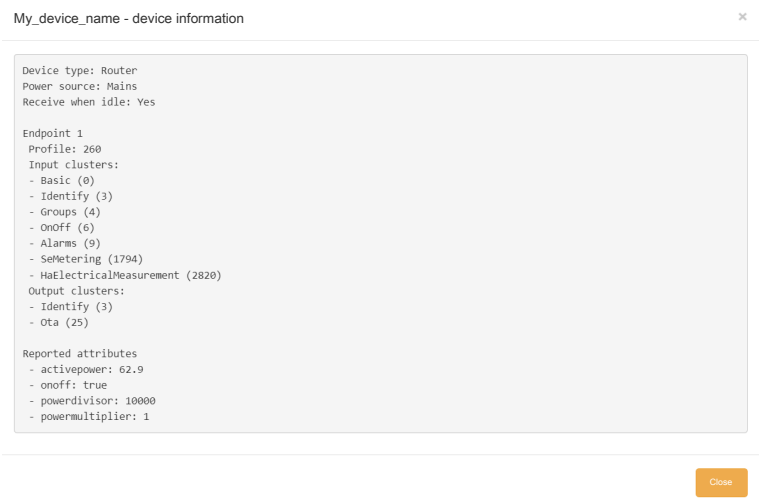
When you click , the device will start blinking or lighting up for about 15 seconds to identify itself.

This feature is useful when you are unsure which device is which.

Device Information

When you click the **Device information** icon , you will see a list of information about your device:

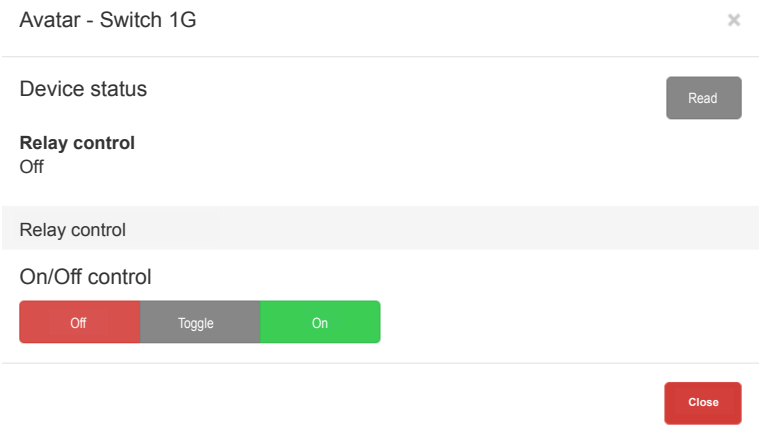
- Manufacturer
- Device type
- Firmware version
- Power source
- Status for receiving telegrams.
- Input and output ZigBee clusters.
- Reported attributes of the device.



Device Control and Status

Clicking on the **Control and status** icon allows you to control your device and check its status. Click and choose the action you want to perform. The control and status dialog box contains the following buttons (the number of buttons varies depending on the type of device):

- **Read**: Display the current status/consumption of the device.
- **Send**: Enter the value you want to send to the device in the input field and click Send.
- **On**: Turn on the device.
- **Off**: Turn off the device.
- **Toggle**: Switch the device between on and off.
- **Up/Open**: Raise/open the blinds/shutters.
- **Down/Close**: Lower/close the blinds/shutters.
- **Stop**: Stop the movement of the blinds/shutters.



For example, if you have commissioned several devices of the same model, and you need to distinguish which one is which, you can turn them on/off with the **Control and status** setting.

You can use **Control and status** for troubleshooting if you have a problem to control your device from **Touch** visualization. Turn your device on/off and check if it works.

> **NOTE:** This feature is not available for battery-powered devices. Battery-powered devices are usually idle.

Setting Device Parameters

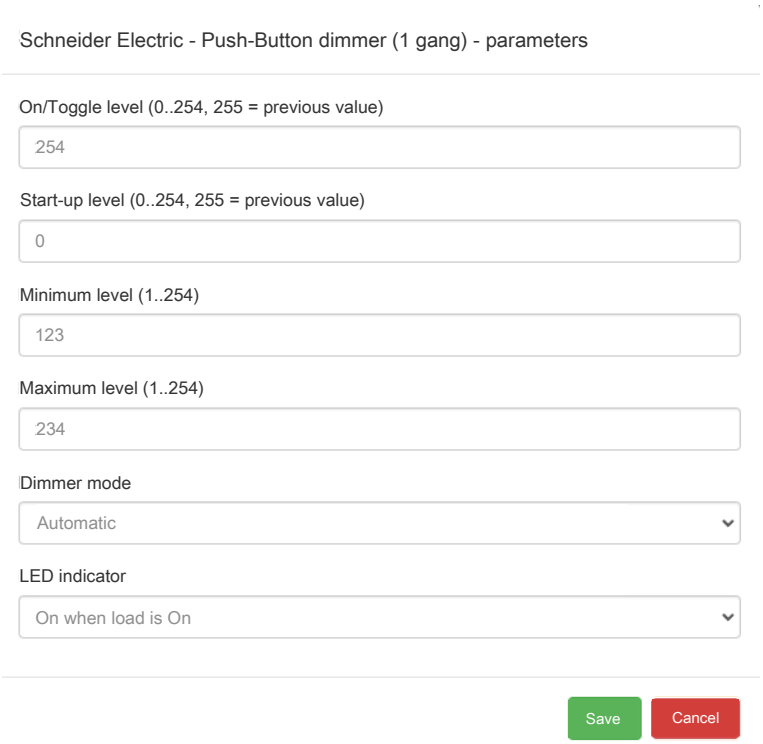
With , you can change the device parameters. The function is disabled for devices that do not have configurable parameters (appears light gray = inactive).

Opening the **Parameters** dialog:

- Click on the **Parameters** icon: .
- A dialog box will open where you can set individual values depending on the type of device.

Troubleshooting:

- If the device does not respond (**Parameters** dialog box does not open):
  1. Check if the device is turned on.
  2. Try waking it up by interacting with it.
  3. If that does not work, press the device's programming button and immediately click **Continue**.



List of Parameters

Device	Parameter	Parameter Description
Avatar dimmers	Indicator light level	LED light intensity (%)
	Indicator color	The color of the LED light (white/blue)
	LED indicator	LED lighting period (On when load is On/ Off, Always On/Off)
	Minimum level (1...254)	The minimum dimming level setting
	Maximum level (1...254)	The maximum dimming level setting
	Dimmer mode	Dimming mode setting – Automatic, RC (trailing edge), RL (leading edge), RL-LED.
Merten dimmer	Switch action	Switch function: • Light, Light (inverse*) • Dimmer, Dimmer (inverse*) • Standard shutter**, Standard shutter** (inverse*) • Schneider shutter**, Schneider shutter** (inverse*) • Scene – two scene numbers (one up, the other down)
	LED indicator	LED lighting period (On when load is On/ Off, Always On/Off).
	On/Toggle level (1...254, 255 = previous value)	Dimmer lighting level after turning on the dimmer.
	Start-up level (0...254, 255 = previous value)	Starting lighting level after power outage.
	Minimum level (1...254)	Limitation of the bulb function from below - minimum light value.
	Maximum level (1...254)	Limitation of the bulb function from above - maximum light value.
	Dimmer mode	Dimming mode setting – Automatic, RC (trailing edge), RL (leading edge), RL-LED.
Motion sensor dimmer	Device type switch/dimmer	Device type setting – dimmer or switch.
	Occupancy operation mode	Dimmer on and off setting (Manual mode; Auto; Auto on/off, Manual on/off)
	Detection timeout (seconds)	Detection duration.
	Ambience light threshold (lux)	If light intensity ≥ ambience light threshold, do not switch on.
Rotary dimmer	On/Toggle level (1...254, 255 = previous value)	Dimmer lighting level after turning on the dimmer.
	Start-up level (0...254, 255 = previous value)	Starting lighting level after power outage.
	Minimum level (1...254)	Limitation of the bulb function from below - minimum light value.
	Maximum level (1...254)	Limitation of the bulb function from above - maximum light value.
	Dimmer mode	Dimming mode setting – Automatic, RC (trailing edge), RL (leading edge), RL-LED.
Free locate switch	Indicator light level	LED light intensity (%).
	Indicator color	The color of the LED light (white/blue).
	Key 1 – 4	Button function setting – No configuration/ Toggle dimmer/ Scene.
	Switch mode	Setting the number of rockers.
	Switch action	Rocker function: • Light, Light (inverse*)

Device	Parameter	Parameter Description
		• Dimmer, Dimmer (inverse*) • Standard shutter**, Standard shutter** (inverse*) • Schneider shutter**, Schneider shutter** (inverse*) • Scene – two scene numbers (one up, the other down)
Motion sensor	Sensitivity level	Motion detection sensitivity setting – Default, Low, Medium, High
	Detection timeout (seconds)	Detection duration.
Shutter	Switch action	Switch function: • Light, Light (inverse*) • Dimmer, Dimmer (inverse*) • Standard shutter**, Standard shutter** (inverse*) • Schneider shutter**, Schneider shutter** (inverse*) • Scene – two scene numbers (one up, the other down)
	Indicator light level	LED light intensity (%).
	Indicator color	The color of the LED light (white/blue).
	LED indicator	LED lighting period (On when load is On/Off, Always On/Off).
	On/Off transition time	Total movement time of the shutter until fully closed/opened (tenth of a second).
	Motor type channel 1/2	Setting the type of motor - asynchronous or pulse motor.
	Height: time from fully closed to fully open (seconds)	Time from fully closed to fully open (seconds)
	Height: time from fully open to fully closed (seconds)	Time from fully open to fully closed (seconds)
	Tilt: time from fully open to fully closed (seconds, 0 = tilt disabled)	Time from fully open to fully closed (seconds, 0 = tilt disabled)
	Scene	Number of scene (button press = trigger).
Switch	Indicator light level	LED light intensity (%).
	Indicator color	The color of the LED light (white/blue).
	LED indicator	LED lighting period (On when load is On/Off, Always On/Off).
	Switch action	Switch function: • Light, Light (inverse*) • Dimmer, Dimmer (inverse*) • Standard shutter**, Standard shutter** (inverse*) • Schneider shutter**, Schneider shutter** (inverse*) • Scene – two scene numbers (one up, the other down)
Motion sensor switch	Occupancy operation mode	Light on and off setting (Manual mode; Auto; Auto on/off, Manual on/off).
	Detection timeout (seconds)	Detection duration.
	Ambience light threshold (lux)	If light intensity ≥ ambience light threshold, do not switch on.

Inverse* = Reverse order of switches (up/down is down/up) or dimming direction.

Schneider shutter** = Schneider shutter data points are supported.

Device Configuration

Key aspects of device configuration include assigning group objects, selecting the device location, and naming the device.

You can perform the configuration either manually or automatically.

Manual Configuration

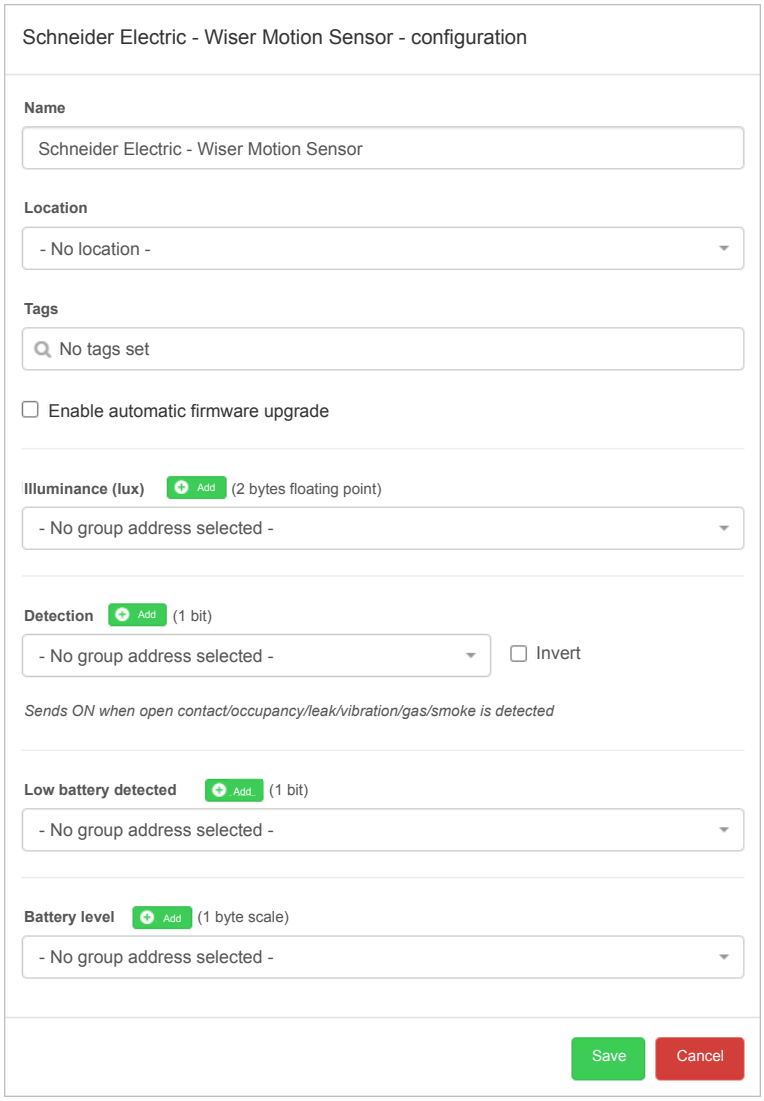
If you want to configure your devices manually, follow these steps:

1. Access **Settings**:
   - Click located on the right side of the device line. This will open the **Configuration** dialog where you need to set up the parameters for configuring the devices.
2. Name your device:
   - Give your device a unique name.
3. Organize devices:
   - To organize your devices into rooms or areas, use a **Location** parameter.

     NOTE: Before starting the configuration, ensure the device´s location (room) is set in the **Touch** application.

     You can create a location as follows:
     - Type the location name into the **Location** field and press **Enter**.
     - Alternatively, select the device location from the drop-down **Location** menu.
4. **Enable automatic firmware update**:
   - Enabling automatic firmware updates is recommended. This ensures that your devices always have the latest firmware, which can include important security patches, performance improvements, and new features. Keeping your firmware up-to-date helps maintain your devices´ reliability and security.
5. Map ZigBee attributes to KNX group objects:
   - You can use the already created group objects to control both ZigBee and KNX devices together by selecting KNX objects from a drop-down menu for each ZigBee attribute.
   - You can also create new KNX objects. For detailed steps on creating new objects, refer to the chapter Create New Object, page 32.

     NOTE: Battery-powered devices: If you map KNX objects to ZigBee attributes **Low battery detected** and **Battery level**, you can use those in **Touch** visualization. The device widget will show the battery level, and you can receive battery status notifications.
6. Generate widgets:
   - Click **Generate in Touch** option to generate widgets in the Touch visualization to control your ZigBee devices.



Automatic Configuration

The **automatic configuration** feature (also known as “drag and drop”) simplifies your setup process by automatically assigning the correct group objects to your devices and creating widgets in the **Touch** visualization.

What it does:

- Automatically assigns the correct **group objects** to your devices.
- Automatically creates **widgets** in the **Touch** visualization.
- Saves time and reduces manual configuration effort.

How to use automatic configuration:

1. Open the **Hybrid** plugin.
2. In the device list, locate the device you want to configure.
3. Drag the device and drop it into the desired location.

   NOTE: Make sure the room is already set in the **Touch** application.
4. After dropping the device, a dialog will appear: **New location Touch: Name of the location**
5. In the dialog:
   - Choose **Automatic configuration**.
   - Optionally rename your device.
   - Enable automatic firmware updates (recommended).

6. The system will:
   - Automatically assign the correct group objects (you can verify this by clicking the configuration icon of the device).
   - Automatically create a widget in the **Touch** visualization.

Automatic Configuration of HVAC

The automatic configuration feature is beneficial when setting up HVAC systems. In such cases, the **Hybrid** plugin not only assigns the appropriate group objects but also links HVAC devices together to ensure the HVAC system works properly.

What it does:

- Assigns the correct group objects to HVAC devices.
- Automatically links the devices to create a functional HVAC system.
- Creates a widget for the thermostat in the **Touch** visualization with linked iTRV´s.

Supported devices

Automatic HVAC configuration supports the following devices:

- iTRV radiator valves
- 16 Amp relay switches
- TCFMT thermostats (2 A or 16 A versions)
- Battery-powered thermostats (CCTFR6100)

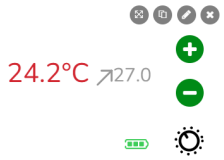
When these devices are placed **in the same room**, the system assigns group objects to them to link them together.

Group object assignment

- iTRV valves and 16 Amp relays each receive two group objects from the thermostat:
  - **Remote temperature value**
  - **Occupied heating setpoint control**

Widget creation

- A widget is automatically created **only for the thermostat**.



- To view linked actuators:
  1. Click the thermostat widget in **Touch Config**.
  2. In the **Settings** dialog under the **General** tab, you will see all actuators linked to the thermostat.

Monitoring battery and device status of linked devices

- In the **Touch**, click in the bottom-right corner of the thermostat widget.

- You can:
  - Hover over the device icon to see the device name and battery level as a percentage.
  - Check the actuator status: On = Valve is open / Relay is active.

Dimmers

Device	Object	Object Description
Dimmer	On/Off control (1 bit)	Turning on/off.
	Start/stop dimming (4 bits)	Button press dims 100 percent up or down. Releasing the button stops dimming.
	Up/stop (1 bit; true = up, false = stop)	Button press = dimming up, button release = stop.
	Down/stop (1 bit; true = down, false = stop)	Button press = dimming up, button release = stop.
	Set level directly (1 byte scale)	Set dimming level (%).
	On/Off status (1 bit)	Feedback for on/off.
	Level status (1 byte scale)	Feedback for dimming level.
	Steps per second (supported only on some devices)	Number of steps per second after pressing the button.
	Transition time (seconds) – supported only on some devices	The time during which it is to dim to the set intensity.
	Step size (0 = default) – supported only on some devices	Setting the dimming step range
Motion sensor dimmer	Illuminance (lux)	Light intensity.
	Occupancy (1 bit)	1-bit value for presence detection.
Dimmer button	On/Off/Toggle (1 bit)	Button function – on/off/toggle.
	Set level or step current value (1 byte unsigned)	Dimming by a set step.
	Step size (0 = default)	Setting the dimming step range.

Free Locate Switch

Device	Object	Object Description
Free locate switch	Battery level (1 byte scale)	Device battery level.
	On/Off/Toggle (1 bit)	On/Off/Toggle control.
	Start/stop dimming (4 bits)	Button press dims 100 percent up or down. Releasing the button stops dimming.
	Set level or step current value (1 byte unsigned)	Dimming by a set step.
	Step size (0 = default)	Setting the dimming step range.
	Scene (1 byte unsigned)	Sends number of the scene.
Merten	Up/Down/Stop (4 bits)	Button press dims 100 percent up or down. Releasing the button stops dimming.
	Up/Down (1 bit)	1 = dimming up, 0 = dimming down
	Stop (1 bit)	0 = stop dimming

Sockets

Device	Object	Object Description
Sockets	On/Off control (1 bit)	Turn on/off.
	On/Off status (1 bit)	Feedback for on/off.
	Active power (4 bytes floating point)	Current power consumption.
	RMS voltage (4 bytes floating point)	Value of electric voltage.

Device	Object	Object Description
	RMS current (4 bytes floating point)	Electric current.
	Energy delivered (4 bytes floating point)	Cumulative energy consumption. The value is reset to zero during commissioning.

Switches

Device	Object	Object Description
Switches	On/Off control (1 bit)	Turn on/off.
	On/Off status (1 bit)	Feedback for on/off.
Merten/Motion sensor switch	On/Off/Toggle (Push-button) – 1 bit	On/Off/Toggle control.
Motion sensor switch	Illuminance (lux) – 2 bytes floating point	Light intensity.
	Occupancy – 1 bit	1-bit value for presence detection.

Shutters

Device	Object	Object Description
Shutter	On/Off control (1 bit)	Turning on/off.
	On/Off status (1 bit)	Feedback for on/off.
	Level status (1 byte scale)	Feedback for position level.
Puck shutter	Height control (1 byte scale)	The height of the shutter (%) control.
	Tilt control (1 byte scale)	The tilt of the slats control.
	Up/Open (1 bit; true = up/open, false = stop)	Shutter goes up/opens.
	Down/Close (1 bit; true = down/close, false = stop)	Shutter goes down/closes.
	Up/Down/Stop (4 bits)	Move up/down 100% with two buttons. Pressing the button again stops the movement.
	Height status (1 byte scale)	Status feedback for height of the shutter.
	Tilt status (1 byte scale)	Status feedback for tilt of the slats.
Merten/Wiser shutter	Up/Down/Stop (push-button) – 4 bits	Move up/down 100% with two buttons. Pressing the button again stops the movement.
	Up/Down (push-button) – 1 bit	Up/down control.
	Stop (push-button) – 1 bit	Stop the movement.

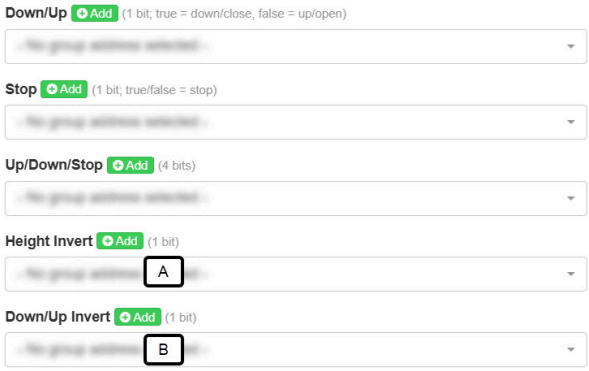
Shutter Inversion

Different technologies may use different interpretations of shutter position values.

In **KNX** systems, a position value (0–100 %) may represent a different physical state than in **ZigBee** devices.

For example, one system may interpret 100 % as fully open, while another may interpret it as fully closed. This can result in opposite behavior when controlling shutters.

To align the behavior, an **inversion function** can be used (A, B).



When inversion is enabled:

- The position value is recalculated as: position = 100 % − value
- Movement direction is reversed (up/down commands are swapped)

The inversion can be configured in:

- the Zigbee device parameters (Hybrid plugin / controller web interface)
- or at the KNX side (depending on project configuration, e.g. via group objects or visualization)

Only **one inversion** method should be used in the system to avoid inconsistent behavior.

Sensors

Device	Object	Object Description
Window/door sensor	Battery level (1 byte scale)	Device battery level
	Low battery detected (1 bit)	Device battery low detection
	Detection (invert) – 1 bit	Detection (sound signal) – sends ON when open contact/occupancy/leak/vibration/gas/ smoke is detected.

Device	Object	Object Description
Water leakage sensor	Battery level (1 byte scale)	Device battery level.
	Low battery detected (1 bit)	Device battery low detection.
	Detection (invert) – 1 bit	Detection (sound signal) – sends ON when open contact/occupancy/leak/vibration/gas/ smoke is detected.

Device	Object	Object Description
Temperature/Humidity sensor	Battery level (1 byte scale)	Device battery level.
	Temperature (2 bytes floating point)	Temperature detection (°C).
	Humidity (1 byte scale)	Humidity detection (%).

Device	Object	Object Description
Motion sensor	Battery level (1 byte scale)	Device battery level.
	Low battery detected (1 bit)	Device battery low detection.
	Detection (invert) – 1 bit	Detection (sound signal) – sends ON when open contact/occupancy/leak/vibration/gas/ smoke is detected.
	Illuminance (lux) – 2 bytes floating point)	Light intensity.

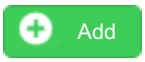
Device	Smoke Alarm 230V	Object Description
Smoke alarm 230 V	Battery level (1 byte scale)	Device battery level.
	Low battery detected (1 bit)	Device battery low detection.
	Battery defect (1 bit)	Defective battery detection.
	Temperature (2 bytes floating point)	Temperature detection (°C).
	Detection (invert) – 1 bit	Detection (sound signal) – sends ON when open contact/occupancy/leak/vibration/gas/ smoke is detected.
	Heat Alarm (1 bit)	Elevated temperature detection.
	Fault warning (1 bit)	Error detection.
	AC mains (1 bit)	230 V connection indicator.
	Test mode (local) – 1 bit	Device test mode (long press) that triggers an alarm (detection is not interrupted).
	Remote Alarm (1 bit)	Multiple sensors linked – one of them detects smoke, the others report a remote alarm.
	Hush mode (1 bit)	Temporarily interrupts the alarm by pressing the button.

Thermostats

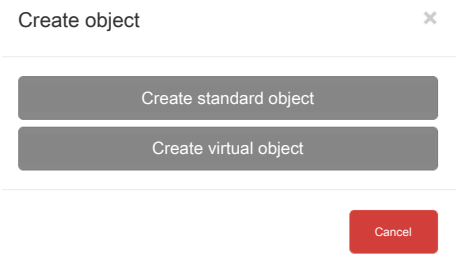
Device	Object	Object Description
Thermostat	Battery level (1 byte scale)	Device battery level.
	Keypad lockout control (1 byte unsigned / 8 bit enum.)	Disable/Enable keypad functionality.
	Temperature (2 bytes floating point)	Temperature detection (°C).
	Humidity (1 byte scale)	Humidity detection (%).
	Setpoint (10..30°C) – 2 bytes floating point	Required temperature.
	Occupied heating setpoint control (2 bytes floating point)	Required temperature for heating mode.
	Occupied cooling setpoint control (2 bytes floating point)	Required temperature for cooling mode.
	Heating control (1 bit)	Heating mode de/activation.
	Cooling control (1 bit)	Cooling mode activation/deactivation.
	Remote temperature value (2 bytes floating point)	External sensor temperature.
	Local temperature / Temperature (2 bytes floating point)	External sensor temperature or temperature measured by the device.
	Occupied heating setpoint status (2 bytes floating point)	Feedback for required temperature for heating mode.
	Occupied cooling setpoint status (2 bytes floating point)	Feedback for required temperature for cooling mode.
	Heating status (1 bit)	Feedback for heating mode (if active).
	Cooling status	Feedback for cooling mode (if active).
	Heating demand status (1 byte scale)	Valve position or heating pulse width modulation (in percentage).
	Cooling demand status (1 byte scale)	Valve position or cooling pulse width modulation (in percentage).
	Fixed Load Demand (4 bytes unsigned integer)	Nominal load power (for power and energy calculation).

Create New Object

To create a new object:

1. Click at the end of the device line.
2. Click 

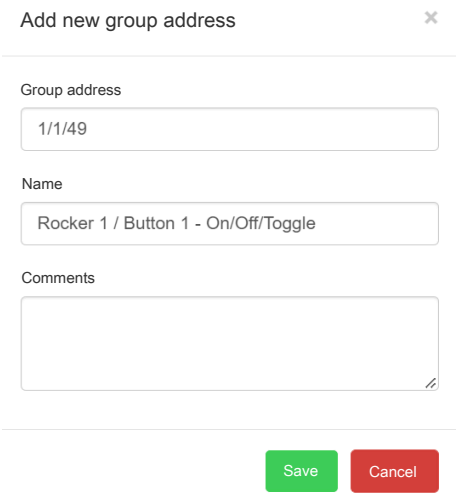
above the object drop-down menu.
A dialog will appear in which you can select the type of object.



Types of objects

- **Standard object** – object value changes are sent to the KNX bus.
- **Virtual object** – object value changes are never sent to the KNX bus. (Virtual objects are usually used for visualization or scripting.)

3. In the **Create object** dialog, click **Create standard/virtual object**.
4. Fill in the **Add new group address** form > click **Save**.



The new object appears in the object field of the **Configuration** form. Click **Save** to save the changes.

Specific Configuration of the ZigBee Devices

Before installing the device, check this table for specific configuration requirements. You can find the list of supported devices here: Supported Devices, page 46.

<table>
<tr><th>Device</th><th>Issue</th><th>Solution</th></tr>
<tr><td>Avatar Free locate switch</td><td>You want to assign different functions to the avatar free locate switch keys.</td><td>You can only assign a scene function to the keys of the avatar free locate switch. You assign the desired functions to the scenes.

The following example describes how to turn lights off and on with keys 1 and 2 and control shutter with keys 3 and 4.
1. Go to your device Parameters in the Hybrid plugin > assign a scene function and a scene number to each key in the Parameters form..
<table><tr><th>Key Nr.</th><th>Function</th><th>Scene Nr.</th></tr><tr><td>1</td><td>Scene</td><td>0</td></tr><tr><td>2</td><td>Scene</td><td>1</td></tr><tr><td>3</td><td>Scene</td><td>2</td></tr><tr><td>4</td><td>Scene</td><td>3</td></tr></table>2. Use the following script to link the key functions:
<pre>SC = event.getvalue()
 Light1 = '0/0/1'
 Light1_St = '0/0/2'
 Light2 = '0/0/3'
 Light2_St = '0/0/4'
 C1_Stop4B = '1/1/6'

L1 =grp.getvalue(Light1_St)
 L2 =grp.getvalue(Light2_St)
 C1stop=grp.getvalue(C1_Stop4B)

if SC==0 then -- FLS button 1 toggle Light 1
 grp.write(Light1, not L1)

 elseif SC==1 then -- FLS button 2 toggle Light 2
 grp.write(Light2, not L2)

elseif SC==2 then -- FLS button 3 open or stop curtain 1
 if C1stop ~= 0 then
   grp.write(C1_Stop4B,0)
   else
   grp.write(C1_Stop4B,6)
 end

 elseif SC==3 then -- FLS button 4 open or stop curtain 1
 if C1stop ~= 0 then
   grp.write(C1_Stop4B,0)
   else
   grp.write(C1_Stop4B,13)
 end

 end</pre></td></tr>
<tr><td>Avatar Blind</td><td>You want to move your curtain to a precise (absolute) position.</td><td>For this device, absolute positioning only fully closes or fully opens.</td></tr>
<tr><td>Avatar Blind</td><td>You want to open/close slats.</td><td>The product supports only the control of curtains. Map Up/Down objects to the Left/Right objects depending on your installation.</td></tr>
<tr><td>Dimmers and switches</td><td>Order of 2-gang keys for dimmers and switches.</td><td>For 2-gang dimmers or switches (Avatar range excluded), the right keys are gang/output #1, and the left keys are gang/output #2.</td></tr>
<tr><td>Dimmers</td><td>You want to control the ZigBee dimmer via relative dimming function.</td><td>Link the 03.007 dim/blinds step object to 4 bits Start/stop dimming Hybrid object of the free locate switch.

NOTE: For the Start/stop dimming object, the dimming speed is irrelevant to the selected value. For example, the object value Up 1% will dim up as quickly as theUp 100% one.</td></tr>
</table>

Device	Issue	Solution
Shutters/Blinds	The shutters/blinds move in reverse. Instead of down, they go up and vice versa.	1. Go to your device **Parameters** in the Hybrid plugin > select **inverse** shutter in the **Parameters** form. 2. Cross the wires leading to the shutter motor. 3. Swap the drive up and down time in the **Parameters** form. See Shutters, page 29 for details on position interpretation.
Motion sensor – Dimmer, Switch, Ceiling	The **Illuminance** object is sent every 10 seconds and overloads CPU.	Unmap **Illuminance** objects that are not necessary. Go to Configuration of your device > find 2 bytes **Illuminance** object field > unmap the object (the object field has to be empty) > click **Save**.

Delete ZigBee Devices

The last red icon in the device line is for removing ZigBee devices from the network.

If you want to delete your device, click at the end of the device line > click **Yes**.

The device will be removed from the network.

Reset the device physically so that it can join the network again.

You have to reset battery-powered devices manually to fully remove them from the network.

Extend Device Functionality

Mains-powered ZigBee devices with manual control (push-buttons, rotary knobs) have extended functionality of decoupling the front and back of the device. The front (push-buttons) part of the device can control a completely different device than the one it belongs to.

A blue note in the device Configuration dialog informs you of the extension possibility.

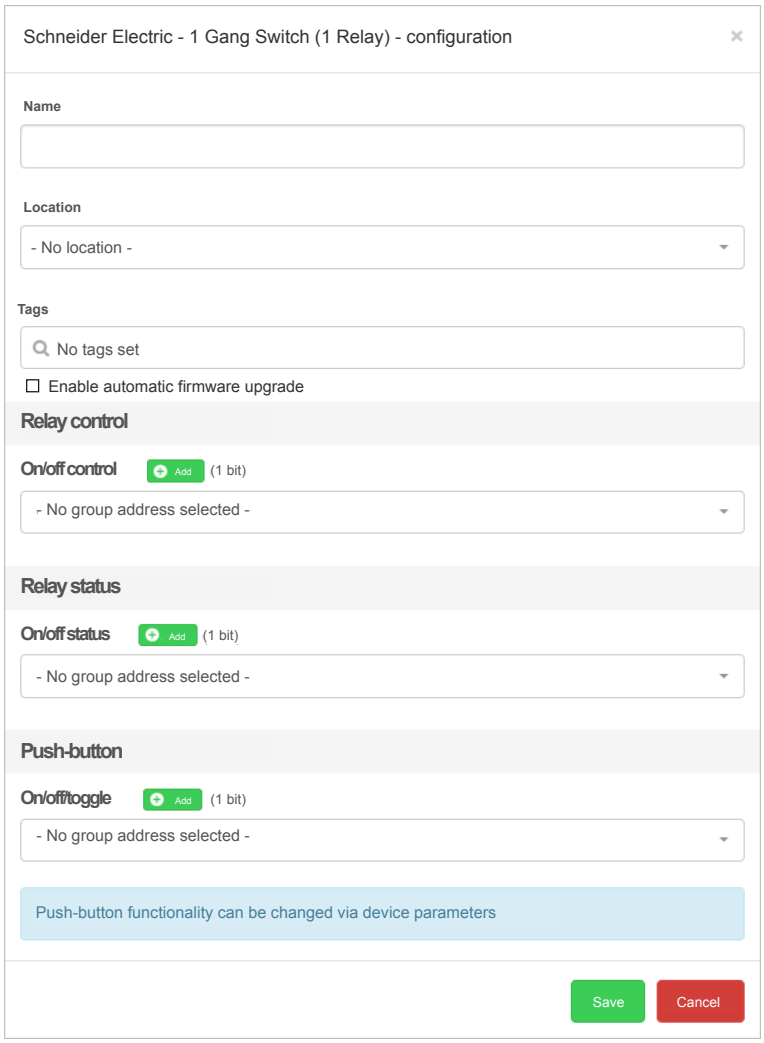
Devices without a push-button interface, like the Wiser micro-modules, do not support this extended functionality.

To use this functionality, do the following:

1. Go to Hybrid plugin > select a device that supports this functionality > click to open its **Parameters** setting.

2. In device **Parameters** setting, select from a drop-down menu which device type you want to control by switch action.

3. Click **Save**.
4. Click to open the **Configuration** dialog > configure your device. There are three sections in the **Configuration** dialog:
   - Name and device location.
   - Configuration of the back part of your device (device control, device status).
   - Push-button configuration (if your device supports it) at the front panel (buttons, knobs).



5. In the **Push-button** section, based on the setting you did in the **Parameters** section, you can see the functionality assigned to the front part of the device. Assign a group address to each functionality.

Touch Visualization

After commissioning the ZigBee device and mapping it into KNX objects, you can use those KNX objects for creating widgets in Touch visualization.

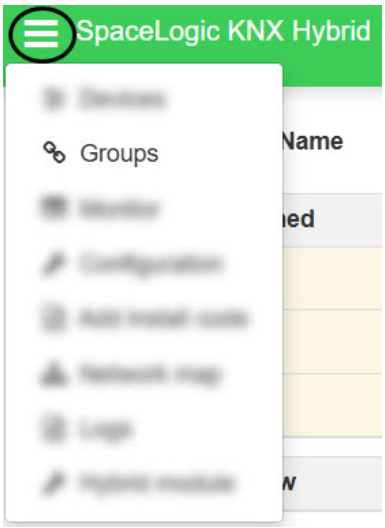
Click the cross at the top right to close the Hybrid plugin to be able to start Touch configuration.

On the Start page, click

. You get to the visualization configurator.

For more information check the controller user guide.

Groups



ZigBee groups are suitable for central functions or for bulk operations. For example, you can turn on/off all dimmers or open/close all blinds by sending a single telegram. You can control several devices at the same time and not overload the ZigBee network.

ZigBee groups can be composed of devices with the same functionality. Each device in the group remembers that it is part of the group and will only receive telegrams for its group.

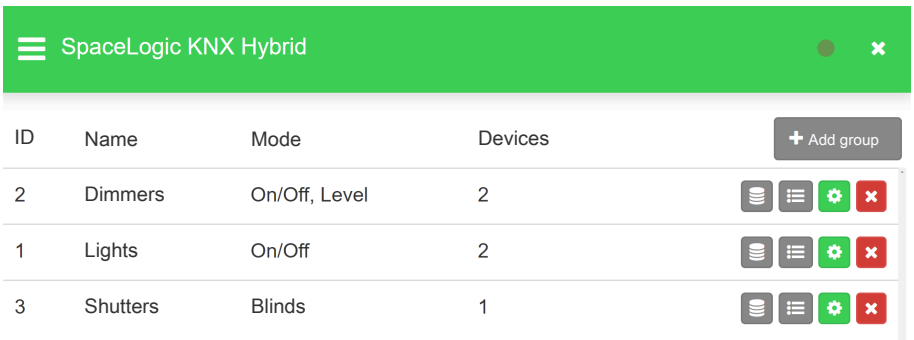
Only one group telegram is always sent to all ZigBee devices in the network. All devices will read the telegram. Only the devices that belong to the group will receive the telegram and perform the required operation.

To create a group, follow these steps:

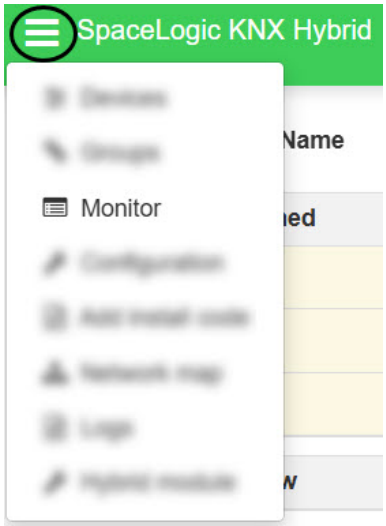
1. Click ☰ > select **Groups**.
2. Click **Add group** and fill in the form (group ID, name, mode).
3. Click **Save and configure**and fill in the form (name, location, assign group object to the control command).
4. Click **Save and add devices** > select the devices you want to add to your group.
5. Click **Add to group** and **Close**.

Your new group of devices appears in the list of groups.

You can further modify each group later, change its parameters, or delete it.



Monitor

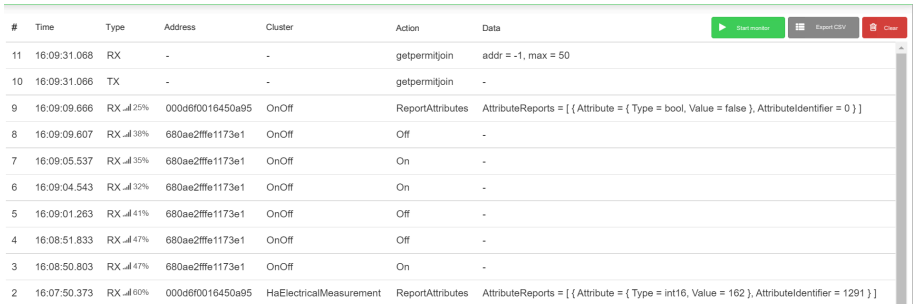


Monitoring is an information and diagnostic tool that allows you to get an overview of the functionality of the ZigBee network. The **Monitor** function monitors the activity of the device in the network and the values generated/received by the devices.

To run the monitoring, do the following:

1. Click > select **Monitor**.
2. Click the **Start monitor** button to start monitoring.

Messages start to appear on the screen in chronological order, containing the following information about the devices:



#	Time	Type	Address	Cluster	Action	Data
11	16:09:31.068	RX	-	-	getpermitjoin	addr = -1, max = 50
10	16:09:31.066	TX	-	-	getpermitjoin	-
9	16:09:09.666	RX 25%	000d6f0016450a95	OnOff	ReportAttributes	AttributeReports = [{ Attribute = { Type = bool, Value = false }, AttributeIdentifier = 0 }]
8	16:09:09.607	RX 38%	680ae2fffe1173e1	OnOff	Off	-
7	16:09:05.537	RX 35%	680ae2fffe1173e1	OnOff	On	-
6	16:09:04.543	RX 32%	680ae2fffe1173e1	OnOff	On	-
5	16:09:01.263	RX 41%	680ae2fffe1173e1	OnOff	Off	-
4	16:08:51.833	RX 47%	680ae2fffe1173e1	OnOff	Off	-
3	16:08:50.803	RX 47%	680ae2fffe1173e1	OnOff	On	-
2	16:07:50.373	RX 60%	000d6f0016450a95	HaElectricalMeasurement	ReportAttributes	AttributeReports = [{ Attribute = { Type = int16, Value = 162 }, AttributeIdentifier = 1291 }]

Number: Message serial number.

Time: The time when the message was received by the hybrid module.

Type: Data sent/received (S/R) and signal strength.

Address: MAC address of the device.

Cluster: Type of the ZigBee clusters.

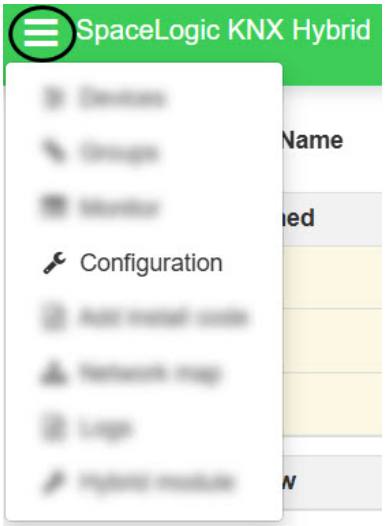
Action: Action taken (related to the cluster).

Data: Data sent/received.

If you want to stop monitoring, click **Stop monitor**.

You can export monitoring values as a CSV file to local storage: click **Export CSV**.

Configuration

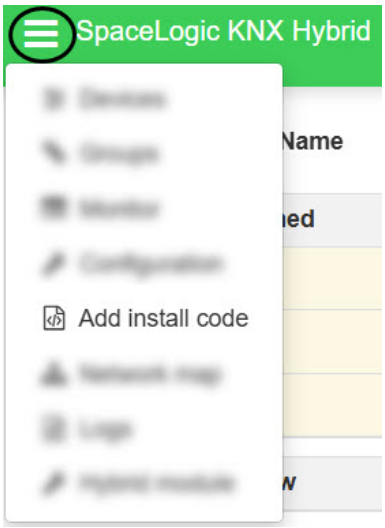


Network configuration is the process of setting your network characteristics. Configure the network before pairing the wireless devices:

1. Click > select **Configuration**.
2. Configure your network as follows:
   - **Channels**: The ZigBee standard defines 15 channels, all within the 2.4 GHz radio band. ZigBee channels are numbered 11-25, but they overlap many of the same frequencies as Wi-Fi channels 1-11.
   - **PAN ID**: Each ZigBee network is defined with a unique PAN (personal area network) identifier (ID), which is common among all devices of the same network. ZigBee devices are either preconfigured with a PAN ID to join, or they can discover nearby networks and select a PAN ID to join.

     NOTE: Change the PAN number each time you change the Hybrid Module. If multiple ZigBee networks are operating within range of each other, each should have unique PAN IDs.
   - **Network key**: The network encryption key size is 128 bits which is 16 hexadecimal values between 0 x 00 and 0 x FF. The payload of ZigBee messages is encrypted by the network key. The network key is exchanged with a device on pairing.
   - **Automatic network close time (minutes)**: The amount of minutes it takes the network (after opening) to automatically close itself.
   - **Debug logging**: Enable/disable ZigBee debug logging. You can see the debug logs in Logs, page 42.
3. Click **Save**.

Add Install Code



The **Add install code** function enables encrypted commissioning of your devices. It is the secure way how to commission your devices. You do not share the network information, for example, the network key.

You need to find out the following information from the QR code of your device:

- **Address** (EUI-64): MAC address
- **Install code**

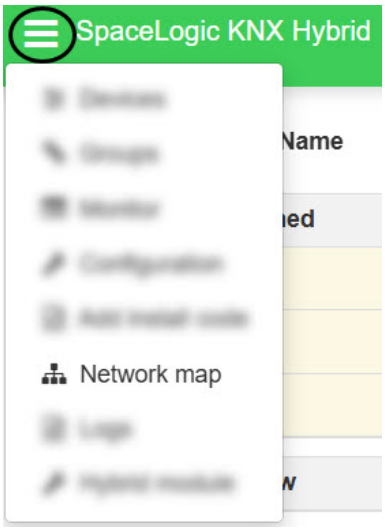
To enable encrypted commissioning of your device, follow these steps:

1. Click > select **Add install code**.
2. Enter the MAC address and install code of your device > click **Add**.

   NOTE: If your controller disconnects or reboots while adding the installation code and MAC address, you have to start over.

Now commission your device as described in Pairing the Device, page 16.

Network Map

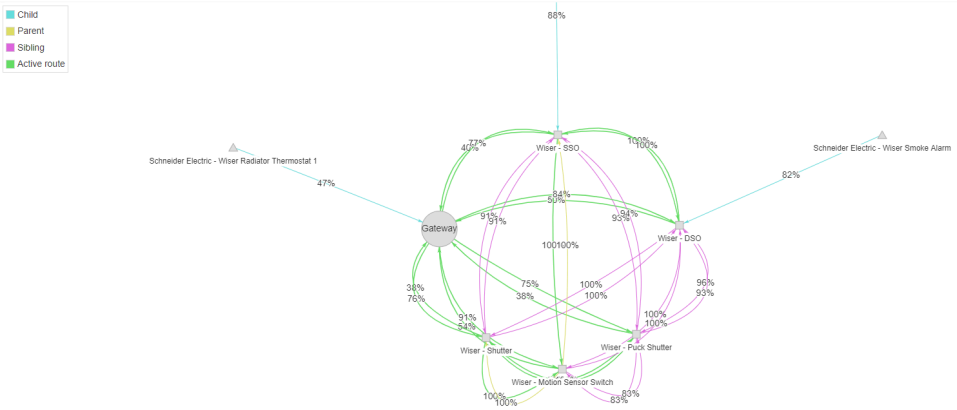


The Network map function graphically displays the mesh network topology with color-coded links between individual devices. Each link means communication between the devices (sending telegram).

You can filter links by clicking on the menu on the top left:

- **Child**: The device that reaches controller through another device (through parent device).
- **Parent**: The root device that other devices connect to as a children.
- **Sibling**: A device that the other device can “hear”, but is not connected to it.

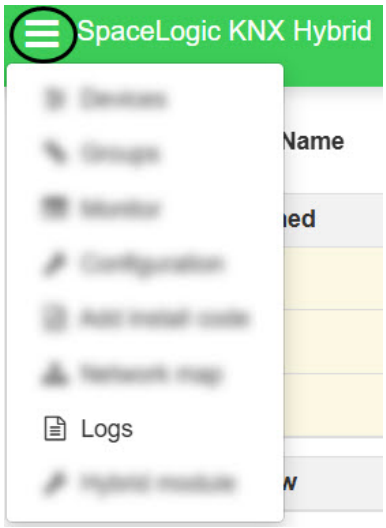
  Active route: Active connection.



The percentage means the strength of the mesh network signal (this data comes from the router).

Make sure all devices have enough signal to be controllable. Signal strength is also displayed during monitoring – see Monitor, page 38.

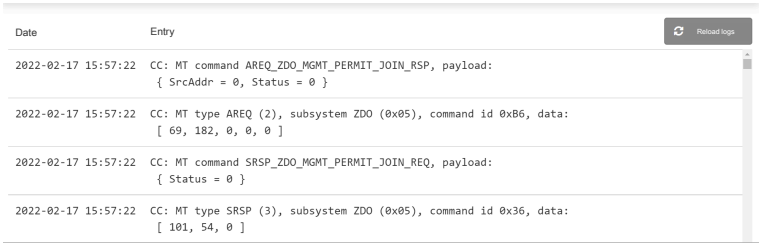
Logs



The network log is a direct access data set that stores messages and commands, communications about network functions.

You can gather every packet or a set of packets for further analysis, traffic monitoring, or troubleshooting.

To see the logs, click > **Logs**:

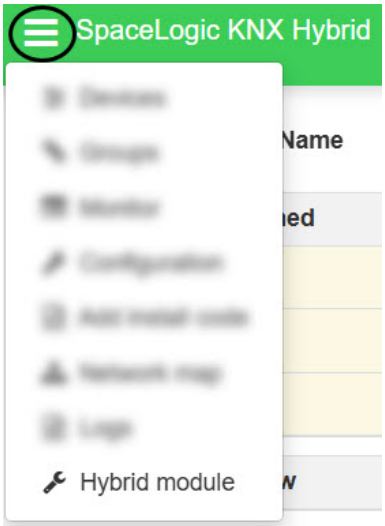


Several kinds of information can appear in your network log:

- Job time, step time, and data entered by user-written routines.
- Operating data.
- Descriptions of unusual events.

You can reload logs (click **Reload logs**) and export them in a *.txt file to your local storage (click **Export logs**).

Hybrid Module



The **Hybrid module** function provides access to backup and restore management for the ZigBee network.

It allows the user to create a memory backup of the Hybrid module and restore it when needed. This functionality is intended for system recovery and maintenance, ensuring that the network configuration and device data can be preserved and restored in case of failure or device replacement.

Important notes:

- The memory backup is overwritten each time a new backup is created.
- Restoring a backup overwrites the current system data.
- After restoring a backup, the system may temporarily appear non-functional.
- Devices may reconnect gradually and at different times.
- This is expected behavior and does not indicate a fault.
- The **Hybrid module** backup is not included in the controller project backup. It must be created and restored separately.

Backup and restore should be used only when necessary as part of system recovery.

Backup and Restore

The backup and restore functionality allows saving and restoring the state of the ZigBee network, including paired devices and their configuration.

When a backup is created, the system stores the current state of the network. During restore, this state is loaded back into the system.

After restoring a backup, the system returns to the state from the time when the backup was created.

This means that:

- Device statuses and timestamps may appear outdated.
- Communication with devices may not work immediately.

This behavior is related to the ZigBee communication mechanism.

After restore, devices may require additional time to resynchronize with the system.

When to Use Backup and Restore

Backup and restore is intended as a recovery tool.

Typical use cases:

- replacement of the controller or Hybrid Module,
- recovery after system failure,
- migration of configuration to a new device.

It is recommended to create a backup after commissioning or major configuration changes.

The **Hybrid module** backup stores the ZigBee network data. This backup is independent from the controller project backup and should be created separately.

For reliable system recovery:

- First create a **Hybrid module** memory backup.
- Then create a controller (project) backup.

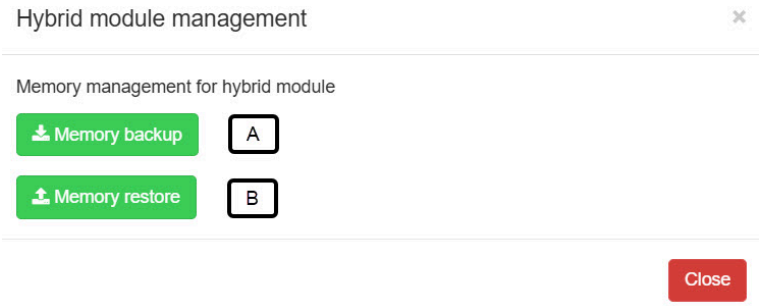
  IMPORTANT: Creating only the project backup without the **Hybrid module** backup results in incomplete restoration of the ZigBee network.

Accessing Backup and Restore

The backup and restore functions are available in the Hybrid plugin main menu.

To access them:

1. Open the Hybrid plugin
2. Click the menu icon in the top left corner
3. Select **Hybrid module**
4. The **Hybrid module management** dialog opens
5. Select:
   - **Memory backup** (A) to create a backup
   - **Memory restore** (B) to restore a backup



Creating a Backup

- Open the **Hybrid module management** dialog.
- Click **Memory backup**.
- Wait for the backup process to complete.

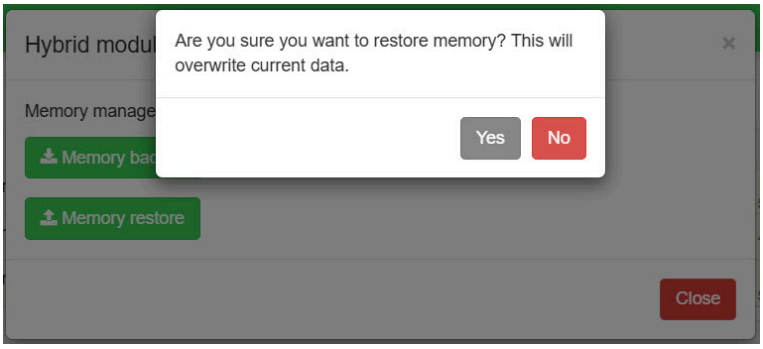
Restoring a Backup

1. Open the **Hybrid module management** dialog.
2. Click **Memory restore**.
3. Confirm the restore process.

The system automatically restores the backup stored on SD card of the controller.

Before restoring, a confirmation dialog is displayed:

- The system prompts the user to confirm the restore operation.
- The message informs that **current data will be overwritten**.



The user must confirm the action to proceed.

After restore:

1. Wait for devices to reconnect and synchronize.
2. Verify device communication.
3. Check correct system operation.

Supported Devices

This is a table of devices that have been tested for compatibility. Full compatibility cannot be guaranteed for devices that have not been tested.

Schneider Electric does not provide firmware upgrade for third-party devices.

Find out if your device is supported (Ctrl + F).

IMPORTANT: Before installing the device, check Specific Configuration of the ZigBee Devices, page 33 table for specific configuration requirements.

Actuators

Range	Commercial ref.	Description
Avatar ON	E8331SRYZB_xx	Switch, AvatarOn, Wiser, 1 gang, 1000W
Avatar ON	E8332SRYZB_xx	Switch, AvatarOn, Wiser, 2 gang, 1000W
Avatar ON	E8333SRYZB_xx	Switch, AvatarOn, Wiser, 3 gang, 1000W
Avatar ON	E8331SCN200ZB_xx	Wiser AvatarOn 1G Curtain SW,200W
Avatar ON	E8331DST350ZB_xx	Wiser AvatarOn 1G Dimmer,350W
Avatar ON	E8332SCN300ZB_xx	Wiser AvatarOn 2G Curtain SW,300W
Avatar ON	E8332DST400ZB_xx	Wiser AvatarOn 2G Dimmer,400W
Avatar ON T	E8631SC200ZB_xx_xx	Wiser AvatarOn T 1G Curtain SW,200W
Avatar ON T	E8631DS300ZB_xx_xx	Wiser AvatarOn T 1G Dimmer,300W
Avatar ON T	E8631SR800ZB_xx_xx	Wiser AvatarOn T 1G Switch,800W
Avatar ON T	E8632SC300ZB_xx_xx	Wiser AvatarOn T 2G Curtain SW,300W
Avatar ON T	E8632DS350ZB_xx_xx	Wiser AvatarOn T 2G Dimmer,350W
Avatar ON T	E8632SR800ZB_xx_xx	Wiser AvatarOn T 2G Switch,800W
Avatar ON T	E8633SR800ZB_xx_xx	Wiser AvatarOn T 3G Switch,800W
Exact	WDE00xxxx	Wiser Exxact Push Button relay switch
Exact	WDE00xxxx	Wiser Exxact PushButton LED Dimmer
Exact	WDE00xxxx	Wiser Exxact Rotary LED Dimmer
Exact	WDE00xxxx	Wiser Shutter control switch
FUGA	545D0103 / 545D6103	FUGA® Wiser Multiwire LED Rotary Dimmer
FUGA	545D0102 / 545D6102	FUGA® Wiser Wireless Dimmer
FUGA	545D0111 / 545D6111	FUGA® Wiser Wireless PIR Dimmer with Neutral
FUGA	545D0514 / 545D6514	FUGA® Wiser Wireless Double Relay
FUGA	545D0306 / 545D6306	FUGA® Wiser Wireless Motion Sensor Relay
FUGA	545D0115 / 545D6115	Wiser Relay FUGA® Wiser wireless socket (not fully integrated yet)
Odace	S520567	Connectable Blind Control Switch
Odace	S530567	Connectable Blind Control Switch
Odace	S520513	Connectable Universal Rotary Dimmer
Odace	S530513	Connectable Universal Rotary Dimmer
Odace	S540513	Connectable Universal Rotary Dimmer
Odace	S540567	Wiser blinds & shutters control switch

Range	Commercial ref.	Description
Odace	S520530	Wiser relay switch 10 A
Odace	S530530	Wiser relay switch 10 A
Odace	S540530	Wiser relay switch 10 A
Odace	S520522	Wiser universal push- button dimmer LED
Odace	S530522	Wiser universal push- button dimmer LED
Odace	S540522	Wiser universal push- button dimmer LED
System D	MEG5180-0000 + MEG5116-6000	1G 1-10v Dimmer + 1G Wiser Application Module
System D	MTN5180-0000 + MTN5116-6000	1G 1-10v Dimmer + 1G Wiser Application Module
System D	MEG5185-0000 + MEG5126-6000	1G Dali Dimmer + 1G Wiser Application Module
System D	MEG5151-0000 + MEG5116-6000	1G Electronic Switch + 1G Wiser Application Module
System D	MTN5151-0000 + MTN5116-6000	1G Electronic Switch + 1G Wiser Application Module
System D	MEG5161-0000 + MEG5116-6000	1G Relay Switch + 1G Wiser Application Module
System D	MTN5161-0000 + MTN5116-6000	1G Relay Switch + 1G Wiser Application Module
System D	MEG5165-0000 + MEG5126-6000	1G Shutter + 1G Wiser Application Module
System D	MTN5165-0000 + MTN5126-6000	1G Shutter + 1G Wiser Application Module
System D	MEG5171-0000 + MEG5116-6000	1G Universal Dimmer + 1G Wiser Application Module
System D	MTN5171-0000 + MTN5116-6000	1G Universal Dimmer + 1G Wiser Application Module
System D	MTN5172-0000 + MTN5126-6000	1G Universal Dimmer + 2G Wiser Application Module
System D	MEG5152-0000 + MEG5126-6000	2G Electronic Switch + 2G Wiser Application Module
System D	MTN5152-0000 + MTN5126-6000	2G Electronic Switch + 2G Wiser Application Module
System D	MEG5162-0000 + MEG5126-6000	2G Relay Switch + 2G Wiser Application Module
System D	MTN5162-0000 + MTN5126-6000	2G Relay Switch + 2G Wiser Application Module
System D	MEG5172-0000 + MEG5126-6000	2G Universal Dimmer + 2G Wiser Application Module
System M	MEG5180-0000 + MEG5116-0300	1G 1-10v Dimmer + 1G Wiser Application Module
System M	MTN5180-0000 + MTN5116-0300	1G 1-10v Dimmer + 1G Wiser Application Module
System M	MEG5185-0000 + MEG5126-0300	1G Dali Dimmer + 1G Wiser Application Module
System M	MEG5151-0000 + MEG5116-0300	1G Electronic Switch + 1G Wiser Application Module
System M	MTN5151-0000 + MTN5116-0300	1G Electronic Switch + 1G Wiser Application Module
System M	MEG5161-0000 + MEG5116-0300	1G Relay Switch + 1G Wiser Application Module
System M	MTN5161-0000 + MTN5116-0300	1G Relay Switch + 1G Wiser Application Module
System M	MEG5165-0000 + MEG5126-0300	1G Shutter + 1G Wiser Application Module
System M	MTN5165-0000 + MTN5126-0300	1G Shutter + 1G Wiser Application Module

Range	Commercial ref.	Description
System M	MEG5171-0000 + MEG5116-0300	1G Universal Dimmer + 1G Wiser Application Module
System M	MTN5171-0000 + MTN5116-0300	1G Universal Dimmer + 1G Wiser Application Module
System M	MEG5152-0000 + MEG5126-0300	2G Electronic Switch + 2G Wiser Application Module
System M	MTN5152-0000 + MTN5126-0300	2G Electronic Switch + 2G Wiser Application Module
System M	MEG5162-0000 + MEG5126-0300	2G Relay Switch + 2G Wiser Application Module
System M	MTN5162-0000 + MTN5126-0300	2G Relay Switch + 2G Wiser Application Module
System M	MEG5172-0000 + MEG5126-0300	2G Universal Dimmer + 2G Wiser Application Module
System M	MTN5172-0000 + MTN5126-0300	2G Universal Dimmer + 2G Wiser Application Module
Unica	NU350820	Wiser Antimicrobian blinds & shutters control switch
Unica	NU353720	Wiser Antimicrobian relay switch 10 A
Unica	NU351520	Wiser Antimicrobian universal push-button dimmer LED
Unica	NU351620	Wiser Antimicrobian universal rotary dimmer LED
Unica	NU3508xx	Wiser blinds & shutters control switch
Unica	NU3509xx	Wiser blinds & shutters control switch
Unica	NU3537xx	Wiser relay switch 10 A
Unica	NU3538xx	Wiser relay switch 10 A
Unica	NU3515xx	Wiser universal push- button dimmer LED
Unica	NU3517xx	Wiser universal push- button dimmer LED
Unica	NU3516xx	Wiser universal rotary dimmer LED
Unica	NU3518xx	Wiser universal rotary dimmer LED
Wiser	CCT5010-xxxx	Micromodule Dimmer
Wiser	MEG5010-0001	Micromodule Dimmer
Wiser	CCT5011-xxxx	Micromodule Relay
Wiser	MEG5011-0001	Micromodule Relay
Wiser	CCT5015-xxxx	Micromodule Shutter
Wiser	MEG5015-0001	Micromodule Shutter
Wiser	550B1012	Wiser micromodule dimmer
Wiser	550B1011	Wiser micromodule relay
Wiser	550B1013	Wiser Wireless Blind Control for Build in (Puck)
Wiser	CCT5010-0003	Wiser Multiwire LED Dimmer Puck

Battery Push-buttons

Range	Commercial ref.	Description
Avatar ON	E8332RWMZB_xx	Wiser AvatarOn 2K Freelocate
Avatar ON	E8334RWMZB_xx	Wiser AvatarOn 4K Freelocate

Range	Commercial ref.	Description
Avatar ON T	E8634RWMZB_xx_xx	Wiser AvatarOn T 4K Freelocate
Avatar ON T	E8636RWMZB_xx_xx	Wiser AvatarOn T 6K Freelocate
Exact	WDE002906	Wiser FLS Exxact, 1 gang with rocker white
Exact	WDE002924	Wiser FLS Exxact, 2 gang with rocker white
Odace	S5xx531	Wiser FLS Odace , 1- 2Gang
FUGA	550D0001 / 550D6001	FUGA® Wiser Wireless Battery 4 Button Switch
System D	MEG5001-0600	Wiser FLS System D, 1- 2Gang w/o rocker
System D	MTN5001-0600	Wiser FLS System D, 1- 2Gang w/o rocker
System M	MEG5001-0300	Wiser FLS System M, 1- 2Gang w/o rocker
System M	MTN5001-0300	Wiser FLS System M, 1- 2Gang w/o rocker
Unica	NU557118	Free located wireless switch (1-2 gangs)
Unica	NU557120	Free located wireless switch (1-2 gangs)
Unica	NU557130	Free located wireless switch (1-2 gangs)
Unica	NU557154	Free located wireless switch (1-2 gangs)

PIR/Actuators

Range	Commercial ref.	Description
Exact	WDE00xxxx	Wiser Exxact Motion sensor dimmer
Exact	WDE003367	Wiser Exxact Motion sensor relay
Unica	NU3527xx	Connected Motion sensor & PB dimmer LED
Unica	NU3526xx	Connected Motion sensor with switch 10 A

Sensors

Range	Commercial ref.	Description
Wiser	CCT5950xx/550B1022	Wiser ceiling motion sensor
Wiser	CCT599501/550B1028	Wiser Smoke alarm 230V
Wiser	CCT599001/550B1027	Wiser smoke alarm battery
Wiser	CCT5930xx/550B1024	Wiser temperature and humidity sensor
Wiser	CCT5920xx/550B1021	Wiser water leakage sensor
Wiser	CCT5910xx/550B1023	Wiser door/window sensor

Sockets

Range	Commercial ref.	Description
Avatar ON T	E8631510SSZB_xx_xx	Wiser AvatarOn T 5P switch socket
Exact	WDE00xxxx	Exxact DSO schuko screwles Wiser
Exact	WDE00xxxx	Exxact Wiser Smart single socket outlet 16A

Range	Commercial ref.	Description
Odace	S520559	Wiser Odace Smart socket outlet 16A single outlet - Pin earth type
Odace	S530559	Wiser Odace Smart socket outlet 16A single outlet - Pin earth type
Odace	S540559	Wiser Odace Smart socket outlet 16A single outlet - Pin earth type
System D	MEG2380-603x	Smart socket outlet 16A
System D	MTN2380-603x	Smart socket outlet 16A
System M	MEG2380-0xxx	Smart socket outlet 16A
System M	MTN2380-0xxx	Smart socket outlet 16A
Unica	NU5557xx	Wiser Unica Smart socket outlet 16A single outlet - Schuko type
Unica	NU5559xx	Wiser Unica Smart socket outlet 16A single outlet - Pin earth type
Wiser	CCT711119	Wiser smart plug
Wiser	CCTFR6500	Wiser Plug - FR - Type E
Wiser	CCTFR6501	Wiser Plug (Schuko version)

Thermostats

Range	Commercial ref.	Description
Wiser	CCTFR6100	Wiser Radiator Thermostat
Wiser	CCTFR6100Z3	Wiser Radiator Thermostat (not fully integrated yet)
Wiser	CCTFR6400	Wiser Room Thermostat

Elko Smart

Actuators

Range	Commercial ref.	Description	EL number	Color	Design
NH	EKO30172	SMARTBRYTER 10A RS RH	4540038	Pure white	RS
NH	EKO06996	SMARTBRYTER 10A RS PH	4540037	Polar white	RS
NH	EKO06997	SMARTBRYTER 10A PLUS PH	4540034	Polar white	Plus
NH	EKO06999	SMARTBRYTER 10A PLUS SO	4540036	Black	Plus
LS	EKO07115	SMARTBRYTER TRÅDLØS PLUS PH	4540054	Polar white	Plus
LS	EKO07117	SMARTBRYTER TRÅDLØS PLUS SO	4540056	Black	Plus
LS	EKO07090	SMARTDIM PUCK UNI 200W	4540040		
LS	EKO07144	SMARTRELE PUCK 10AX	4540041		

Range	Commercial ref.	Description	EL number	Color	Design
LS	EKO07145	SMARTSOLSK-JERMING PUCK	4540042		
NH	EKO30166	SMARTDIM 316GLED I RS RH	4540069	Pure white	RS
NH	EKO05669	ESH RS16 316GLED DIMMER RF PH	4523413	Polar white	RS
NH	EKO05821	ESH PLUS 316GLED DIMMER RF PH	4523410	Polar white	Plus
NH	EKO05824	ESH PLUS 316GLED DIMMER RF SO	4523412	Black	Plus
NH	EKO30198	SMARTDIM VRI MULTIWIRE RS RH	4540125	Pure white	RS
NH	EKO07281	SMARTDIM VRI MULTIWIRE RS PH	4540124	Polar white	RS
NH	EKO07278	SMARTDIM VRI MULTIWIRE PLUS PH	4540121	Polar white	Plus
NH	EKO07280	SMARTDIM VRI MULTIWIRE PLUS SO	4540123	Black	Plus
NH	EKO30169	SMARTMARKISE OPP/NED RS RH	4540048	Pure white	RS
NH	EKO09691	SMARTSOLSK-JERMING BRYTER RS PH	4540047	Polar white	RS
NH	EKO09692	SMARTSOLSK-JERMING BRYTER PLUS PH	4540044	Polar white	Plus
NH	EKO09695	SMARTSOLSK-JERMING BRYTER PLUS SO	4540046	Black	Plus
Wiser	EKO20002	SMARTDIM puck Multiwire	4500098		

PIR/Actuators

Range	Commercial ref.	Description	EL number	Color	Design
NH	EKO30170	SMARTPIR 10A RS RH	4540064	Pure white	RS
NH	EKO06991	SMARTPIR M BRYTER 10A RS PH	4540063	Polar white	RS
NH	EKO06988	SMARTPIR M BRYTER 10A PLUS PH	4540060	Polar white	Plus
NH	EKO06990	SMARTPIR M BRYTER 10A PLUS SO	4540062	Black	Plus
NH	EKO30199	SMARTPIR DIM MULTIWIRE RS RH	4540135	Pure white	RS
NH	EKO07253	SMARTPIR DIM MULTIWIRE RS PH	4540134	Polar white	RS
NH	EKO07250	SMARTPIR DIM MULTIWIRE PLUS PH	4540131	Polar white	Plus
NH	EKO07252	SMARTPIR DIM MULTIWIRE PLUS SO	4540133	Black	Plus

Sensors

Range	Commercial ref.	Description	EL number
Wiser	EKO07220	SMARTSENSOR BEVEGELSE TRÅDLØS	4540051
Wiser	EKO09764	SMART RØYKVARSLER AC 230V	6210342
Wiser	EKO09761	ELKO SMART RØYKVARSLER BATTERI	6210340
Wiser	EKO07219	SMARTSENSOR TEMP/FUKT TRÅDLØS	4540053
Wiser	EKO07218	SMARTSENSOR LEKKASJE TRÅDLØS	4540052
Wiser	EKO07217	SMARTSENSOR DØR/VINDU TRÅDLØS	4540050

Sockets

Range	Commercial ref.	Description	EL number	Color	Design
Wiser	EKO09716	SMARTSTIKK ENKEL 16A PLUS PH	4540088	Polar white	Plus
Wiser	EKO09734	SMARTSTIKK ENKEL 16A PLUS SO	4540090	Black	Plus
Wiser	EKO09738	SMARTSTIKK DOBBEL 16A PLUS PH	4540094	Polar white	Plus
Wiser	EKO09741	SMARTSTIKK DOBBEL 16A PLUS SO	4540096	Black	Plus
Wiser	EKO07699	SMARTPLUGG 16A	4540009	Polar white	Plus

Thermostats

Range	Commercial ref.	Description	EL number	Color	Design
RS16	EKO30465	SmartTermostat RS RH	4523406	Pure white	Plus
Plus	EKO07254	SmartTermostat Plus PH	4523403	Polar white	Plus
Plus	EKO07257	SmartTermostat Plus ALU	4523404	Aluminium	Plus
Plus	EKO07258	SmartTermostat Plus SO	4523405	Black	Plus
RS16	EKO07259	SmartTermostat RS PH	4523402	Polar white	Plus

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