Wiser™ KNX

Mobile Application User Guide

Release date 03/2025

Legal Information

The information provided in this document contains general descriptions, technical characteristics and/or recommendations related to products/solutions.

This document is not intended as a substitute for a detailed study or operational and site-specific development or schematic plan. It is not to be used for determining suitability or reliability of the products/solutions for specific user applications. It is the duty of any such user to perform or have any professional expert of its choice (integrator, specifier or the like) perform the appropriate and comprehensive risk analysis, evaluation and testing of the products/solutions with respect to the relevant specific application or use thereof.

The Schneider Electric brand and any trademarks of Schneider Electric SE and its subsidiaries referred to in this document are the property of Schneider Electric SE or its subsidiaries. All other brands may be trademarks of their respective owner.

Schneider Electric does not grant any right or license for commercial use of the document or its content, except for a non-exclusive and personal license to consult it on an "as is" basis.

Schneider Electric reserves the right to make changes or updates with respect to or in the content of this document or the format thereof, at any time without notice.

To the extent permitted by applicable law, no responsibility or liability is assumed by Schneider Electric and its subsidiaries for any errors or omissions in the informational content of this document, as well as any non-intended use or misuse of the content thereof.

Table of Contents

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.

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.

Please Note

Electrical equipment should be installed, operated, serviced, and maintained only by qualified personnel. No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this material.

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.

Before You Begin

Do not use this product on machinery lacking effective point-of-operation guarding. Lack of effective point-of-operation guarding on a machine can result in serious injury to the operator of that machine.

⚠WARNING

UNGUARDED EQUIPMENT

- Do not use this software and related automation equipment on equipment which does not have point-of-operation protection.
- Do not reach into machinery during operation.

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

This automation equipment and related software is used to control a variety of industrial processes. The type or model of automation equipment suitable for each application will vary depending on factors such as the control function required, degree of protection required, production methods, unusual conditions,

government regulations, etc. In some applications, more than one processor may be required, as when backup redundancy is needed.

Only you, the user, machine builder or system integrator can be aware of all the conditions and factors present during setup, operation, and maintenance of the machine and, therefore, can determine the automation equipment and the related safeties and interlocks which can be properly used. When selecting automation and control equipment and related software for a particular application, you should refer to the applicable local and national standards and regulations. The National Safety Council's Accident Prevention Manual (nationally recognized in the United States of America) also provides much useful information.

In some applications, such as packaging machinery, additional operator protection such as point-of-operation guarding must be provided. This is necessary if the operator's hands and other parts of the body are free to enter the pinch points or other hazardous areas and serious injury can occur. Software products alone cannot protect an operator from injury. For this reason the software cannot be substituted for or take the place of point-of-operation protection.

Ensure that appropriate safeties and mechanical/electrical interlocks related to point-of-operation protection have been installed and are operational before placing the equipment into service. All interlocks and safeties related to point-of-operation protection must be coordinated with the related automation equipment and software programming.

NOTE: Coordination of safeties and mechanical/electrical interlocks for point-of-operation protection is outside the scope of the Function Block Library, System User Guide, or other implementation referenced in this documentation.

Start-up and Test

Before using electrical control and automation equipment for regular operation after installation, the system should be given a start-up test by qualified personnel to verify correct operation of the equipment. It is important that arrangements for such a check are made and that enough time is allowed to perform complete and satisfactory testing.

⚠WARNING

EQUIPMENT OPERATION HAZARD

- Verify that all installation and set up procedures have been completed.
- Before operational tests are performed, remove all blocks or other temporary holding means used for shipment from all component devices.
- Remove tools, meters, and debris from equipment.

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

Follow all start-up tests recommended in the equipment documentation. Store all equipment documentation for future references.

Software testing must be done in both simulated and real environments.

Verify that the completed system is free from all short circuits and temporary grounds that are not installed according to local regulations (according to the National Electrical Code in the U.S.A, for instance). If high-potential voltage testing is necessary, follow recommendations in equipment documentation to prevent accidental equipment damage.

Before energizing equipment:

- Remove tools, meters, and debris from equipment.
- Close the equipment enclosure door.
- Remove all temporary grounds from incoming power lines.

- Perform all start-up tests recommended by the manufacturer.

Operation and Adjustments

The following precautions are from the NEMA Standards Publication ICS 7.1-1995:

(In case of divergence or contradiction between any translation and the English original, the original text in the English language will prevail.)

- Regardless of the care exercised in the design and manufacture of equipment or in the selection and ratings of components, there are hazards that can be encountered if such equipment is improperly operated.
- It is sometimes possible to misadjust the equipment and thus produce unsatisfactory or unsafe operation. Always use the manufacturer’s instructions as a guide for functional adjustments. Personnel who have access to these adjustments should be familiar with the equipment manufacturer’s instructions and the machinery used with the electrical equipment.
- Only those operational adjustments required by the operator should be accessible to the operator. Access to other controls should be restricted to prevent unauthorized changes in operating characteristics.

About the Document

Document Scope

This user manual provides detailed information on the installation and use of the Wiser KNX mobile application. With the Wiser KNX mobile app, you can easily control and monitor your home's KNX and ZigBee devices directly from your mobile device, anywhere you have internet access.

Validity Note

This document provides information related to the latest available version of the mobile application. To use all the features, make sure you have the latest version of the mobile application installed.

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.

Available Languages of the Document

The document is available in these languages:

- Czech
- English
- French
- German
- Italian
- Norwegian
- Spanish
- Swedish

Related Documents

- Wiser for KNX controller user guide
- Wiser for KNX instruction sheet
- spaceLYnk controller user guide
- spaceLYnk instruction sheet
- Wiser for KNX, spaceLYnk – How to create a widget based visualization in Touch 3
- Wiser KNX mobile application – installation package (iOS)
- Wiser KNX mobile application – installation package (Android)
- Voice control – Alexa
- Voice control – Google Assistant

To find documents online, visit the Schneider Electric download center (www.se.com/ww/en/download/).

Pay particular attention to the user manuals for the controllers, which now include a chapter on the HomeKit plugin.

Information on Non-Inclusive or Insensitive Terminology

As a responsible, inclusive company, Schneider Electric is constantly updating its communications and products that contain non-inclusive or insensitive terminology. However, despite these efforts, our content may still contain terms that are deemed inappropriate by some customers.

Trademarks

This guide refers to system and brand names that are trademarks of their relevant owners.

- Apple® and App Store® are brand names or registered trademarks of Apple Inc.
- Google Play™ Store and Android™ are brand names or registered trademarks of Google Inc.
- Wi-Fi® is a registered trademark of Wi-Fi Alliance®.
- Wiser™ is a trademark and the property of Schneider Electric, its subsidiaries, and affiliated companies.

Other brands and registered trademarks are the property of their respective owners.

User Roles and Permissions

In the mobile application, user roles and permissions are essential for managing access and control within the system. This chapter outlines the roles available, including the Homeowner and System Integrator/Family, and details the specific permissions and shared privileges associated with each role.

Understanding these roles and permissions ensures that users can effectively manage their smart home environment, maintain security, and customize access according to their needs.

1. **Homeowner**
   - Primary user/account that pairs with a controller.
   - Grant and revoke access for System integrator/Family. Access can either be unlimited or restricted to a specific time frame determined by the Homeowner.
   - Restrict access to specific rooms for System integrator/Family.
   - Set up the controller's name and address.

2. **System integrator/Family**
   - Users/accounts granted access by the Homeowner.
   - There is no difference in privileges between the System integrator and Family roles.
   - Revoke access to a controller that a Homeowner granted.

Shared privileges (for both Homeowner and System integrator/Family)

- Control and monitor devices
- Rename devices and rooms
- Edit schedulers
- Edit and execute moments
- Edit automations
- Access energy data
- Manage notifications
- Manage tariffs
- Manage consents

Wiser KNX App Availability

The Wiser KNX app is currently available in the following countries:

- Austria
- Belgium
- Croatia
- Czech Republic
- Denmark
- Ecuador
- Egypt
- Finland
- France
- Germany
- Greece
- India
- Israel
- Italy
- Jordan
- Kuwait
- Latvia
- Lebanon
- Lithuania
- Malta
- Netherlands
- Norway
- Oman
- Poland
- Portugal
- Romania
- Qatar
- Saudi Arabia
- Singapore
- Slovakia
- Slovenia
- Spain
- Sweden
- Turkey
- UAE
- United Kingdom
- Ukraine

Wiser KNX System

The Wiser KNX system provides a robust, convenient, and scalable solution for managing your KNX installation.

You can integrate it with the new Wiser KNX mobile application if the app is available in your country (see Wiser KNX App Availability, page 13).

The Wiser KNX application lets you control and monitor your KNX and ZigBee devices from anywhere with an Internet connection.

Additionally, the Wiser for KNX logic controller (LSS100100) serves as a versatile multi-protocol logic controller, allowing you to:

1. Visualize your KNX installation
2. Control your KNX and ZigBee devices
3. Create advanced logic

Requirements for a Wiser KNX system

To use the mobile application, you need at least the following devices and conditions:

Wiser for KNX controller (LSS100100)	• Hardware version higher than 2.0 • Firmware – 3.0.0 or higher	The Wiser for KNX controller handles visualizing the KNX and ZigBee devices in the installation and enables communication with the Wiser KNX app.
KNX project and a running installation	All KNX devices are installed and configured through the ETS application or Schneider's eConfigure.	This has to be done by a qualified system integrator or electrician.
Internet access for the controller	To use the Wiser KNX mobile app, your Wiser for KNX controller must be connected to the Internet via a router.	You do not need an Internet connection to operate the KNX and Wiser wireless devices.
Supported devices	For more information, read Widget-Based Visualization, page 22.	
Smartphone	• iOS version 13.4 and higher • Android version 10 and higher	The mobile application supports portrait mode on smartphones and both portrait and landscape modes with auto-rotation on tablets.
Wiser KNX app	For more information, read Installing the Mobile Application, page 62.	
A valid e-mail address	To set up your Wiser KNX app, register an account at Schneider Electric with a valid email address.	If you already have an existing account (from the previous Wiser for KNX app), use it for the new Wiser KNX app.

Mounting Your Controller

- **Check the instruction sheet.**

  https://www.go2se.com/ref=LSS100100

- **Install your controller in the low-voltage electrical cabinet.**

  It is powered by a 24 V power supply and connected to the KNX network through twisted pair (TP) cables or IP.

- **Connect your controller to the Internet router.**

  Without the Internet, the controller cannot be controlled via the app.

Prepare Your Controller

If you want to connect with the Wiser KNX app, you must enable your Wiser for KNX controller for cloud communication.

- **Update** the firmware in your controller to the highest available version (Firmware Update, page 17).
- **Enable** Cloud Connector and KNX IoT 3rd Party API applications. Both will be automatically installed with firmware updates.

  NOTE: It is recommended to **allow automatic updates** of Cloud Connector and KNX IoT 3rd Party API applications.

Firmware Update

1. Go to www.se.com.
2. In the top left corner, choose your country.
3. Enter LSS100100 in the search bar. From the search results, choose **LSS100100 Wiser for KNX logic controller**.
4. On the product page, scroll down to the **Software and Firmware** section.
5. Click the firmware file (the highest available version) corresponding to your hardware version. It automatically downloads to your local repository.
6. In your controller, access the **Configurator** (accessible only with the Admin account).
7. Click 

> **System** tab at the top left > **Upgrade firmware**.
8. In the pop-up window, click **Choose File** and select the file downloaded in step 3.
9. Click **Open** and update the firmware. Once done, your controller automatically reboots.

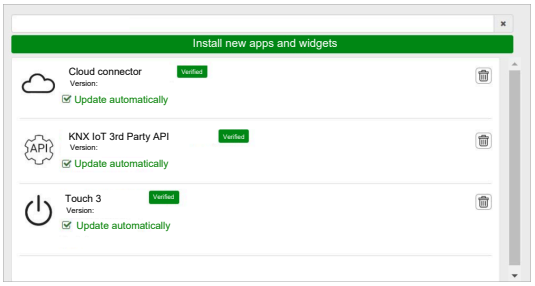
NOTE: The Wiser KNX app is compatible with version 2 and higher hardware.

Cloud Connectivity

Firmware (Firmware Update, page 17) automatically installs the Cloud connector, KNX IoT 3rd Party API, and Touch visualization applications in the controller, together with a new feature that allows the automatic updating of the applications.

It is highly recommended that you enable automatic updates.

Then you do not have to manually update the applications in your controller Marketplace in the future.



Enable Cloud Connector and KNX IoT 3rd Party API

Cloud Connector

On the start page of your controller, click the **Cloud connector** tile to open the **Cloud connector**. Then, enable the **Cloud connector** for cloud communication.

The **Cloud connector** tile on the start page will show the status of the application:

Connected

In the connection process

Not able to connect

Disabled

KNX IoT 3rd Party API

Next, open the **KNX IoT 3rd Party API** application, go to the **SETTINGS** tab, and enable the following options:

- **Enable API for cloud**
- **Enable API for local network** (optional)
- **Send 3rd party application data (e.g., Energy app)**

The KNX IoT 3rd Party API tile on the start page will indicate the application's status by the color in the upper left corner of the tile:

- Dark grey icons of the cloud or network: Remote or local access to the KNX IoT 3rd Party API is enabled.

- Light grey icons of the cloud or network: Remote or local access to the KNX IoT 3rd Party API is disabled.

In the **TRAFFIC LIGHTS** tab, you can view the current health status of your device from a performance perspective. The indicators are represented as percentages of the maximum load, ensuring that your device responds effectively to all other possible events. Hover over any indicator to see its detailed meaning.

You can tell the controller's load status from the Start page by the color of the dot in the upper left corner of the API tile:

-  Having a load on any indicator **below 50%** is great.

- Anything **below 80%** is considered **OK**. Although the load is high, there is no need for intervention.

- Values **above 80%** indicate that your controller is on the edge of optimal performance, and you should take the recommended action.

Voice Control

The controller supports the voice control functionality from the Amazon Alexa and Google Assistant services.

To enable those, follow the steps explained in the documents below:

Amazon Alexa

https://www.se.com/ww/en/download/document/AN002_104/

Official supported languages:

- English
- German
- Spanish
- French
- Italian
- Portuguese

Google Assistant

https://www.se.com/ww/en/download/document/AN002_108/

Official supported languages:

- English
- German
- Spanish
- French
- Italian
- Portuguese

Before You Install the Mobile Application

After meeting the following requirements, you can start installing and setting up your mobile application:

Running KNX installation	A system integrator or electrician installed and set up the KNX devices using the ETS application or Schneider´s eConfigure commissioning tool.
Wiser for KNX controller installed	The controller fulfills the hardware and firmware requirements in chapter Prepare Your Controller, page 17. It has been properly set up, the KNX project has been imported into it.
The controller properly set up, the KNX project imported into the controller	For detailed information, refer to the Wiser for KNX user guide, which is available at https://www.se.com/ww/en/product/LSS100100/wiser-for-knx-logic-controller/.
Touch visualization created	See more in Touch 3 Visualization, page 22.

- **Touch 3** is a widget-based visualization that provides easy control over KNX and Zigbee devices in the installation.

  In a few steps, the system integrator creates the building structure (floor and rooms), adds specific widgets and selects the required KNX group objects depending on the widget´s function.

  Once created, widgets will automatically generate the visualization in the Wiser KNX app.

  You can add widgets at any time later. Widgets are automatically synchronized with the Wiser KNX app.

  For detailed information on how to create the visualization in Touch and configure the widgets, refer to the instruction *Wiser for KNX, SpaceLYnk - How to create a widget-based visualization in Touch 3* available here: https://www.se.com/ww/en/download/document/AN002_105_SL/.

- **eConfigure** is the software tool for designing, configuring, and maintaining the KNX building automation system. With this tool, you can manage your KNX installation without perfect knowledge of KNX or ETS. See more here.

Widget-Based Visualization

As an open standard for home automation, KNX guarantees the interoperability of the devices regardless of manufacturer.

The system integrator installs and configures the KNX project and creates a widget-based visualization with the KNX/Zigbee devices in the Touch application.

The Touch visualization is then converted to visualization in the Wiser KNX app (as explained in Touch 3 Visualization, page 22).

In the Touch visualization, you can add your devices and change their parameters.

You can add other elements at any time later.

Touch 3 Visualization

Touch 3 is an application that allows you to control your KNX and ZigBee devices through a widget-based visualization. It also provides input for the mobile application. With the Touch Config application, the system integrator designs a visualization.

Creating Touch 3 Visualization

1. On your web browser, log in to your controller.
2. On the **Start page** of your controller, click **Touch Config**  to open the visualization configurator **Main screen**.
3. Click **ADD NEW FLOOR** at the bottom of the page, name your floor, and press **Enter** on your keyboard.
4. Continue by adding rooms: Click **ADD NEW ROOM**, name your room, and press **Enter** on your keyboard.
5. Assign icons to your rooms: Open the room and click **ICON**.

   Icons are categorized in several tabs:

   - SVG
   - Title
   - Line Awesome
   - Custom

   Each category has a different style. Custom icons can be uploaded.
6. Add widgets to your room:
   - Click the **+** icon in the upper right corner of the room screen.
   - Select the widget you want to add.
7. In the widget **Settings** dialogue:
   - Fill in the configuration parameters (as described here: Widget Configuration, page 23)
   - Verify the widget (refer to the Widget Verification, page 23 section).

You can copy rooms together with all widgets and paste them into any floor of your building. The room and widget styles are preserved.

The KNX objects mapping has to be changed according to your installation.

Learn more on creating Touch visualization: https://www.se.com/ww/en/download/document/AN002_105_SL/.

Widget Verification

When creating widgets, ensure all required fields for each widget are entered as described in the following pages. Before saving the widget, you can perform the following verifications:

1. **Verify for Local**
   - Click the **Verify for Local** button. This verification ensures that all required fields for controlling the widget from the **Touch** visualization are filled.
   - If everything is correct, you will see the green message *Verified for Local* at the bottom left of each **Settings** dialogue tab.
   - If any mandatory fields are missing, they will be highlighted in red for you to fill in.
2. **Verify for App**
   - Click **Verify for App**. This verification ensures that all required fields for controlling the widget from the mobile application are filled.
   - If everything is correct, you will see the green message *Verified for App* at the bottom left of each **Settings** dialogue tab.
   - If any mandatory fields are missing, they will be highlighted in red for you to fill in.

Widget Configuration

To control your device through the mobile application, you must properly configure the widgets in the Touch application properly. The following sections describe which widget to use for the required functionality, the mandatory parameters, and group objects that need to be configured.

Function	Widget
Lighting	Light switch Dimmer Dali RGB RGBW
Shutters	Blinds Vertical shutters with slats Horizontal shutters with slats
Climate	General switch AC switch Thermostat + mode + fan Thermostat VDC Electric underfloor heating
Energy	Socket EVlink Pro AC: This widget is set up through the **Energy** plugin, not the Touch configuration.
Safety	General alarm Smoke alarm Gas alarm Water leak alarm Multisensor

Function	Widget
	Weather station
Security	Door sensor Window sensor Motion sensor Doorlock
Scenes	Scenes

NOTE: If you are adding a new widget that you want to control from the mobile app, use the **App compatible** filter, and you will see only those widgets that are compatible with the mobile application.

Light Switch

CONTROLLER

Settings

General		Objects	
Mandatory fields	Optional fields	Mandatory fields (per channel)	Optional fields (per channel)
Title	**Light 1 – 6 Title** **Light 1 – 6 voice control enabled** (checkbox)	**Switch object** **Status feedback object**	**Device status**

NOTE: Multi-widgets can have different names for each of their loads. In the app, each channel will display as a separate widget with the name assigned.

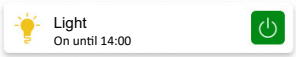
It is recommended that multi-widgets be configured for only **one device/load**. For example, if you have five lights, configure five multi-widgets – one multi-widget for each light.

Touch widget

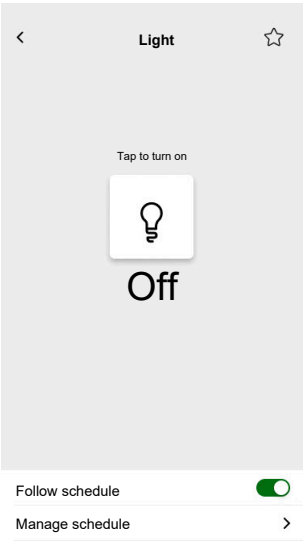
Light switch

MOBILE APPLICATION

App widget



Control screen



Dimmer

CONTROLLER

Settings

General		Objects	
Mandatory fields	Optional fields	Mandatory fields (per channel)	Optional fields
Title	**Slider status wait time (s)** **Voice control** (checkbox)	**Value object** **Status feedback value object** **Switch object** **Status feedback switch object**	**Device status**

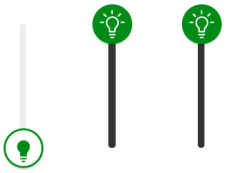
NOTE: Multi-widgets can have different names for each of their loads. In the app, each channel will display as a separate widget with the name assigned.

It is recommended that multi-widgets be configured for only **one device/load**. For example, if you have five lights, configure five multi-widgets – one multi-widget for each light.

Touch widgets

Rotary dimmer

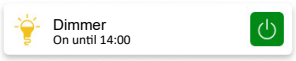
Horizontal dimmer



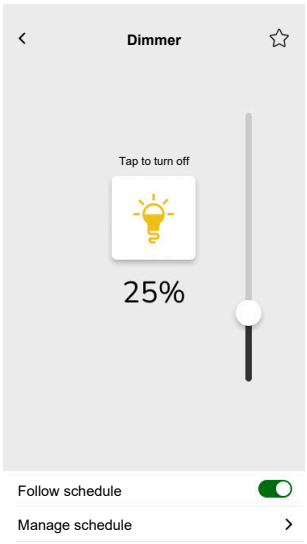
Vertical dimmer

MOBILE APPLICATION

App widget



Control screen



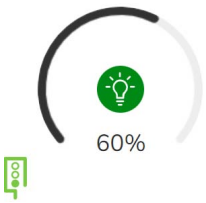
DALI Dimmer

CONTROLLER

Settings

General		Objects	
Mandatory fields	Optional fields	Mandatory fields	Optional fields
Title	**Slider status wait time (s)** **Dimmer title** **Fail alert title** **Voice control** (checkbox)	**Group value object** **Group status feedback value object** **Group switch object** **Group switch object feedback**	**Group failure status, alert**

Touch widgets

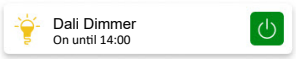


DALI group rotary

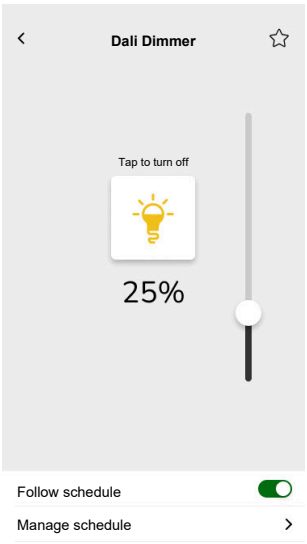
DALI group

MOBILE APPLICATION

App widget



Control screen



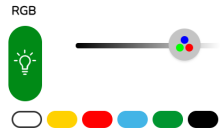
RGB

CONTROLLER

Settings

General		Objects
Mandatory fields	Optional fields	Mandatory fields (per channel)
Title	**Slider status wait time (s)** **Voice control** (checkbox)	**RGB object** **RGB status object** **Switch object** **Status feedback switch object**

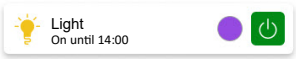
Touch widget



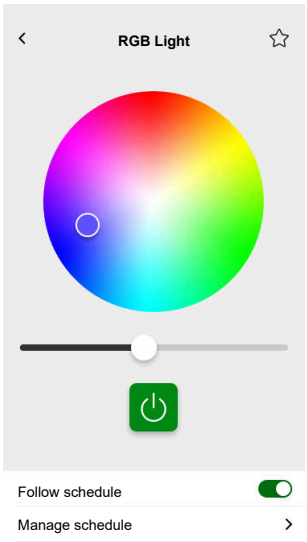
RGB dimmer

MOBILE APPLICATION

App widget



Control screen



RGBW

CONTROLLER

Settings

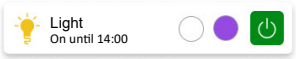
General		Objects
Mandatory fields	Optional fields	Mandatory fields (per channel)
Title	**Slider status wait time (s)** **Voice control** (checkbox)	**Red value object** **Red status feedback value object** **Green value object** **Green status feedback value object** **Blue value object** **Blue status feedback value object** **White value object** **White status feedback value object** **Switch object** **Status feedback switch object** **Switch white object** **Status feedback white switch object**

Touch widget

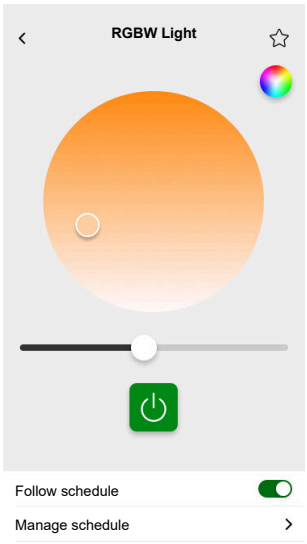
RGBW dimmer

MOBILE APPLICATION

App widget



Control screen



RGBW is controlled by two channels: RGB and W. Tap the circle in the top right corner of the control screen to switch between the RGB and W channels.

Vertical Blinds

CONTROLLER

Settings

General		Objects	
Mandatory fields	Optional fields	Mandatory fields (per channel)	Optional fields
Title	**Slider status wait time (s)**	**Height position** **Status feedback for height**	**Movement object** **Stop object** **Device status**

Touch widgets

Rotary shutter

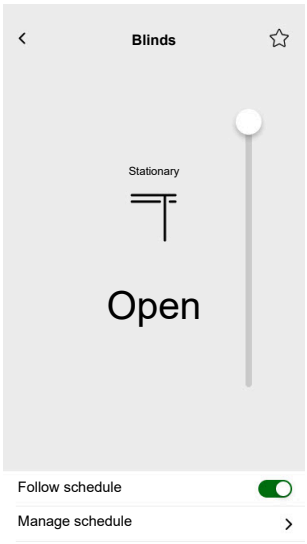
Vertical shutter

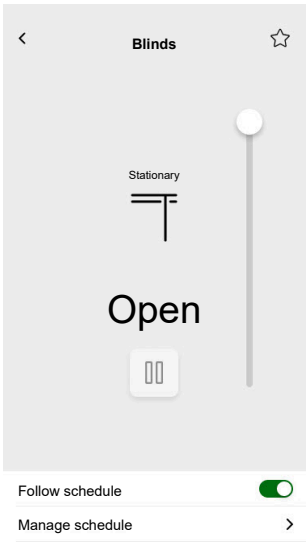
MOBILE APPLICATION

App widget

Use the above optional objects for additional Up/Down buttons to control the blinds. You can also stop the movement by pressing and holding any of these buttons.

Control screens





With optional objects

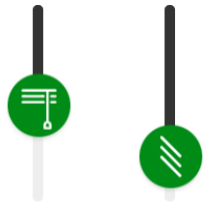
Vertical Venetian Blinds with Slats

CONTROLLER

Settings

General		Objects	
Mandatory fields	Optional fields	Mandatory fields (per channel)	Optional fields
Title	**Slider status wait time (s)**	**Height position** **Status feedback for height**	**Movement object** **Stop object** **Device status object** **Slats position** **Status feedback for slats**

Touch widget



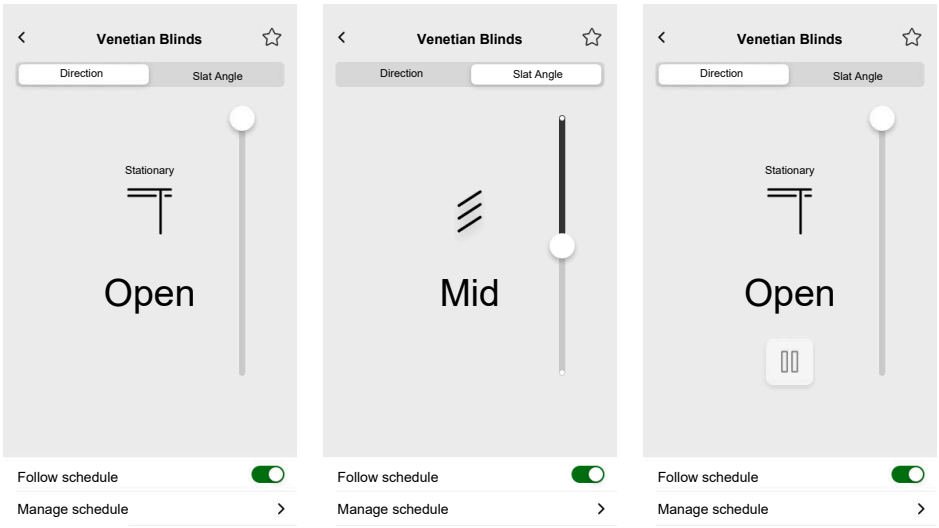
Vertical shutter

MOBILE APPLICATION

App widgets

Use the above optional objects for additional Up/Down buttons to control the shutters. You can also stop the movement by pressing and holding any of these buttons.

Control screens



With optional objects

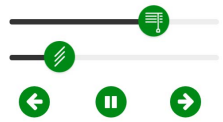
Horizontal Shutters with Slats

CONTROLLER

Settings

General		Objects	
Mandatory fields	Optional fields	Mandatory fields (per channel)	Optional fields
Title	**Slider status wait time (s)**	**Height position** **Status feedback for height**	**Movement object** **Stop object** **Device status object** **Slats position** **Status feedback for slats**

Touch widget



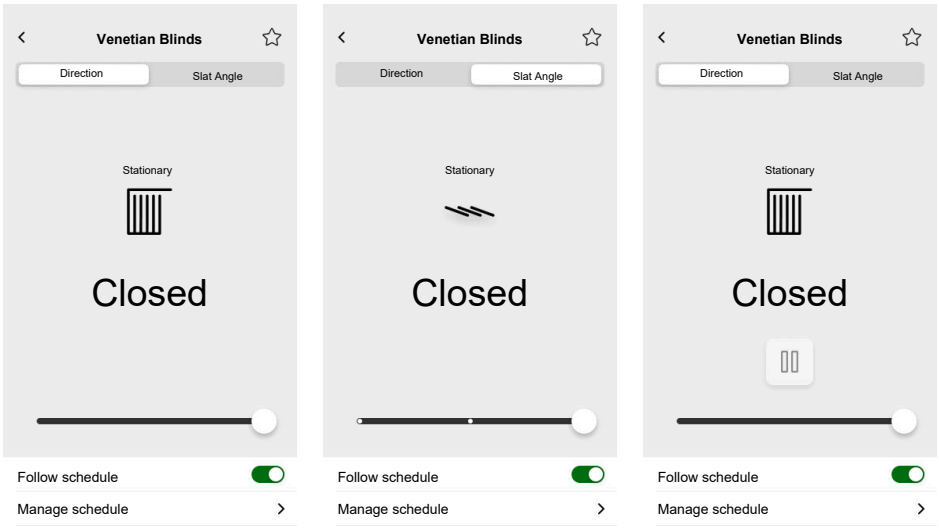
Horizontal shutter

MOBILE APPLICATION

App widget

Use the above optional objects for additional left/right buttons to control the shutters. You can also stop the movement by pressing and holding any of these buttons.

Control screens



With optional objects

General Switch

CONTROLLER

Settings

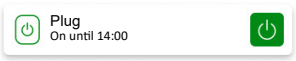
General		Objects	
Mandatory fields	Optional fields	Mandatory fields	Optional fields
Title	**Voice control** (checkbox) **Send fixed value** (checkbox) **Fixed value**	**Switch object** **Status feedback object**	**Device status object**

Touch widget

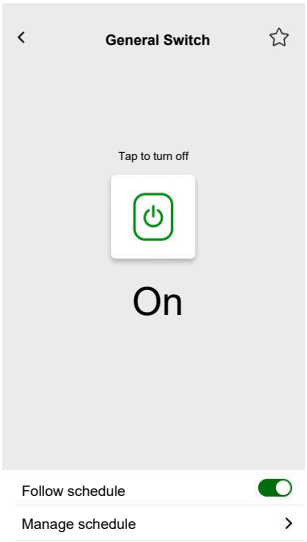
General switch

MOBILE APPLICATION

App widget



Control screen



AC Switch

CONTROLLER

Settings

General	Objects	
Mandatory fields	Mandatory fields	Optional fields
Title	**Switch object** **Status feedback object**	**Device status**

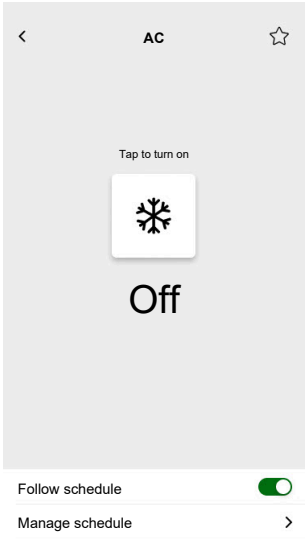
Touch widget

AC switch

MOBILE APPLICATION

App widget

Control screen



Fan Switch

CONTROLLER

Settings

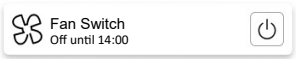
General	Objects	
Mandatory fields	Mandatory fields	Optional fields
Title	**Switch object** **Status feedback object**	**Device status**

Touch widget

Fan switch

MOBILE APPLICATION

App widget



Control screen

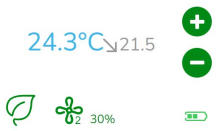
Thermostat with Operation Modes and Fan

CONTROLLER

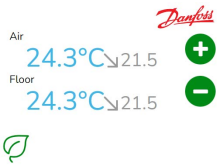
Settings

General		Objects	
Mandatory fields	Optional fields	Mandatory fields	Optional fields
Title **Setpoint minimum value** **Setpoint maximum value**	**Hide from mobile app and all other remote services** (checkbox) **Fan step 1 – 6** **Voice control** (checkbox) **Thermostat title** **Dewpoint alarm title** **Setpoint step** **Auto mode override on value (0-255)** **Auto mode override off value (0-255)** **Use custom operation modes** (checkbox) • **Mode name** • **Output value** • **Status value**	**Current temperature** **Current setpoint temperature input** **Current setpoint temperature output**	Operation modes **Operation mode input** **Thermostat status, alert** **Thermostat HVAC status** **Heating/Cooling status** **Dewpoint alarm** **Is Active** **Battery level** **Battery alert** **Device status object** **Frost alarm** **Custom Auto mode input** **Custom Auto mode output** Fan **Fan speed** **Fan speed status** **Fan manual mode**

Touch widget



Thermostat

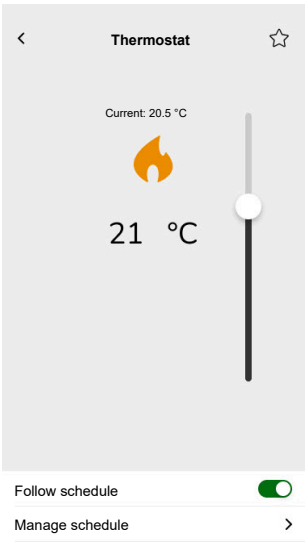


Thermostat Danfoss

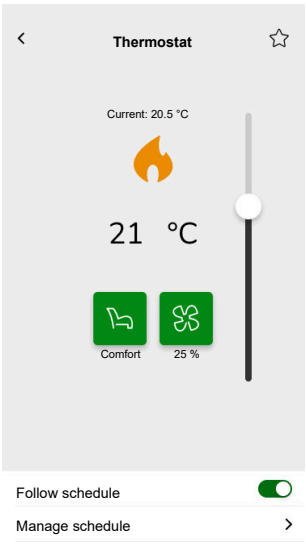
MOBILE APPLICATION

App widget

Control screens



Mandatory fields only



Mode and fan control configured

To change the thermostat mode, tap the mode icon on the thermostat control screen > select the mode > tap **Set**.

Thermostat for Valve Drive Controller (VDC)

CONTROLLER

Settings

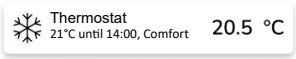
General		Objects	
Mandatory fields	Optional fields	Mandatory fields	Optional fields
Title	**Hide from mobile app and all other remote services** (checkbox) **Thermostat title** **Dewpoint alarm title** **Voice control** (checkbox) **Step for shifting** **Setpoint/shifting minimum value** **Setpoint/shifting maximum value** **Auto mode override on value (0-255)** **Auto mode override off value (0-255)** **Use custom modes** (checkbox) • **Mode name** • **Output value** • **Status value**	Common for Absolute or Relative **Current temperature** **Current setpoint output** **Current setpoint input (Absolute mode)/basic setpoint (Relative mode)** Specific for Relative **Preset setpoint shifting** **Current setpoint shifting**	Operation modes **Operation mode input** **Thermostat status, alert** **Thermostat HVAC status** **Is active** **Dewpoint alarm** **Frost alarm** **Custom Auto mode input** **Custom Auto mode output** Heating/Cooling changeover **Heating/Cooling changeover** **Thermostat status, alert**

Touch widget

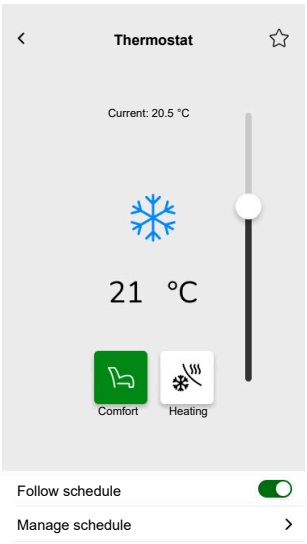
Thermostat VDC

MOBILE APPLICATION

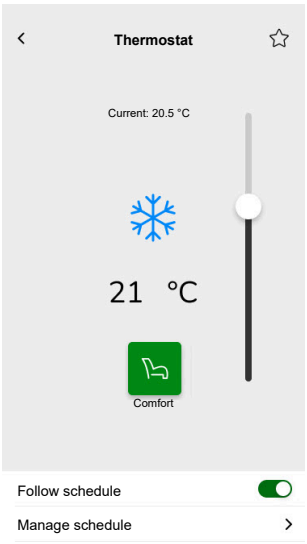
App widget



Control screens



With objects for Absolute value and Operation modes



With objects for Relative value and Operation modes

To change the thermostat mode, tap the mode icon on the thermostat control screen > select the mode > tap **Set**.

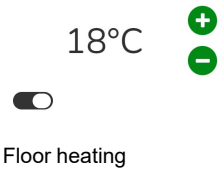
Electric Underfloor Heating

CONTROLLER

Settings

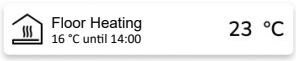
General		Objects	
Mandatory fields	Optional fields	Mandatory fields	Optional fields
Title **Floor heating title**	**Minimum value** **Maximum value** **Temperature alert threshold** **Temperature alarm title** **Setpoint step** **Voice control** (checkbox)	**On/Off object** **On/Off status object** **Temperature object** **Temperature status object**	**Temperature alert object**

Touch widget

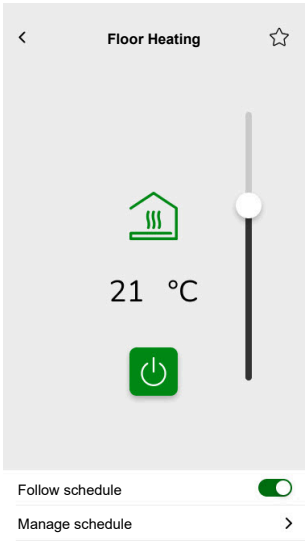


MOBILE APPLICATION

App widget



Control screen



Socket

CONTROLLER

Settings

General		Objects	
Mandatory fields	Optional fields	Mandatory fields (per channel)	Optional fields
Title	**Socket 1 – 6 Title** **Socket 1 – 6 voice control enabled** checkbox	**Switch object** **Status feedback object**	**Active power** **Device status**

NOTE: Multi-widgets can have different names for each of their loads. In the app, each channel will display as a separate widget with the name assigned.

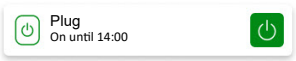
It is recommended to configure multi-widgets for only one device/load.
For example, if you have five lights, configure five multi-widgets – one multi-widget for each light.

Touch widget

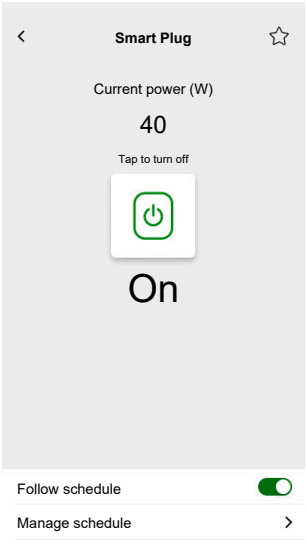
Socket switch

MOBILE APPLICATION

App widget



Control screen



EVlink Pro AC

CONTROLLER

Settings

General		Objects	
Mandatory fields	Optional fields	Mandatory fields	Optional fields
Title **Equipment type** **Charger type**	**Rooms** **Power limit (A)** **Reverse direction**	**Status** **Consumed on last charge** **Remote command** **Energy** **Power**	**EV state** **Charging set point** **Charging start** **Charging stop** **Transaction time** **Device status**

Important charging instructions

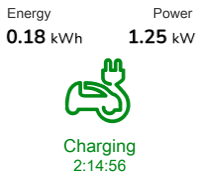
1. **Starting charging:** When charging begins, you have two options:
   - **Pause**: You can pause the charging process.
   - **Stop**: Alternatively, you can stop it.
2. **Paused charging:** If you choose to pause charging:
   - You can later **resume** it.
   - During the pause, you **cannot disconnect** the car from the charger (the cable plug remains locked in the charger socket).
3. **Stopped charging:** If you decide to stop charging:
   - You must **unplug and then re-plug** the car before initiating charging again.

NOTE: After charging is complete, it may take up to 15 minutes to synchronize information and reset the app charge counter. If you start charging again, the counter will likely use values from the previous session as a starting point. The counter will display accurate values once the charging level exceeds the prior session's.

Status of the charger	Meaning
EVlink Pro AC / Available	EV is unplugged.
EVlink Pro AC / Loading	EV is plugged in, but charging has not started.
EVlink Pro AC / Charging	EV is charging.
EVlink Pro AC / Paused by EV	Paused by the EV.
EVlink Pro AC / Paused by user	Paused by the user or the EV charger.
EVlink Pro AC / Finishing	Charging has been stopped, and the EV is still plugged.
EVlink Pro AC / Error	An error has been detected.

Widget

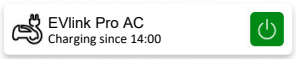
This widget is set up through the **Energy** plugin, not the Touch configuration. See Electric Vehicles, page 101.



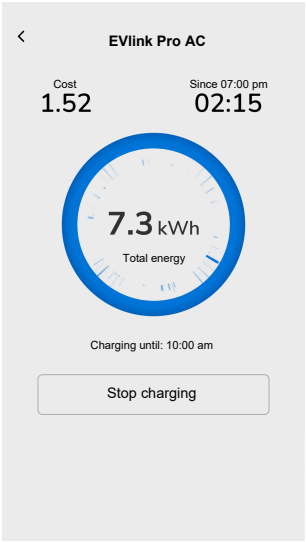
EVlink Pro AC

MOBILE APPLICATION

App widget



Control screen



General Alarm

CONTROLLER

Settings

General	Objects	
Mandatory fields	Mandatory fields	Optional fields
Title **Alert text**	**Alarm object, alert**	**Device status object** **Battery object** **Battery alert**

Touch widget

General alarm

MOBILE APPLICATION

App widget

Fire/Smoke Alarm

CONTROLLER

Settings

General		Objects	
Mandatory fields	Optional fields	Mandatory fields	Optional fields
Title	**Alert text**	**Alarm object, alert**	**Device status object** **Battery object** **Battery alert**

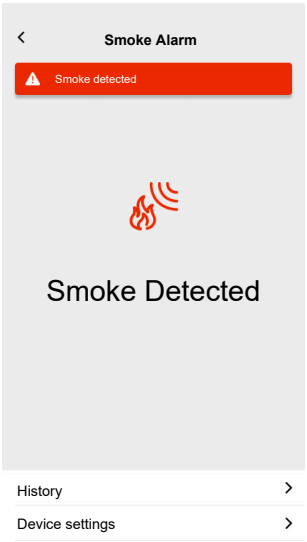
Touch widget

Fire alarm

MOBILE APPLICATION

App widget

Control screen



Gas Alarm

CONTROLLER

Settings

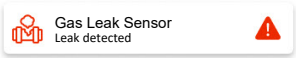
General		Objects	
Mandatory fields	Optional fields	Mandatory fields	Optional fields
Title	**Alert text**	**Alarm object, alert**	**Device status object** **Battery object** **Battery alert**

Touch widget

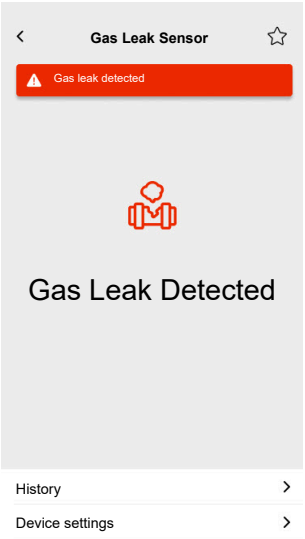
Gas leak alarm

MOBILE APPLICATION

App widget



Control screen



Water Leak Alarm

CONTROLLER

Settings

General		Objects	
Mandatory fields	Optional fields	Mandatory fields	Optional fields
Title	**Alert text**	**Alarm object, alert**	**Device status object** **Battery object** **Battery alert**

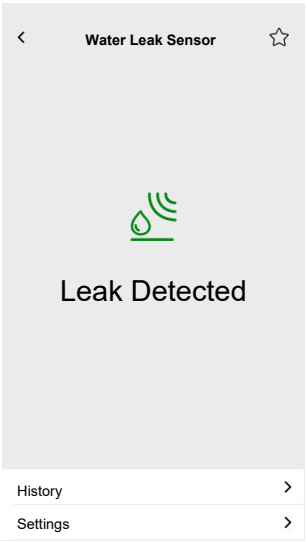
Touch widget

Water leak alarm

MOBILE APPLICATION

App widget

Control screen



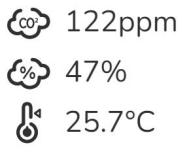
Multi Sensor

CONTROLLER

Settings

General	Objects	
Mandatory fields	Mandatory fields	Optional fields
Title	At least one is needed: **CO_2 value** **Humidity value** **Temperature value**	**CO_2 threshold 1** **CO_2 threshold 2** **CO_2 threshold 3, alert** **Humidity threshold 1** **Humidity threshold 2** **Humidity threshold 3, alert** **Temperature threshold, alert** **Battery object** **Low battery alert** **Device status object**

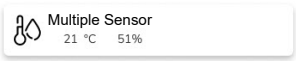
Touch widget



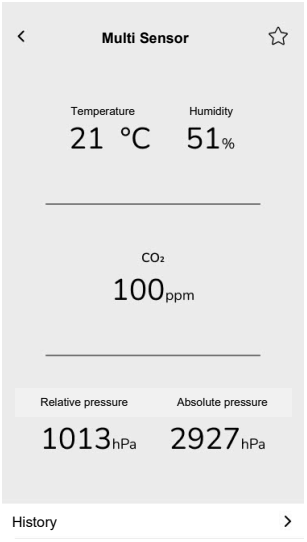
Multi sensor

MOBILE APPLICATION

App widget



Control screen



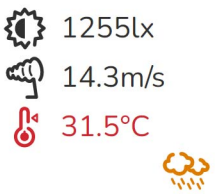
Weather Station

CONTROLLER

Settings

General		Objects	
Mandatory fields	Optional fields	Mandatory fields	Optional fields
Title	**Weather station title** **Wind alarm title** **Temperature alarm title**	At least one is needed: **Brightness value** **Wind speed** **Temperature value**	**Wind threshold, alert** **Temperature threshold, alert** **Rain sensor**

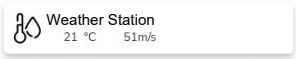
Touch widget



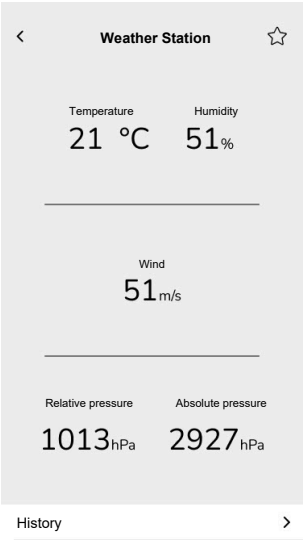
Weather station

MOBILE APPLICATION

App widget



Control screen



Door Sensor

CONTROLLER

Settings

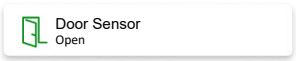
General	Objects	
Mandatory fields	Mandatory fields	Optional fields
Title **Sensor type**	**Detection**	**Battery level** **Low battery level** **Device status object**

Touch widget

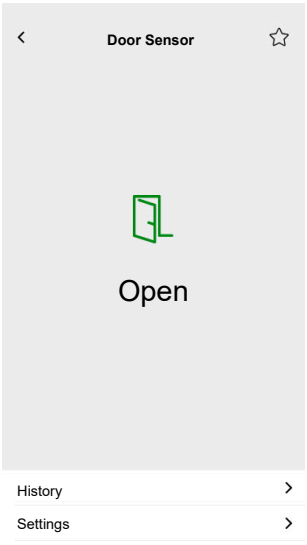
Door sensor

MOBILE APPLICATION

App widget



Control screen



Window Sensor

CONTROLLER

Settings

General	Objects	
Mandatory fields	Mandatory fields	Optional fields
Title **Sensor type**	**Detection**	**Battery level** **Low battery level** **Device status object**

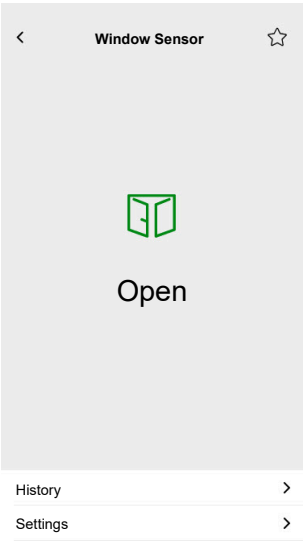
Touch widget

Window sensor

MOBILE APPLICATION

App widget

Control screen



Motion Sensor

CONTROLLER

Settings

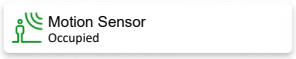
General	Objects	
Mandatory fields	Mandatory fields	Optional fields
Title	**Detection**	**Illuminance (lux)** **Battery level** **Low battery detected** **Alarm notification** **Device status object**

Touch widget

Motion sensor

MOBILE APPLICATION

App widget



Control screen

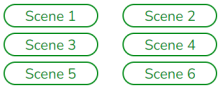
Scenes

CONTROLLER

Settings

General		Objects
Mandatory fields	Optional fields	Mandatory fields (per channel)
Title **Scene 1 value (0 – 63)**	**Scene Nr. name** **Scene 2 – 6 value (0 – 63)** **Voice control** (checkbox)	**Scene object**

Touch widget



Scenes

Content Widget

CONTROLLER

Settings

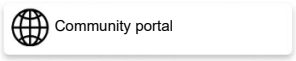
General		Objects
Mandatory fields	Optional fields	There are no objects in this widget, just the URL.
Title **Url 1**	**Size of widget** **Reload period**	

Touch widget

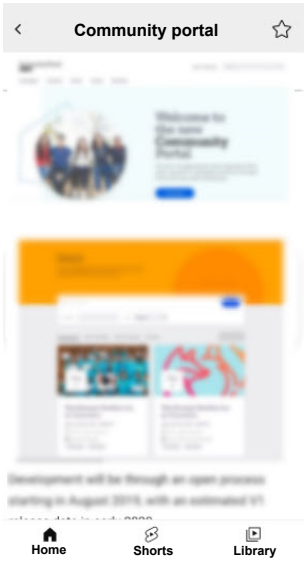
Content

MOBILE APPLICATION

App widget



Control screen



IMPORTANT: The content of the widget is defined by the system integrator or user based on the URLs inserted into it. The system integrator or user assumes full responsibility for all content displayed in the Content widget, including copyright and other intellectual property rights compliance.

Doorlock

CONTROLLER

Settings

General		Objects	
Mandatory fields	Optional fields	Mandatory fields	Optional fields
–	**Title**	**Door control**	**Lock state** **Door state** **Battery**

NOTE: The following smart locks have been tested: YDM7116A, YMI70A, YDM3109A, and Kyra Pro (Yale).

Touch widget

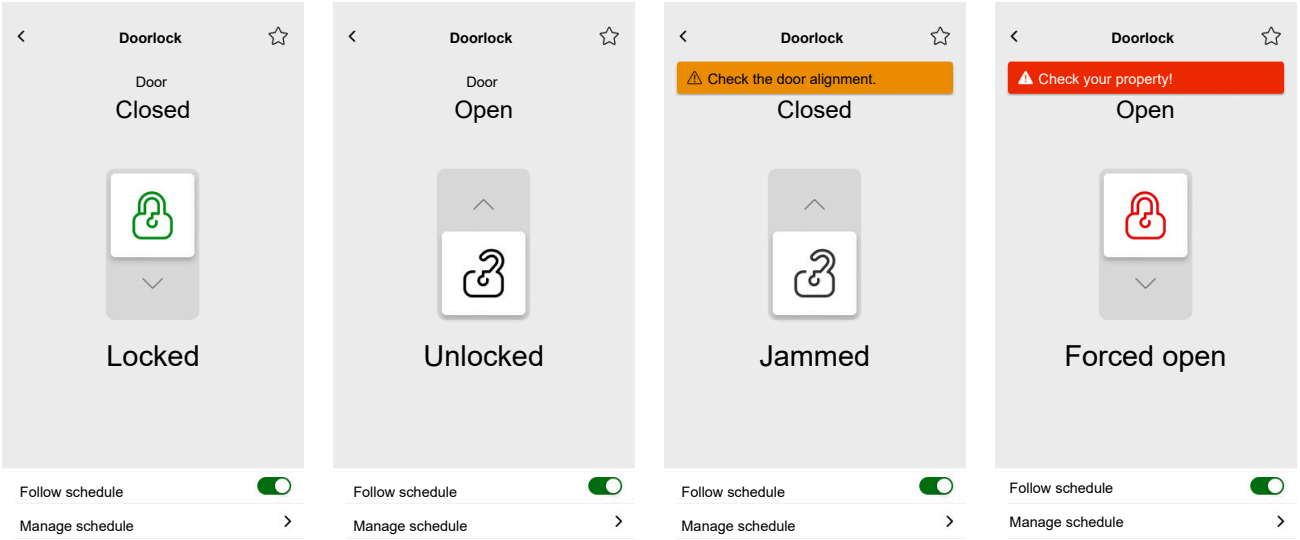
Doorlock

Locked | Unlocked | Jammed | Forced open

MOBILE APPLICATION

App widget

Control screens



NOTE: The **AJAR** status indicates that the door is slightly open but not fully closed. This status alerts users that the door isn't securely shut and may require attention.

Installing the Mobile Application

Check the following before installing the application:

	iOS	Android
The minimum OS version	13.4	10.0
Web browser	Safari *	Google Chrome *
Search term	Wiser KNX	Wiser KNX
URL	https://apps.apple.com/de/app/wiser-knx/id1596463690?l=en-GB	https://play.google.com/store/apps/details?id=com.schneiderelectric.WiserKNX

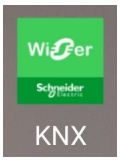
* The application’s proper functionality is not guaranteed on other web browsers.

NOTE: Do not confuse the app with the previous Wiser for KNX app that has been discontinued.

Wiser for KNX app icon

Launching the Application

You have installed the mobile application. The application icon looks like this on your phone:



Tap the app icon to launch the application on your mobile device.

Tap **Get started** and log in (Logging in, page 64).

If you do not have an account yet, tap **Register** (Create Your User Account, page 63).

Application Language

The application language is set automatically according to the language of your mobile device.

The currently supported languages correspond to the official languages of the countries where the app is available.

If your local language is supported, the app displays in your language. Otherwise, the app uses the default language (English).

Create Your User Account

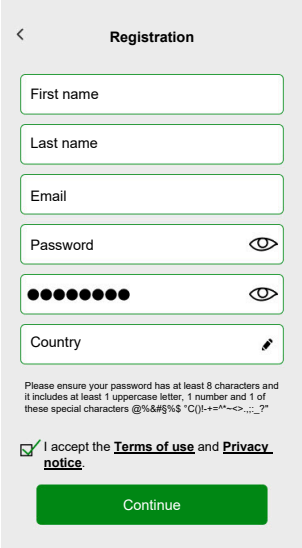
You do not need to register again if you have an existing account for the previous mobile app.

You can sign in using this account (it is already linked to the legacy mobile app).

Register if you do not have an account yet:

1. On the welcome screen, tap **Get started.**
2. On the login screen, tap **Register** to create your account.
3. Fill in the **Registration** form.
4. Accept the **Terms and Conditions** and read the **Privacy notice**.

5. Tap **Continue**.



6. An e-mail with a verification link will be sent to your e-mail address. Click the link and verify your account.
   (The link expires in 24 hours.)
7. Return to the application and log in (Logging in, page 64).
8. After your first login, tap **Accept** to grant the access privileges.

Reset or Change Your Password

If you forget your password, you can reset it.

1. While logging in (Logging in, page 64) to your account, tap **Forgot password?**.
2. Enter your email address and tap **Submit**.

You will get an email with a link to reset your password.
The link expires in 24 hours.

If you want to change your password:

1. Tap > **Account** > **Change password**.
2. Enter your old password > enter your new password > repeat your new password.
3. Tap **Change password**.

Logging in

Launch the application on your mobile device. The welcome screen appears.

1. Tap **Get started**.
2. On the login screen, enter your e-mail address and password.
3. Tap **Login** to access your account.

If you do not yet have a user account from the previous mobile application, the welcome screen will appear after logging in, prompting you to pair your controller (Pair Your Controller, page 65).

Pair Your Controller

After registering (Create Your User Account, page 63) and logging in (Logging in, page 64) for the first time, the welcome screen will appear, prompting you to pair your controller.

NOTE: If you have an existing account and your controller is already paired to it, you can skip this section.

The mobile app wizard will guide you through the process of pairing the controller:

1. Tap  .
2. Ensure your controller is powered and wired properly and your phone is connected to the same network.
3. Tap **Next**.
4. Go to your controller > install the latest firmware available on https://www.se.com (Firmware Update, page 17).

   NOTE: This firmware includes the required applications from the Marketplace (Cloud connector, KNX IoT 3rd party API, and Touch visualization).

5. Enable the Cloud connector and KNX IoT 3rd party API applications.

   NOTE: It is recommended to have the automatic updates for these apps enabled.

6. Make sure you have:
   - Existing widget-based Touch visualization created in your controller, with all the devices organized in Rooms (Touch 3 Visualization, page 22).
   - All the devices' group objects configured correctly in their widgets.

7. Reboot your controller and tap **Next** in the mobile application.
8. In the mobile application, tap **Search for the controller** and proceed as follows:
   - Tap the one controller you want to pair from the list of available controllers. The pairing will start automatically.
   - Tap **Enter manually** > enter your controller's IP or MAC address > tap **Pair**.

     NOTE: Instead of searching for your controller, you can pair the controller by scanning its QR code.
     If scanning the QR code fails, you can enter the MAC address manually.

9. Name your controller after pairing and tap **Next**.
10. Enter your address or search for it on the map. Tap **Next**.
11. Check or correct your data > tap **Submit**.
12. Enable the weather station info on your Home screen.

    NOTE: The application pairs the address with your controller.
    Your address will be used to determine the local weather.

Your controller is paired and set up. It appears at the top of the application's Home screen.

If you want to pair another controller later, go to the Home screen, tap  > **Home Management** > **Pair new controller**, and follow the wizard.

Settings

Tap ⚙ at the top right of your Home screen (Home Screen, page 80) to access the **Settings** screen.

The **Settings** section allows you to manage/view:

Account	**User profile** (edit and update your details – name, surname, country) **Login history** (Login History, page 66) **Change password** (Reset or Change Your Password, page 64) **Multifactor authentication** (Multifactor Authentication, page 67) **Consents** (Consents, page 68) **Delete user data** (Delete User Data, page 69) **Delete my account** (Delete My Account, page 69) **Logout** (Logging out, page 70)
Tariff (Tariff, page 70)	**Electricity** **Feed-in Tariff**
Floors & rooms (Floors & Rooms, page 73)	
Devices (Devices, page 73)	
Notifications (Notifications, page 76)	**Enable notification** **Alarms** **Devices**
Home Management (Home Management, page 77)	
Home Screen (Home Screen, page 80)	**Show Moments** **Weather panel**
Support	
About	

Account

User Profile

In the **User profile** section, you set your details, such as your name, surname, and country.

1. Tap ⚙ > **Account** > **User profile**.
2. Type your name and surname.
3. Select the country and tap **OK**.
4. Tap **Submit**.

Login History

In the **Login history**, you can see the login history for the mobile application.

Each history entry contains the following login information:

- Login email address
- Date
- Time of the login

Change Password

See Reset or Change Your Password, page 64.

Multifactor Authentication

Multifactor authentication (MFA) is a security measure requiring users to provide two verification factors to access a mobile application. It enhances security by combining a username and password with a one-time code generated by one of the following authentication tools:

- **Google Authenticator**
- **FreeOTP**

If you enable multifactor authentication, you will be prompted to authenticate using a one-time code after entering your user email and password when logging into the mobile application.

To use multifactor authentication in the application, follow these steps:

1. Download the authentication tool.

   NOTE: It is recommended that you use **Google Authenticator** because it is more user-friendly than **FreeOTP** and also works on iOS.
2. Enable **Multifactor authentication**:
   - In the mobile application, go to **Settings** > **Account** > **Multifactor authentication** and enable multifactor authentication.
3. First multifactor authentication in the mobile application:
   - Open the mobile application on your device, enter your user email and password on the login screen, and tap **Login**.
   - A screen with a QR code will appear, prompting you to proceed with the next authentication step.
   - Launch the authentication tool on your mobile device.
     - **Google Authenticator**: Tap **Add a code**, then tap **Scan a QR code** and scan the QR code from the mobile application.
     - **FreeOTP**: First, you must set a password to log into **FreeOTP**. After logging in, tap the **+** button at the bottom right of the screen, then tap the QR code icon. Scan the QR code from the mobile application.
   - The authentication tool will generate a one-time code, which you should copy and paste into the **One-time code** field in the mobile application.
   - Enter the name of your device in the **Device name** field in the mobile application.

You are logged into the mobile application and your device has been added to the authentication tool.

For future logins, the mobile application will only require the one-time code.

Disabling Multifactor Authentication

In certain situations, users of the mobile application may need to temporarily disable multifactor authentication (MFA). These situations include:

1. **Device change**: When transitioning to a new device and the original device is no longer accessible, it may be necessary to disable MFA temporarily to set up the new device.

2. **Application issues**: If the authentication application is experiencing technical difficulties (e.g., the app is not functioning correctly or login attempts are failing), MFA may need to be disabled until the issue is resolved.
3. **Travel**: Traveling to areas with limited access to mobile networks or the internet can make using MFA challenging, necessitating a temporary disablement of this feature.
4. **Security concerns**: If there is a suspicion that the account has been compromised, MFA may need to be disabled to perform a security check and restore account access.
5. **Phone number change**: When changing phone numbers, it may be necessary to disable MFA to update the user's information and reconfigure authentication.

You can disable multifactor authentication in **Settings** > **Account** > **Multifactor authentication**.

If you are unable to temporarily disable MFA for any reason, please contact the Schneider Electric Customer Care Center for assistance.

Consents

Types of Consents

In the mobile application, there are two types of consent:

1. **Notifications consent**: Each user can set this consent individually.
2. **Weather consent**: Specific to each controller. The controller user can grant this consent to share the controller's location with the cloud weather service. Configuration is done for the active controller (the one selected on the Home screen).

First Start

When you log into the mobile application for the first time, you will need to handle your consent. Notification and weather consents work similarly. Upon being prompted, you can respond as follows:

Accept	The consent status changes to **Granted**.	**Notifications**: You will receive push notifications via the OneSignal service. **Weather**: The weather forecast information based on your location will be displayed on the Home screen.
Decline	The consent status changes to **Declined**.	**Notifications**: You will not receive any push notifications. **Weather**: The weather forecast data based on your location will not be available.
Close	The consent status remains **Declined**.	The consent will be in a pending state and displayed again at the next startup.

NOTE: You can only manage consents for the active controller in the mobile application if you have multiple controllers. Changes to consents or prompts for approval upon logging into the mobile application apply only to the active controller.

Consent Settings

If you decide to change the consent settings, follow these steps:

1. Go to **Settings** > **Account** > **Consents**.
2. Select the service you want to set the consent for and make the desired changes.

Delete User Data

You can delete data related to your house's and energy equipment's energy consumption. The option to **Delete user data** is visible only when you are the owner of the controller and have the **Energy** plugin installed.

To delete your energy data, follow these steps:

1. Tap > **Account** > **Delete user data**.
2. Before proceeding with data deletion, consider the following:
   - You are about to delete your house's energy consumption and energy equipment data.
   - This operation is irreversible. Once the data is deleted, it cannot be recovered.
   - By tapping **Delete my data**, you confirm your understanding of the consequences and agree to initiate data deletion.
3. If you still want to proceed, tap **Delete my data** > type your password to confirm account deletion > tap **Confirm**.

   NOTE: If the password is incorrect, you will need to re-enter the password or cancel the process.

Delete My Account

To delete your account, follow these steps:

1. Tap > **Account** > **Delete my account**.
2. Read carefully what deleting an account means:
   - You will no longer have access to your app, and you will not be able to use the voice control feature.
   - You can still use your controller and access it through any web browser while you are at home (on a local network).
   - All the schedules, scenes, and logic you created will continue to work as they are stored locally in your controller.
   - The devices in your installation will keep working as usual.
   - Once you delete your account, you will be automatically logged out of the app and unable to log back in.
   - If you change your mind and want to recreate your account, you must register again in the app.
   - You will not be able to regain access to your old data (data will be deleted forever).
3. If you still want to proceed, tap **Delete my account** > type your password to confirm account deletion > tap **Confirm**.

   NOTE: If the password is incorrect, you will need to re-enter the password or cancel the process.
4. Check your mailbox and click the confirmation button there to finish the process.

NOTE: Deleting an account cannot be undone.

Logging out

If you want to log out of the mobile application, tap at the top right of the Home screen (Home Screen, page 80) > **Account** > **Logout** > **Confirm**.

Tariff

The **Tariff** section becomes visible once you have configured the **Energy** plugin in your controller (as explained here: Wiser KNX Home Energy Management System (HEMS), page 94).

In the **Tariff** section, you set the terms and price for the electricity you consume according to the contract with your supplier.

If your installation includes solar panels, you can also track savings from selling electricity to the grid (Feed-in Tariff, page 72).

This data is further utilized by Schneider Cloud Service to generate an overview of electricity consumption and pricing over time (history).

To access the **Tariff** section, tap > **Tariff**.

When you open the **Tariff** section for the first time, a step-by-step tutorial will guide you through its functions and settings.

You can also revisit the tutorial later by clicking at the top right of the screen.

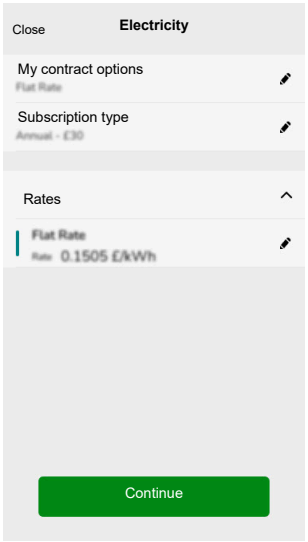
Electricity

In the **Electricity** section, you set the energy consumption parameters according to your contract with the electricity supplier.

My Contract Options, page 71

Subscription Type, page 71

Rates, page 71



My Contract Options

To track your energy consumption costs, start by choosing the type of contract you have with your supplier.

On the **Electricity** screen, under **My contract options**, tap one of the three types of contract at the bottom:

- **Time of use (peak/off-peak hours)**
- **Flat rate**
- **No contract** (set by default)

If you choose **Flat rate** or **Time of use (peak/off-peak hours)**, you have to specify the type of subscription and rates (see Subscription Type, page 71 and Rates, page 71).

Subscription Type

The subscription type represents the interval and payments in the selected currency according to your energy supplier contract.

The **Subscription Type** option is available on the **Electricity** screen after you select the rate (see My Contract Options, page 71).

Example:

Your contract states a monthly advance payment of a certain amount in EUR.

1. In the **Tariff** > **Electricity** > **Subscription Type**, check the **Monthly** interval and type the amount of money from your contract in the **Subscription price** field.
2. Tap **Save**.

   NOTE: The currency will be set automatically according to the country you set in your account. See User Profile, page 66.

Rates

To track electricity costs over time, set a rate value per unit of electricity (kWh).

Based on the entered data, the application creates graphs of the cost of electricity over time (see Insights, page 93).

Flat Rate

After you choose **Flat rate** as the contract option (My Contract Options, page 71), go to the **Rates** section of the screen and set the amount charged per kWh as follows:

1. In the **Tariff** > **Electricity** > **Rates** > tap ✎ at the **Flat Rate**.
2. Enter the amount per kWh.
3. Tap **Add**.

The rate you set will appear in the **Rates** section on the **Electricity** screen. You can edit it from there: Tap ✎ > edit your rate > tap **Update**.

Time of Use (Peak/Off-Peak Hours)

If you choose **Time of use** as the contract option, define the subscription type as follows:

1. In the **Rates** section, tap ✎ at the **Peak Rate**.
2. Enter the amount per kWh.
3. Tap **Add**.

4. After defining all the rates, set up the schedules to specify which days of the week and times those tariffs apply:
   - Go to the **Schedules** section.
   - Tap **Add a schedule**.
   - In the **Edit schedule** screen, fill in the name of your schedule, select the rate to which it applies, and set the start/finish time and the days of the week.
   - Tap **Save**.

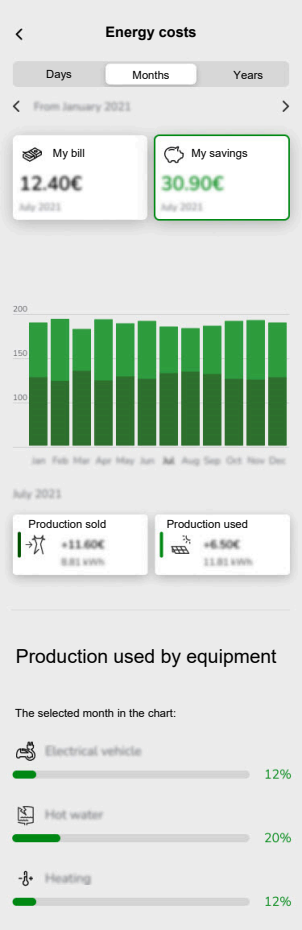
Feed-in Tariff

If you use or sell energy from solar panels, with the **Feed-in tariff** function, you can track how much money you save by feeding energy into the grid and using your electricity produced from solar panels.

Set the **Feed-in tariff** as follows:

1. First, set the **Energy taken by grid from house** parameter in the energy plugin of your controller:
   In the web browser, log in to your controller > energy plugin > **Objects** tab of the grid settings (Grid, page 96).
2. In the mobile application, set the electricity sales rate:
   Click ⚙ > **Tariff** > **Feed-in Tariff** > enter the **Feed-in Rate** > click **Save**.

Once you have finished setting up the **Feed-in Tariff**, you will see **My savings** in the **Energy costs** section (> **Insights** > **My annual bill**).



My savings is the sum of the following items:

- **Production sold** = your earnings for selling energy.

- **Production used** = energy costs if you buy energy instead of your production (calculated according to your tariff).

If you click **My savings**, you can see the **Savings and earning history** chart with **Production sold** and **Production used** details for the selected period.

At the bottom of the screen, you see **Production used by equipment**. There is each energy equipment that uses the energy from your production sorted from the highest consumption to the lowest. The number shows the percentage of the total production consumed by the equipment during the selected period.

You can select a column from the chart to see
My savings,
Production sold,
Production used, and
Production used by equipment
for the exact period (day/month/year).

Click **Production sold** and **Production used** to filter the earning history chart.

Floors & Rooms

In the **Floors & rooms** section, you can view all the rooms in your home either as a simple list or by enabling the **Show floors level** feature. This will display the rooms grouped by the floors you have assigned them to in the **Touch** visualization. You can rename the rooms and floors as you like and change the order in which they appear.

1. Accessing floors and rooms:
   - Tap ⚙ at the top right of the home screen > navigate to the **Floors & rooms** section in your application.
2. Viewing rooms:
   - By default, all rooms are displayed as a simple list.
   - To view rooms grouped by floors, enable the **Show floors level** feature.
3. Customizing names:
   - You can rename any room or floor to suit your preferences better.
   - Click on the name of the room or floor you wish to change > tap ✎.
   - Enter the new name > tap **Save**.
4. Reordering rooms:
   - You can change the order in which rooms are displayed.
   - Make sure the **Show floors level** option is disabled.
   - Tap ☰↓ > drag and drop the rooms to the desired position.
   - Tap **Save**.

Devices

Tap ⚙ at the top right of the Home screen (Home Screen, page 80) to access the **Settings** screen.

1. Tap **Devices** to see a list of all installed devices in your home, sorted by their type.

   The devices also display their name and, if applies, other information, e.g. the charge level of the battery.

2. You can rename your devices: Tap your device > enter a new name > click **Save**.

Supported Widgets

Name	Widget	Control screen function	Control screen settings
Light switch		On/Off	Follow/Manage Schedule
Dimmer		On (percentage)/Off	Follow/Manage Schedule
Dali dimmer		On (percentage)/Off	Follow/Manage Schedule
RGB & RGBW Light		Light On (select color)/Off Color On/Off White On/Off	Follow/Manage Schedule
Vertical blinds		Open (percentage)/Close	Follow/Manage Schedule
Vertical venetian blinds with slat angle		Open (percentage)/Close Open/Close slats	Follow/Manage Schedule
Horizontal blinds		Open (percentage)/Close	Follow/Manage Schedule
Horizontal blinds – Reverse		Open (percentage)/Close	Follow/Manage Schedule
Horizontal venetian blinds with slat angle		Open (percentage)/Close Open/Close slats	Follow/Manage Schedule
Horizontal venetian blinds with slat angle – Reverse		Open (percentage)/Close Open/Close slats	Follow/Manage Schedule
Socket		On/Off	Device settings
EVlink Pro AC		Start/Stop/Resume charging	Charge now
AC		On/Off	Follow/Manage Schedule
General Switch		On/Off	Follow/Manage Schedule
Fan Switch		On/Off	Follow/Manage schedule
Thermostat		Temperature level Preset mode Fan speed	Follow/Manage Schedule
Electric UFH		On/Off Temperature level	Follow/Manage Schedule
Motion Sensor		Motion detection (Occupied/ Unoccupied)	Settings
Water Leakage Sensor		On/Off	
Multiple Sensors		Temperature, Humidity, CO_2 values	
Gas leak (water leak)		On/Off	
Fire/Smoke Alarm		On/Off	

Name	Widget	Control screen function	Control screen settings
General alarm		On/Off	
Weather Station		Temperature level Wind speed Brightness level Rain sensor	
Content		**NOTE:** The **Content** widget in **Touch** can support four different URLs, but only the first one will be displayed in the app..	
Doorlock		Locked Unlocked Jammed Forced open Ajar	Follow/Manage schedule Lock/Unlock

The following widgets are not supported in the app:

- Widget creator (most functions are covered by one of the supported widgets)
- Somfy garage, Somfy motors, Somfy shades
- Danfoss
- Music, Sonos, Revox
- Chart creator
- Video
- Info 1
- Info 2
- Text notification
- Gauge

Notifications

On the **Notifications** screen, you can enable notifications and alarms.

Possible Settings

There are three setting options:

- **Enable notifications** – enable or disable notifications. If you turn off notifications, you will not receive any notifications from the controller (alarms) or Schneider notifications (e.g., cloud outage).

  NOTE: If you enable notifications, you will be prompted to accept your consent to share personal information with a third-party notification service provider. You will not receive any system, device, or service notifications if you decline this consent. For more information on granting consents, see the Consents, page 68 chapter.
- **Alarms** – enable or disable alarms
- **Devices** – set notifications for the devices (the whole device group or one by one):
  - Alarms
  - Events (low/critical battery level)

NOTE: Enabling/disabling notifications is related to the user's phone, not the controller. One user's notification settings do not affect the other user's notification settings.

Set Up Notifications

You can set notifications for the devices as follows:

1. Tap > **Notifications** > **Devices** > select your controller from the **Home management** list.

   NOTE: The name of the specific controller that sent the notification is displayed in the notification's text.
2. You can set up notifications for the whole group of device types or separately for each device from the group.
3. For **the whole group of the devices**, just slide the button for the device type to the right, and all the devices of that type will start to send notifications.
4. If you want to choose **devices individually**, tap the **>** icon at the end of the device group line and enable notifications by sliding the switch to the right for each device.
5. Scroll down and enable/disable battery level notifications for your devices (**Critical battery level** and **Low battery level** swipe-toggle): Follow steps 3 and/or 4.

Message Center

Notification information display on the **Message center** screen.

The icon at the top right of the Home screen indicates new messages.

1. Tap , and the **Message center** screen with the list of notifications opens.

   NOTE: Only the last notification displays for the device enabled to trigger notifications. Once the new notification arrives from your device, it replaces the previous one.
2. Select the controller for which you want to display notifications (tap **All controllers** or **Current controller**)

Delete notifications: Swipe your notification left > tap to confirm.

Home Management

You can have more than one home linked to your app account and add additional accounts for other people so they can access your home.

For example:

Second residence	If you have a second home and want to avoid having different accounts to access it (Adding New Home, page 78).
Family sharing	Each family member can create an account so the parent does not have to share their credentials (Enable Access to Your Home, page 78).
Remote maintenance	Homeowners can enable permanent or time-limited remote access (Enable Access to Your Home, page 78).

There are two options how to access the **Home Management** section:

1. Tap > **Home Management** > select the home you want to manage.
2. On the **Home** screen, tap your home name at the top center of your screen > select from your homes or tap **Home Management**.

If you tap on your home in the **Home Management** section, you can:

Edit your home name	Tap your home > tap > edit the name > tap **Confirm**.
Edit the address	Tap your home > tap **Home address** > type the address > tap **Next** > tap **Submit**.
Remove/unlink home from your account	If you are a Homeowner: Tap your home > tap **Remove Home** > **Confirm**. If you are a user: Tap your home > tap **Unlink me** > **Confirm**.
Manage access	Tap your home > tap **Manage access** > select the access request you want to manage > edit parameters (**Role**, **Access period**, **Remove access**) > tap **Update access**/**Remove access**.

Adding New Home

To add a new home, do the following:

Tap > **Home Management** > tap > **Add new home** > follow the steps described in Pair Your Controller, page 65. A step-by-step wizard guides you through the process.

Once you add your new home, it appears in the **Home Management** section (where you can find the list of all homes added to your account).

You can add as many homes as you like. There is no limit on the number.

Enable Access to Your Home

Here is what to do when you want to give someone else access to your home:

1. The person you want to invite to your home must create a user account in the mobile application.
   They have to follow the steps described in Create Your User Account, page 63.
2. You, as the homeowner: In the mobile application, tap > tap **Home Management** > tap your home > tap **Manage access** > tap .

3. In the **Share home** screen, set up the following:
    - Enter the email address of the requester.
    - Define their access role.
    - Set what rooms the requester can access (all or just some rooms).
    - Set the access period (start/end/duration).
4. Tap **Confirm**.

When access to an existing home has been granted/revoked, the requester receives an email notification.

NOTE: Make sure the e-mail address you enter in the **Share home** form is the same as the e-mail address the person entered when registering their account in the mobile application.

Home Screen

The Home screen offers a comprehensive view of all the devices in your home. Here are the key features:

1. **Device Status**: Quickly check the status of your devices.
2. **Device Control**: Easily manage and control your devices directly from the Home screen.

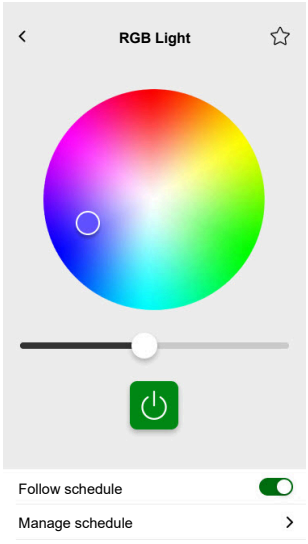
Home screen overview:

Weather panel	Weather Location Humidity Wind speed Temperature Time of the sunrise and sunset
Moments	Tap the moment tile to trigger the moment without navigating to the **Automations** screen. In the **Settings** section, you enable the display of moments on the Home screen.
Favorites	Displays items that you have marked as favorites.
All	List of all rooms with the devices
Rooms – quick access	Rooms and devices management. Drag to scroll through the rooms and their devices.
Home screen icon	Tap to show the Home screen
Automations	Tap to navigate to the **Automations** screen, to set up **Moments** and **Automations**.
Message center	Tap to see device notifications and system messages.
Energy	Tap to manage and monitor the consumption and use of energy from the various sources available in your home.
Settings	**Account** **Tariff** **Floors & rooms** **Devices** **Notifications** **Home management** **Home screen** **Support** **About**

Device Control Screen

On the device control screen, you can see your device's status (e.g., On/Off) and change the status.

You can add your device to **Favorites** (Add to Favorites, page 81) and manage its **Schedules** (Schedules, page 82).



Add to Favorites

You can mark devices as favorites and access them directly from the Home screen in the **Favorites** section.

1. Find the device you want to mark as a favorite.
2. Tap on your device and open its control screen (Device Control Screen, page 80).
3. On the device control screen, tap ☆ at the top right.

The device appears in the **Favorites** section on the Home screen.

Weather Panel

You enable the **Weather Panel** during the final step of the registration process (Create Your User Account, page 63) or in the **Settings**.

The **Weather Panel** displays weather data at the address you enter in the **Home Management** section (Home Management, page 77).

To view the weather information on your Home screen, follow these steps:

1. Tap ⚙ > **Home screen** > **Weather Panel** > enable **Show Weather Panel**.

   NOTE: Logging out of the application will clear this user setting. When you log back in, you must re-enable the **Show Weather Panel** feature.
2. Tap **Temperature units** and select °C or °F.
3. If you enable **Use online weather service** option, you will be prompted to provide consent to share your device's location. Granting consent is a prerequisite for this service to function.

   NOTE: The online weather service is a third-party service that provides weather forecasts based on your location. For more information on setting consents, see the chapter Consents, page 68.
4. If you have a weather station (or more than one) in your KNX installation linked to a widget in your Touch visualization, you can select it here. Enable **Use weather station information** and select your weather station.

NOTE: Enable the weather information from your weather station in the installation, and the application replaces the data from an online weather service provider with the data provided by your weather station.

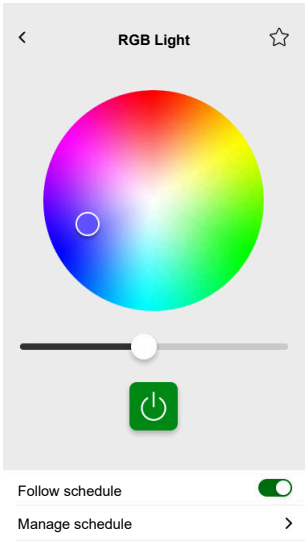
Schedules

You can set up **schedules** that determine specific times when a device changes its state.

These **Schedules** can be created and edited directly from your device control screen.

To access your device schedules:

1. Navigate to the device control screen.
2. Tap **Manage schedules** at the bottom of the screen to view the list of available schedules for your device:



IMPORTANT: If you manually modify the schedules **from the controller**, allow approximately 1 minute for the changes to propagate, then refresh the screen on your mobile application.

List of Schedules

Once you create your **schedule**, it automatically appears in the **schedule** list of the particular device.

1. Tap your device.
2. Tap **Manage schedules** on your device control screen. The **Schedule** list screen opens.

Each item displays basic **schedule** information and has easy toggle access to switch it On/Off.

If you want to add a new **schedule**, tap  (see chapter Add Schedules, page 82).

Add Schedules

1. On the device control screen (Device Control Screen, page 80), tap **Manage schedule**.
2. Tap  at the bottom-right to add a new **schedule**.

3. Enter a name in the text field, add a note, and set a period: yearly, monthly, or daily.
4. Set the device state (On/Off, Open/Close).

   NOTE: Schedules apply to single devices only. If you want to trigger multiple devices simultaneously, create an **Automation**.

5. Activate your **schedule** immediately by swiping the **Activate schedule** toggle.

   NOTE: You can activate or deactivate your **schedules** later as needed.

6. Tap **Create**, and your new **schedule** will appear on the device´s **schedule** screen.

Edit and Delete Schedules

1. Tap the schedule you want to edit or delete in your device´s list of schedules (List of Schedules, page 82).
2. Tap ✎ for each parameter of your schedule and edit.
3. Tap **Update**.
4. Or tap **Delete schedule** to delete your schedule.

Moments

Moments allow you to change the state of several devices with a single tap. To create and edit moments, follow these steps:

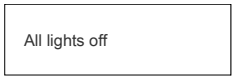
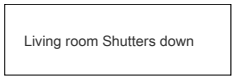
1. On the Home screen (Home Screen, page 80), tap .
2. Select the **Moments** tab.

   NOTE: A moment only sets the status of devices. If you want to revert the affected devices to another status, you must change it manually or create a reversing moment.

   IMPORTANT: If you manually modify the moments **from the controller**, allow approximately 1 minute for the changes to propagate, then refresh the screen on your mobile application.

Types of Moments

There are three types of **moments** in the app:

Type of moments	Parameters	Editable in the app	Display
KNX **Scenes**	• Created in ETS or eConfigure. • Linked to scene widget in Touch visualization. • Displayed, controllable, located in the **Moments** screen in the **Automations** tab.	No • No icons or edit options in the app. • Editable in ETS or eConfigure.	
Controller **Scenes**	• Created in the controller (using **Configurator**). • Centralized. • Mapping exists only between scene actions and KNX group objects. • Logic is evaluated in the controller.	No	  Tap to display the controller **scenes** in the app (green icon).  Tap to hide the controller **scenes** in the app (black icon). **NOTE:** The house icon is displayed even without available controller scenes. It is just not functional.
Moments	• Created in the mobile app. • Composed of devices. • Stored and evaluated in the controller.	Yes • Custom icons and edit options displayed. • You can create and edit them in the app.	

Add Moments

1. On the Home screen (Home Screen, page 80), tap > tap at the bottom right of the **Moments** tab to open the **moment** creator.
2. Name your **moment** and assign it an icon.

3. Tap **Add actions** and select the devices you want to add to your **moment** > tap **Done**.
4. Tap on each device in your action list and set its behavior (for example, plugs on, lights off, heating at 21 degrees) on the control screen.
5. Tap **Set** at the top right of the device control screen.

   Repeat for all devices.

   NOTE: All devices are in their current state.
6. Once you have set the properties of your **moment**, tap **Save** in the **moment** creator.

   You can add any device in your home. For your convenience, you can also filter the devices by room.

Activate Moments

Activate your moments from the Home screen (Home Screen, page 80), **Automations** section ( ) or via your voice assistant.

Edit Moments

Go to the **Automations** screen ( ) > **Moments**:

1. Tap in the **moment** tile.
2. In the **Moment editor**, you can:
   - Change the icon of your **moment**.
   - Change the name.
   - Change the desired state of a device (tap the device to open the device control screen).
   - Add more devices to the **moment** (tap **Add actions**).
   - Remove a device from the **moment** (swipe the device left and tap).
3. Tap **Save** to save the changes to your **moment**.

Delete Moments

Go to the **Automations** screen ( ) > **Moments**:

1. Tap in the **moment** tile.
2. Tap **Delete**.

The deleted **moment** will no longer appear in the list of **moments** in the **Automations** section on the **Moments** tab.

Control Moments from Your Home Screen

If you want to control **moments** directly from your Home screen, turn on the **Show Moments** feature:

Tap > **Home screen** > enable **Show Moments**.

All the **moment** tiles display now on the Home screen. You can scroll through them and turn them on.

NOTE: Moments cannot be edited or deleted from the Home screen (Edit Moments, page 85, Delete Moments, page 85).

Automations

To use Automations in the mobile app, ensure the Automation plugin is installed in the controller. You can install the Automations plugin from the Marketplace. Enabling automatic updates is recommended so you always have the latest version installed.

Automations trigger devices automatically based on predefined conditions. Here are some examples:

1. Sunrise scenario: If it is sunrise, automatically open the living room blinds.
2. Weekend motion detection: If motion is detected on weekends between 9:00 and 17:00, prevent the lights from switching on.

To create and edit automations:

1. Navigate to the Home screen (Home Screen, page 80).
2. Tap  .
3. Select the **Automations** tab.

   NOTE: In a future release of the app, you will be able to send specific Push notifications linked to the automation.

   IMPORTANT: If you manually modify the automation **from the controller**, allow approximately 1 minute for the changes to propagate, and then refresh the screen on your mobile application.

Create Automations

1. On the Home screen (Home Screen, page 80), tap  > **Automations** >  at the bottom right of the **Automations** tab to open the automation creator.
2. Name your automation and assign it an icon.
3. In the next step, add a condition (Add Conditions – If, page 87), period (Add Period – When, page 88), and action (Add Actions – Then, page 89) to your automation.
4. Tap **Save** in the top right of the automation creator.

Your new automation appears on the list in the **Automations** tab.

In the **Automations** tab, you can turn your automation off and on, edit it (Edit Automations, page 89), or delete it (Delete Automations, page 90).

NOTE: Make sure the combination of conditions (**If**), periods (**When**), and actions (**Then**) are physically possible and do not go against each other.

Add Conditions – If

Add a condition that triggers your automation.

There are three types of conditions:

Device status change or action	Examples: • If motion is detected • If the living room light is switched on	
The specific time of the day	Sunrise	• If sunrise starts.

If you want to define a specific time when the actions take place. **NOTE:** Sunset and sunrise-based automations use the location data from the controller. There may be a slight time difference between the sunrise and sunset times shown in the app (as those are taken using different algorithms from the online service provider).		• It is possible to select a period before or after the sunrise starts (up to 12 hours).
	Sunset	• If sunset starts. • It is possible to select a period before or after the sunset starts (up to 12 hours).
	Custom	Define the specific time of the day (hh: mm) and select days of the week.
Weather changes	You can define a weather type as a trigger.	
Energy device value change Depending on the device, you can select different triggers.	Current power	• Imported instant power • Exported instant power See more here: Mapping Energy Data to Energy Groups, page 95.
	Battery used	• More than • Exactly • Less than

You set the **If** condition for starting the automation as follows:

1. In the automation creator, tap **If** > tap **Add condition** and select the trigger to activate your automation:
   - **Device status change** > select your device and set up its status > tap **Set**.
   - **Specific time of day** > choose a start time and repeat period > tap **Next**.

   You will then return to the automation creator main screen.
2. Select the conditions under which the automation realizes:
   - Only if ALL conditions are met: Tick **All conditions**.
   - If ANY condition is met: Tick **Any condition**.

   NOTE: You can add several conditions. We recommend up to 20.
3. In the next step, select a period when the conditions apply.

NOTE: In a future release, you will be able to set conditions based on the weather (temperature, humidity, wind speed, etc.)

Add Period – When

Select a period when the conditions apply. If no period is selected, the condition will apply every day.

For example:

If you want a motion sensor detection to trigger an action, but ONLY on weekdays while you are out of the house, you have to define this period in the **When**.

There are four types of periods:

1. **All day**: 24 hours.
2. **Daytime**:
   - From sunrise to sunset.
   - It is possible to select a period before or after the sunrise/sunset starts (up to 12 hours).

3. **Night time**:
   - From sunset to sunrise.
   - It is possible to select a period before or after the sunset/sunrise starts (up to 12 hours).
4. **Custom**: Define a period – start and end time.

In the automation creator, tap **When** > **Add period** > **Period** > select a start time and repeat period (days of the week) > tap **Next**.

You get back to the automation creator main screen.

NOTE: You can add different periods to the same automation.

In the next step, select the best action for your automation.

Add Actions – Then

Select one or more actions for your automation. We recommend defining up to 20.

You can also set delays between them.

There are four types of actions:

- Run the device
- Add a delay
- Moment
- Send notification

In the automation creator, tap **Then** tab > **Add an action** > select:

- **Run the device** > select your device > tap **Set delay** > select the time of your delay > tap **Save** > tap **Set**.
- **Add a Delay**: In the device control screen, tap **Set delay** > define a delay (mm: ss) > tap **Save**.
- **Moment** > select from the list of moments > tap **Done**.
- **Send notification** > tap **Notify me**. (You will receive a push notification when your automation is triggered.)

  NOTE: You must first enable receiving **Notifications** (> **Notifications** > swipe-toggle **Enable notifications** to enable notifications).

You get back to the automation creator main screen.

NOTE: In a future release of the app, you will be able to send specific push notifications linked to the automation.

Edit Automations

Go to the **Automations** screen ( ) > **Automations**:

1. Tap your automation to open it in the automation editor.
2. Edit your automation as described in Add Conditions – If, page 87, Add Period – When, page 88, and Add Actions – Then, page 89.
3. Tap **Save** to save the changes to your automation.

Delete Automations

Go to the **Automations** screen ( ) > **Automations**:

1. Tap your automation.
2. Tap **Delete**.

The deleted automation will no longer appear in the list of automations in the **Automations** section on the **Automations** tab.

Energy

Within the **Energy** section, you can efficiently manage and monitor energy consumption from various sources in your home.

To access this feature, download the specialized **Energy** plugin to your controller. Learn more about installing or uninstalling the **Energy** plugin and energy data mapping for individual devices in the Wiser KNX Home Energy Management System (HEMS), page 94.

Tap on the sheet at the bottom right of the screen to access the **Energy** management section, which includes **Live**, **History**, and **Insights** tabs.

When you first open the **Energy** section, a step-by-step tutorial will guide you through its functions and settings.

You can also access the tutorial later by clicking at the top right of the screen.

> **IMPORTANT:** The **Energy** section will only appear in your app once you have configured at least the GRID and one additional load in the **Energy** plugin.

Live Tab

In the **Live** tab, you can monitor the current energy consumption of your installation, household appliances, and other monitored devices.

The power flow displays as a ring with the total power consumption of your house (in Watts).

On top, you can see the different energy sources depending on your configuration and how much energy each one is consuming or producing:

Each energy source has its own color:

- **Grid** – blue
- **Battery** – dark grey
- **Solar panels** – light green
- **The energy sold to the grid** – dark green

Below the power flow, you can see three household appliances with the current highest consumption in Watts.

The consumption of the rest of the loads is displayed cumulatively as **Other loads**.

Further below, you can see tiles with the energy information of the current day (depending on your configuration):

- **Total consumption (kWh)**: Total energy consumed in your installation.

  NOTE: Battery charging is excluded from house consumption.
- **Solar production (Wh)**: The amount of energy your solar panels have produced.
- **Self-sufficiency (%)**: The ratio of consumption covered by your solar system production and battery storage to **Total consumption**.
- **(%) of production used**: The **Solar production** consumed in your installation.

At the bottom of the screen, there is a graph showing your home energy consumption per hour:

- The energy provided by the **grid** (blue).
- The energy provided by the **photovoltaic** (green).

History

The **History** tab provides data on power consumption and power sources over time.

You can view two types of graphs:

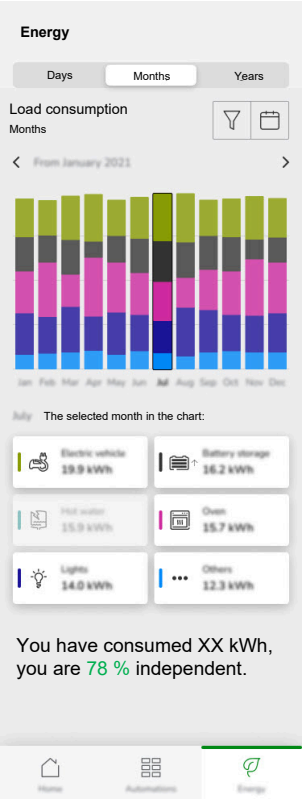
- **Energy sources**: Energy consumption by sources:
  - Production used (solar energy) – green color
  - Grid consumption – blue color
  - Battery used
  - Production sold to the grid
- **Load consumption**: Energy consumption of household appliances.

Tap in the upper right to switch between the two graphs.

Tap and set the period for which you want to display the graph:

- hours
- days
- months
- years

When you tap on columns in the graph, you can see below the consumption for the relevant time unit (hour, day, month, year) divided by energy sources.



By taping the tiles, you can hide or show devices or energy sources in the graph columns.

Tap  and select the units to display the graph values:

- Currency
- kWh

Insights

The **Insights** tab displays energy costs over time and information about your home´s carbon impact.

This feature is currently available only in Germany.

My Annual Bill

The **My annual bill** section shows your accumulated energy consumed throughout the year. Once you have set up your **Energy** plugin in your controller and defined your energy tariff in the Wiser KNX app (see more in Tariff, page 70).

In the **Energy Costs** section, you can check your energy costs per day, month, and year and see the split between your subscription fixed price and the energy costs for that period.

If you have set up a **Feed-in Tariff** (Feed-in Tariff, page 72), you will also see the amount of money for the sale and use of solar energy here as **My savings**.

My Carbon Impact

In **My carbon impact**, you can see the total amount of CO_2 your installation has generated since the initial setup of your **Energy** plugin.

On the **Carbon impact breakdown** screen, you can filter per day, month, and year and see your CO_2 emission during those periods.

> **NOTE: My carbon impact** is currently only available in Germany. The feature will soon be available in other countries, too.

Wiser KNX Home Energy Management System (HEMS)

This chapter guides an installer through the setup of the controller to enable energy monitoring in the mobile application.

It requires a system integrator or an installer to know the general setup of the controller, which involves device commissioning and KNX object management.

The mobile application and its energy management provide information about house consumption, solar energy production, actual power flow, etc. It can also give insights into energy costs and CO_2 impact.

Required settings and installations:

1. Energy monitoring devices, as described below, have to be installed, connected to the controller, and commissioned:

Devices	Examples
Modbus or KNX Energy meters	• Schneider's KNX Energy Meter REG-K/3x230V/16A (MTN6600-0603) • Schneider's iEM3150 energy meter - 63 A - Modbus (A9MEM3150) • iEM3155 energy meter - 63 A - Modbus (A9MEM3155)
Power Tag Modbus	• Energy sensor • PowerTag Resi9 80A 6xLN Modbus 1-Phase (R9M80X6M) with 80A Current transformers (R9MCT80) More info is available here: Supported Energy Meters, page 108. Find out more about creating a Modbus profile in the controller user guide here.
Power Tag Link and A9 Power Tags	• Acti9 PowerTag Link - Wireless to Modbus TCP/IP Concentrator (A9XMWD20) • Acti9 PowerTag Link HD - Wireless to Modbus TCP/IP Concentrator (A9XMWD100) • Power Tags: ◦ A9MEM1521 ◦ A9MEM154 ◦ A9MEM1561 Find out more about creating a Modbus profile in the controller user guide here.
KNX actuators with current detection	• Switch actuator REG-K/4x230/16 w (MTN647595) • Switch actuator REG-K/8x230/16 w (MTN647895) • Switch actuator REG-K/12x230/16 (MTN648493)
Modbus Solar inverters	Currently supported: • Kostal Plenticore • Solax X3 G4 More info available here: Supported Solar Inverters, page 106 Find out more about creating a Modbus profile in the controller user guide here.
Other devices with energy monitoring options supported by KNX and/or the controller	• Smart plug • Smart socket

2. The **Energy** plugin has to be installed and configured. It is available in the controller's **Marketplace** and is designed to map the energy data from the devices described above.
3. The mobile application is installed on your mobile phone (the latest version available in the Google Playstore and Apple Appstore), and the valid account is linked with the controller.

4. You must set your controller location in the mobile application (see more in Home Management, page 77).

Energy Groups

In a residential house, there are various energy sources and appliances as follows:

- Grid

The grid is the entrance point of the public electrical energy distribution network to the house. The house consumes energy from the grid, but it can also deliver electrical energy to the grid if a solar system is installed.

- Solar panels

It is a photovoltaic energy source. An inverter must be connected to the solar panels to transform the energy generated and transmit it to the house. The inverter also provides information about the amount of energy generated by the panels.

- Battery

Battery storage stores solar energy for later use. It is usually connected to an inverter that manages the battery´s charging and discharging and delivers information about the charged and discharged energy.

- Electrical appliances

An electrical appliance is any household device that consumes energy to fulfill its purpose, such as a washing machine or a boiler.

Energy Plugin Installation/Update

You have to install the **Energy** plugin to the controller before the start of energy data mapping.

Install as follows:

1. In your web browser, open your controller environment > click the cart icon to open Marketplace.
2. Search for the **Energy** plugin > click next to the plugin > click **Yes** to install it.
3. When the plugin icon appears on your controller's landing page, the installation is complete.

Follow the same procedure when updating your **Energy** plugin.

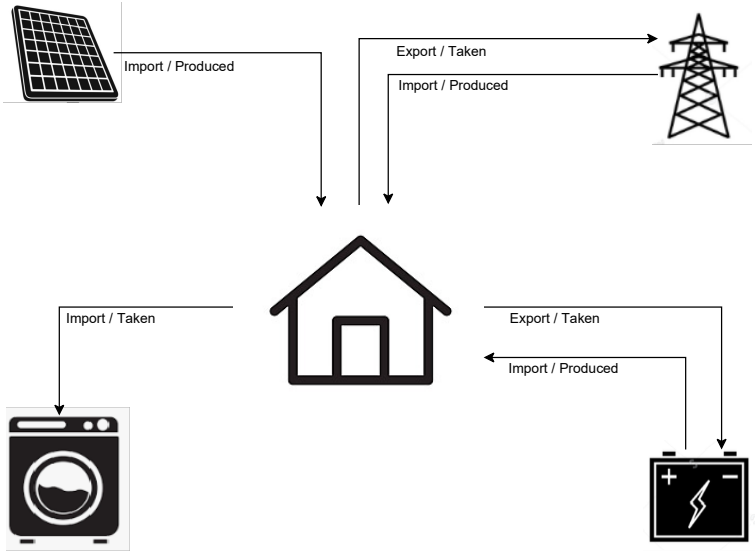
Mapping Energy Data to Energy Groups

Once the **Energy** plugin is installed in the controller, the energy data needs to be mapped to the energy groups to get them visible in the mobile application.
See more in Energy Plugin Installation/Update, page 95.

Back up your system after the configuration of all required equipment items.

Back up after each energy configuration update.

The following image illustrates the flow of energy in your home:



Important:

The **Energy** section will only be displayed in your app when you have configured at least the **GRID** and a minimum of one additional load in the **Energy** plugin.

A section called **Energy** is created in the controller under the **Trend logs** tab for each energy equipment, where trend logs are automatically stored. Data is reloaded from these logs in case of an internet outage. However, if the internet outage lasts longer than 12 hours, the data cannot be reloaded and will be lost. Trend logs in the controller are read-only and cannot be deleted by the user.

Grid

You have to map the grid, as off-grid solar installations are not supported.

It is necessary for the following monitoring:

1. Energy consumed from the grid.
2. Energy delivered to the Grid (if there are solar panels in the house). Various insights are calculated based on these data.

A device providing the grid energy data has to be connected to the controller, commissioned, and the following KNX objects provided:

- Active power: This is the actual power consumed or generated by the house (if solar panels are installed).
  Assign this KNX object **unit** with **W** or **kW**.
- Active energy produced by the grid (energy taken from the grid): It is the total cumulative energy consumed by the house.
  Assign this KNX object **unit** with **Wh**.
- Active energy taken by the grid (self-produced energy delivered back to the grid): This is the total cumulative energy produced by the house. It is required if the house can deliver energy back to the grid, e.g., if solar panels or a battery are installed.
  Assign this KNX object **unit** with **Wh**.

  NOTE: If you use a solar inverter to provide the data, see Supported Solar Inverters, page 106.

If KNX objects are available, map them in the **Energy** plugin as follows:

1. In your web browser, open the **Energy** plugin for your controller.

2. Click + at the bottom right corner > click **Add equipment**. The form for creating new equipment pops up.
3. Fill out the **General** tab of the form as follows:

Title	Any name.
Power limit (W)	Alarm threshold (it is compared to Active power). 0 = The alarm is not set.
Self-consumption	Check the attribute if solar panels or a battery are installed.
Reverse direction	Leave the attribute unchecked

NOTE: If energy can be delivered from the house to the grid, check **Self-consumption**. Otherwise, leave it unchecked.

NOTE: Leave **Reverse direction** unchecked. You will find later in the mobile application if the power direction is correct. If not, get back to this attribute and check it.

4. Click the **Objects** tab and fill it out as follows:

Kostal inverter example	
Active power	Active power
Energy produced by grid to house	Energy taken from the grid
Energy taken by grid from house	Self-produced energy delivered to the grid
Device status	Optional (the status will be displayed in the plugin) 1 = OK/ 0 = failure

NOTE: If the energy cannot be delivered from the house to the grid, leave **Energy taken by the grid from the house** unfilled.

5. Click **Save**.

   The grid (GRID) appears as an item on the equipment list.

6. Check the GRID (checkbox on the left) > click at the bottom left > click **Add selected to room** > choose to which room(s) you want the GRID added.

   NOTE: Rooms have to be already created in **Touch Config**.

7. Click **Add**.

The mapped grid power and energy are available in (new tab) at the bottom right of the mobile application (Installing the Mobile Application, page 62).

Tap in the app and check if the grid is monitored correctly:

- The power in **Live** view has to be displayed instantly.
- You need to wait for data history and let the system generate enough data to display in the app.

NOTE: After any update to the configuration in the **Energy** plugin, it is always necessary to completely close the app and open it again to see the latest update. If the data is not displayed correctly, see Energy Troubleshooting, page 106.

Solar Panels

Map this energy group only when a photovoltaic system is installed in the house.

An inverter delivering the energy data has to be connected to the controller, commissioned, and following KNX objects provided:

- Active power: It is the actual power generated by solar panels.
  Assign this KNX object **unit** with **W** or **kW**.
- Active energy: It is the total cumulative energy generated by solar panels.
  Assign this KNX object **unit** with **Wh**.

A photovoltaic string is a separate set of panels connected to a DC port of an inverter.

If there are more strings of solar panels, there are two ways of mapping:

1. Single: If KNX objects are the aggregation of all solar panels strings, then the mapping procedure below is done just once to create a single photovoltaic equipment.
2. Multiple: Inverters allow the connection of multiple strings at the same time. Inverters handle multiple strings differently. Some manufacturers offer the total sum of photovoltaic power in one object and the total sum of photovoltaic energy in the other. Other manufacturers report values for each string separately, so there is photovoltaic power string 1, 2, etc.
   In the second case, it is necessary to commission as many pieces of equipment as the number of strings installed in the system.

Photovoltaic strings	**Energy plugin mapping**
1	One instance of photovoltaic equipment (power, energy).
2, aggregated	One instance of photovoltaic equipment with power and energy values aggregated by an inverter.
2, non-aggregated	Two instances of photovoltaic equipment: • 1 (power 1, energy 1) • 2 (power 2, energy 2) The system aggregates the values and displays sums in the mobile application.

If an **object combines energy values** from multiple photovoltaic strings and **separate power objects** of individual photovoltaic strings, then the energy object is assigned only to the first instance of photovoltaic equipment.

Example:

- Solar panels 1: Active power 1, Active energy All
- Solar panels 2: Active power 2, –

If KNX objects are available, map them in the **Energy** plugin as follows:

1. In your web browser, open the **Energy** plugin for your controller.
2. Click + at the bottom right corner > click **Add equipment**. The form for creating new equipment pops up.
3. Fill out the **General** tab of the form as follows:

Title	Any name.
Power limit (W)	Alarm threshold (it is compared to Active power).

4. Click the **Objects** tab and fill it out as follows:

Kostal inverter example	
Active power	Active power.
Energy produced	Active energy.
Device status (1 Bit)	Optional (the status will be displayed in the plugin). 1 = OK/ 0 = failure

5. Click **Save**.

   The solar panels (**Photovoltaic**) appear as an item on the equipment list.

6. Check the **Photovoltaic** (checkbox on the left) > click at the bottom left > click **Add selected to room** > choose to which room(s) you want the photovoltaic added.

   NOTE: Rooms have to be already created in **Touch Config**.

7. Click **Add**.

The mapped solar panel´s power and energy are available in the mobile application.

Tap in the app and check if the solar panels are correctly monitored:

- The power in the **Live** view has to be displayed instantly.
- For data history, you need to wait for the system to generate enough data to display in the app.

  NOTE: After any update to the configuration in the **Energy** plugin, it is always necessary to completely close the app and open it again to see the latest update. If the data is not displayed correctly, see Energy Troubleshooting, page 106.

Battery

The battery is an energy storage device that keeps energy for later use. It is usually connected directly to an inverter. The inverter manages its regime and provides energy data.

The inverter delivering the energy data has to be connected to the controller, commissioned, and the following KNX objects provided:

- Active power: This is the actual power charged or discharged from the battery.
  Assign this KNX object **unit** with **W** or **kW**.
- Active energy charged to battery: It is the total cumulative energy charged to the battery.
  Assign this KNX object **unit** with **Wh**.
- Active energy discharged from battery: This is the total cumulative energy discharged from the battery.
  Assign this KNX object **unit** with **Wh**.
- State of charge: This is the actual percentage level of battery charge.
  Assign this KNX object **type** with **scale** (05.001 1-byte integer).

  NOTE: If you use a solar inverter to provide the data, see Supported Solar Inverters, page 106.

If KNX objects are available, map them in the **Energy** plugin as follows:

1. In your web browser, open the **Energy** plugin for your controller.
2. Click + at the bottom right corner > click **Add equipment**. The form for creating new equipment pops up.

3. Fill out the **General** tab of the form as follows:

Title	Any name
Power limit (W)	Alarm threshold (it is compared to Active power). 0 = The alarm is not set.
Self-consumption	The attribute has to be checked.
Reverse direction	Leave the attribute unchecked.

NOTE: Leave **Reverse direction** unchecked. You will find later in the mobile application if the charging and discharging are correct. If not, get back to this attribute and check it.

4. Click the **Objects** tab and fill it out as follows:

Kostal inverter example	
Active power	Active power.
Energy taken (required for consumption calculations)	Active energy charged.
Energy produced (required for consumption calculations)	Active energy discharged.
Device status	Optional (the status will be displayed in the plugin). 1 = OK/ 0 = failure
State of charge (05.001 (scale, 1-byte integer))	Battery charge level in %.

5. Click **Save**.

   The battery (Energy Storage System) appears on the equipment list.

6. Check the Energy Storage System (checkbox on the left) > click at the bottom left > click **Add selected to room** > choose to which room(s) you want the battery added.

   NOTE: Rooms have to be already created in **Touch Config**.

7. Click **Add**.

The mapped battery power and energy are available in (new tab) at the bottom right of the mobile application.

Tap in the app and check if the battery is monitored correctly:

- The power values in a **Live** view have to be displayed instantly.
- You need to wait for data history and let the system generate enough data to display in the app.

NOTE: After any update to the configuration in the **Energy** plugin, it is always necessary to completely close the app and open it again to see the latest update. If the data is not displayed correctly, see Energy Troubleshooting, page 106.

Electrical Appliances

When dealing with electrical appliances, it is essential to understand their energy consumption. The electrical appliance can be any household appliance that consumes energy to meet its purpose (e.g., washing machine, boiler). You have to map the appliances as described further.

A device providing the energy data of your appliance, such as an energy meter, smart socket, or smart plug, must be connected to the controller, commissioned, and the following KNX objects provided:

- **Active power:** This represents the actual power consumed by the appliance.
  Assign the KNX object unit with either watts (W) or kilowatts (kW).
- **Active energy consumed:** This reflects the total cumulative energy consumed by the appliance over time.
  Assign the KNX object unit with watt-hours (Wh).

If KNX objects are available, map them in the **Energy** plugin as follows:

1. In your web browser, open the **Energy** plugin for your controller.
2. Click + at the bottom right corner > click **Add equipment**. The form for creating new equipment pops up.
3. Fill out the **General** tab of the form as follows:

Title	Any name.
Power limit (W)	Alarm threshold (it is compared to Active power)- 0 = Alarm is not set.

4. Click the **Objects** tab and fill it out as follows:

Active power	Active power.
Energy taken (required for consumption calculation)	Consumed energy.
Device status (1 Bit)	Optional (the status will be displayed in the plugin). 1 = OK/ 0 = failure

5. Click **Save**.

   The appliance appears as an item on the equipment list.
6. Check the appliance (checkbox on the left) > click at the bottom left > click **Add selected to room** > choose to which room(s) you want the electrical appliance added.

   NOTE: Rooms have to be already created in **Touch Config**.
7. Click **Add**.

The mapped appliance power and energy are available in  (new tab) at the bottom right of the mobile application.

Tap  in the app and check if the appliance is monitored correctly:

- The values in the **Live** view have to be displayed instantly.
- You need to wait for data history and let the system generate enough data to display in the app.

  NOTE: After any update to the configuration in the **Energy** plugin, it is always necessary to completely close the app and open it again to see the latest update. If the data is not displayed correctly, see Energy Troubleshooting, page 106.

Electric Vehicles

The mobile application supports Schneider's EVlink Pro AC chargers and the **Charge Now** functionality (scheduling is currently not supported). To set it up, you have to map the EVlink Pro AC charger as any other household appliance in the **Energy** plugin.

The charger has to be connected to the controller, commissioned, and the relevant KNX objects provided.

Once the required KNX objects are available, map them in the **Energy** plugin as follows:

1. In your web browser, connect to your controller and open the **Energy** plugin.
2. Click + at the bottom right corner > click **Add equipment**. The form for creating new equipment pops up.
3. Fill out the **General** tab of the form as follows:

Title	Any name.
Power limit (A)	Alarm threshold (it is compared to Power) 0 = Alarm is not set.
Reverse direction	Leave the attribute unchecked.

4. Click the **Objects** tab and fill it out:

Status (Charger register)	Status of the charger
Charging set point (Charger register)	Charging speed (A)
****Charging start**	Start of charging (s) 4-byte unsigned integer
****Charging stop**	End of charging (s) 4-byte unsigned integer
Power (Charger register)	Power of the charger (kW)
Energy (Charger register)	The cumulative amount of electrical energy consumed by the charger since the installation of the application/operation of the charger (kWh)
****Consumed on last charge**	The energy used during the last charge (kWh) 4-byte floating point
****Transaction time**	Charging time (s) 4-byte unsigned integer
Remote command (Charger register)	Control commands for the charger (start, stop, pause)
****Device status**	Communication status of the charger with the controller (1/0)

NOTE:

- Objects labeled as **Charger register** are obtained from the charger via Modbus protocol (see Supported Chargers for Electric Vehicles, page 107).
- **: You must create these objects in your controller – preferably as virtual objects.
  For practical reasons, name the objects created in the controller the same as in the table above so there are no doubts when mapping.

5. Click **Save**.

   The appliance appears as an item on the equipment list.

6. Check the appliance (checkbox on the left) > click  at the bottom left > click **Add selected to room** > choose to which room(s) you want the charger added.

   NOTE:
   Rooms already have to be created in **Touch Config**.

7. Click **Add**.

The mapped appliance power and energy are available in (new tab) at the bottom right of the mobile application.

Tap in the app and check if the appliance is monitored correctly:

- The values in the **Live** view have to be displayed instantly.
- You need to wait for data history and let the system generate enough data to display in the app.

NOTE:
After any update to the configuration in the **Energy** plugin, it is always necessary to completely close the app and open it again to see the latest update. If the data is not displayed correctly, see Energy Troubleshooting, page 106.

Aggregated Equipment

You can combine individual household appliances or devices into one aggregated equipment. This is useful if you want to monitor, for example, the total energy consumption for lighting. When several families live in the house, you can use this tool to determine how much electricity each consumes.

Aggregated equipment is displayed on the equipment list at the bottom of the screen in the **Energy** plugin. You can also see it in the application as another load.

You create aggregated equipment as follows:

1. In your web browser, open the **Energy** plugin for your controller.
2. Click + at the bottom right corner of the screen > click **Add aggregated equipment**. The form for creating new aggregated equipment pops up.
3. Fill out the form as follows:

General	**Objects**	
Title: Name of the equipment.	**Mandatory**	**Optional**
Equipment type: Select the type of the device.	**Active power**: The actual consumed or delivered power. Unit = W (Watt) or kW. Select all the power group addresses for the aggregated equipment.	**Device status**: It maps the KNX object status register of the equipment. The status is displayed in the plugin: 1 = ok/0 = failure. Select all the status group addresses for the aggregated equipment.
Rooms: Select your room.	**Energy taken**: The total cumulative active energy consumed by equipment. Select all the energy group addresses for the aggregated equipment.	

NOTE: Fill in the same number of group addresses into the **Active power** and **Energy taken** fields. Maximum limit: 10 group addresses per field.

Virtual equipment address = collectively represents the individual aggregated addresses from the **Objects** tab so you can see them all as one piece of equipment in the **Energy** plugin and the application. Fill in only one item in each box.

4. Click **Save**.

The **Aggregated equipment** appears as an item on the equipment list of the **Energy** plugin. The mapped **Aggregated equipment** is available in (new tab) at the bottom right of the mobile app.

Energy Data Update Optimization

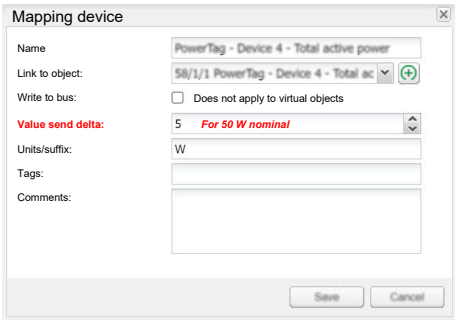
Frequent reporting of energy data might overload the controller CPU, delaying the update of power or energy data in the mobile app.

For example, when an energy meter reports insignificant power deviations (e.g., 701 W, 699 W, 702 W).

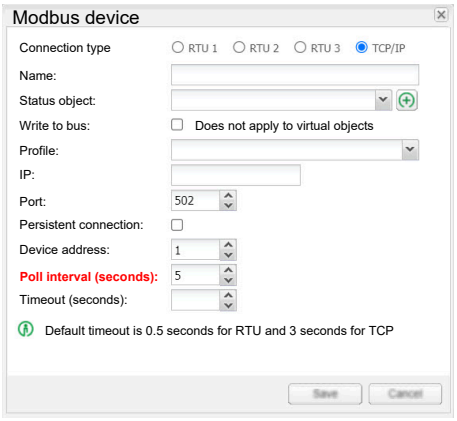
It is better to prevent CPU overload as it causes further related problems (delays and limitations).

There are several ways how to limit the frequency of reporting:

- Adjust the update period in the energy meter.
- For Modbus devices in the **Mapping device** set **Value send delta** to report only significant value deviation in the controller (e.g. 10% of nominal power).



- For Modbus devices, increase the **Poll interval** in the controller.



Equipment Editor

The table below provides descriptions for each of the input fields in the editor form:

Title	Name of the equipment: E.g., My boiler.
Equipment type	Type of the device: Grid, solar panel, battery, or an electrical appliance.
Self-consumption	If solar panels or batteries are installed in the house, you must set this parameter if the equipment is a battery or grid.
Reverse direction	The parameter reverses the power flow for a battery or the grid. • If the battery indicates charging and, in fact, it is discharging (or vice versa), you have to swap this attribute. • If the grid indicates power being delivered from the house to the grid, but, in fact, the power is delivered from the grid to the house (or vice versa), you have to swap this attribute.
Power limit	Alarm threshold for Active power Unit = W (Watt)

Active power	The actual consumed or delivered power. It has to be assigned for all equipment types: The grid, solar panels, a battery, and electrical appliances. Unit = W (Watt) or kW
Energy taken	The total cumulative active energy consumed by equipment. It has to be assigned to all types of energy-consuming equipment: The grid, batteries, and electrical appliances.
Energy produced	The total cumulative active energy delivered by equipment. It has to be assigned for all equipment types that can deliver energy: The grid, solar panels, and a battery.
Device status	Optional. It maps the KNX object status register of the equipment. The status is displayed in the plugin: 1 = ok / 0 = failure.

Typical User Scenarios

These scenarios may typically occur in real installations (the list is not exhaustive):

Scenario	Action
1. A user wants to stop monitoring a household appliance (e.g., a washing machine) and wants to remove it from history.	An installer deletes the respective equipment in the **Energy** plugin. By doing so, the historical data will be deleted forever.
2. A user wants to stop monitoring a household appliance (e.g., a washing machine) but wants to preserve its history.	An installer deletes the power and the energy - the KNX objects of the respective equipment.
3. A user decides to replace the monitoring of one household appliance (e.g., a washing machine) with another (e.g., a dryer) using the same energy meter (e.g., smart socket).	An installer physically disconnects the monitored household appliance and connects the other household appliance. Then the installer creates new **Energy consumer equipment** and maps the respective KNX objects. If a user wants to preserve the history of the recently monitored household appliance, follow Scenario 2; otherwise, follow Scenario 1.
4. An energy meter linked to monitored equipment is broken down and needs a replacement.	An installer replaces the damaged energy meter and commissions a replacement meter to the controller. In the **Energy** plugin, the installer maps KNX objects of the new energy meter to the monitored equipment.

Energy Plugin Uninstallation

- Check the **Equipment list** first and delete all configured equipment items before uninstalling the plugin.
- Do not uninstall the plugin if any of the equipment items remain configured.
- Back up the system after each energy configuration update.
- An accidental uninstallation of the plugin may lead to irreversible data and configuration loss unless you restore the system.

Energy Troubleshooting

Description	Corrective action
The **Energy** tab does not appear in the application.	Make sure you are monitoring the grid and at least one more load. Those two devices need to be correctly configured with all required KNX objects. If the **Energy** tab is still not shown, go to **Settings** > **Home Management**, select your Home > tap **Home Address** > edit the address. Tap the target icon at the bottom right of the map to get a precise location and save the changes.
In the **Live** view, the grid shows delivering power instead of receiving, or vice versa.	Go to the **Energy** plugin and edit the grid equipment. Swap the attribute **Reverse direction**.
In the **Live** view, the battery shows charging instead of discharging, or vice versa.	Go to the **Energy** plugin and edit the battery equipment. Swap the attribute **Reverse direction**.
In the **History** view, the grid shows lower **Grid consumption** and higher **Production sold** than expected, or vice versa.	Go to the **Energy** plugin and edit the grid equipment. Swap the objects in the input fields: **Energy taken** and **Energy produced**.
In the **History** view, the battery shows lower **Battery used** (discharged) and higher **Battery** (charged) than expected, or vice versa.	Go to the **Energy** plugin and edit the battery equipment. Swap the objects in the input fields: **Energy taken** and **Energy produced**.
The grid, battery, or solar panel is missing in the **Live** view.	1. Restart the mobile application. 2. Go to the **Energy** plugin and check that a room was assigned to the missing equipment.
In the **History** view in **Load consumption** tab, an appliance consumed energy is missing.	A room has not been assigned to the appliance in **Energy** plugin. → Go to the plugin and check that a room was assigned to the appliance. It may not have been long time enough for the appliance to measure any margin in consumption. → Wait and check the consumption of the appliance later. **NOTE:** The six most consuming appliances display for a given period. The other appliances are aggregated as **Others**.
In the **Live** view, power is updated with a significant delay. In the **History** view, energy data are missing for some hours, followed by a significant energy peak.	There may be frequent reporting on KNX objects, and the controller cannot process them on time. → see Energy Data Update Optimization, page 104.
The inverter native app shows slightly different values of power or energy than the mobile app.	Go to the **Energy** plugin and edit the grid equipment. Check that the attribute **Self Consumption** is set. This is caused by multiple factors, such as the frequency of data updates (e.g., much lower in the Solax inverter), a different way of calculating load consumption, etc.

Supported Solar Inverters

The list is not exhaustive.

KOSTAL Plenticore

A **Modbus** profile is available for this model of an inverter: KOSTAL-Plenticore.json.

The following registers shall be mapped to KNX objects from the profile (battery registers shall be mapped only if a battery is available):

Modbus register	Modbus address	Designation
Total Active Power (power meter)	252	Grid: Active power
Total Home Consumption Grid	112	Grid: Active energy produced by the grid (energy taken by house)
Total energy AC-side to grid	1064	Grid: Active energy taken by the grid (energy produced by house)

Total DC power (sum of all PV inputs)	1066	Solar panels: Active power (all strings)
Total DC PV energy (sum of all PV inputs)	1056	Solar panels: Active energy (all strings)
Actual battery charge/discharge power	582	Battery: Active power
Total DC charge energy (DC-side to battery)	1046	Battery: Active energy charged to battery
Total DC discharge energy (DC-side from battery	1048	Battery: Active energy discharged from battery

NOTE: This profile has been tested with the KOSTAL Plenticore inverter. For compatibility with other models, contact KOSTAL´s technical support.

Solax X3 G4

A **Modbus** profile is available for this model of an inverter: Solax_X3_G4.json.

The following registers shall be mapped to KNX objects from the profile (Battery registers shall be mapped only if a battery is available):

Modbus register	Modbus address	Designation
Feed-in power(meter)	70	Grid: Active power
Consumed energy total	74	Grid: Active energy produced by the grid (energy taken by house)
Energy total to grid	72	Grid: Active energy taken by the grid (energy produced by house)
PV 1 power	10	Solar panels: Active power (string 1)
PV 2 power	11	Solar panels: Active power (string 2)
Solar energy total	148	Solar panels: Active energy (all strings)
Battery power	22	Battery: Active power
Input energy charge	33	Battery: Active energy charged to battery
Output energy charge	29	Battery: Active energy discharged from battery

NOTE: The profile has only been tested with the Solax X3 G4 inverter range. It may work with older devices as well. For further queries regarding device compatibility, contact Solax´s technical support.

Supported Chargers for Electric Vehicles

EVlink Pro AC

For the EVlink Pro AC charger, the following registers shall be mapped to KNX objects:

Modbus register	Modbus address	Designation
OCPP Status	150	Status
Set Point	4003	Charging set point
Power Active Phase TOT	3059	Power
Energy Active TOT	3203	Energy
Set command	4001	Remote command

Supported Energy Meters

The list is not exhaustive.

PowerTag Modbus 1-phase

For PowerTag Modbus 1-phase energy sensor, the following registers shall be mapped to KNX objects:

Modbus register	Modbus address	Designation
Voltage	3020	RMS voltage
Frequency	3126	Frequency
Current Lx	-	RMS current (channel X)
Active Power Lx	-	Active power (channel X)
Lx Active Energy Delivered	-	Active energy delivered (channel X) is the absolute energy accumulator when Active power has a positive value.
Lx Active Energy Received	-	Active energy received (channel X) is the absolute energy accumulator when Active power has a negative value.
Partial Lx Active Energy Delivered	-	A resetable register of Active energy delivered (channel X).
Partial Lx Active Energy Received	-	A resetable register of Active energy received (channel X).
Clear Energy	6000	Write 21920 to clear all partial active energy registers.
Power Factor Lx [-1,1]	-	Power factor in the range – 1 to 1 (channel X).
Power Factor Lx [-2,2]	-	Power factor in the range – 2 to 2 (to indicate capacitive or inductive load, channel X).
Lx Direction	-	Write 1 to change the active power direction (from positive to negative or vice versa, channel X).
Lx CT	-	The current coil rate, only 80A is supported.

FAQ

General

In which countries is the application available?	The app is available in the countries listed here: Wiser KNX App Availability, page 13.
Is the application replacing the legacy Wiser KNX app?	Yes, the legacy Wiser KNX application has been phased out and removed from the Google Play and Apple App Store.
I was using the previous Wiser KNX app and want to migrate to the new Wiser KNX app. What should I do?	1. Update the firmware of your controller to the latest one available. 2. Install and enable the Cloud Connector and the KNX IoT 3rd party API which are available in the Marketplace of your controller. 3. Download the new Wiser KNX app from the Google Play or iOS Appstore. 4. Login using the same credentials for remote access in Wiser KNX app.
I am using the PC/tablet visualization at home. Does the new mobile application support this?	No. The new mobile application provides a widget-based solution to control your installation, allowing you to create schedules, moments, and automations, and receive push notifications from your phone. The PC/ tablet visualization remains accessible through any browser while connected to the local network.
How does the new app differ from the previous app?	The new mobile application provides an enhanced user experience compared to the previous app. It is simpler and faster, and it provides you with many more functionalities at the tip of your hands. You will be able to create and edit your schedules and moments and receive push notifications for the devices you would define. And this is just the beginning. In future app releases, we will deliver many more new functionalities.
How can I delete my account?	You can delete your account directly within the mobile application. Refer to Delete My Account, page 69.

Controller (Refer to the controller user guide: here)

Is it possible to use Wiser for KNX controller without being connected to the Internet?	Yes, the controller can operate without an internet connection, using the touch panel as a user interface to control and monitor connected devices. Additionally, the controller can run schedules, automations, and collect and display data locally. However, without an internet connection, users will lose access to cloud-based services, such as remote control and monitoring, energy management, and third-party services like Alexa or Google Home voice control.
I'm about to move out of a Wiser for KNX equipped home, do I need to do something to ensure my data remains secure?	The data are linked to the controller, so you will need to delete the data before handing over access to the controller. Consider deleting the following data: 1. Energy data (with your mobile application) 2. Trends (with the controller web server) 3. Logs (with the controller web server) 4. User-specific moments and automations (with your mobile application) 5. Delete your user account linked to the controller if no other controllers are linked to the account (within your mobile application) You can export trends and logs before deleting them. For the export of energy data, please contact our customer service. If you don't have access to the controller web server, please contact your system integrator.
I'm a new occupant in a Wiser for KNX equipped home, what can I do to ensure that former occupants do not retain access?	You will need to ensure that the former occupant has decommissioned the controller from their account. To verify this, create an account in the mobile application and commission the controller to your account. Additionally, with your account, check that no other accounts are shared with the controller. **NOTE:** The controller is commissioned properly only when it is accessible from the main page of the mobile application. Please contact the system installer of your new home to check on the topic. **NOTE:** Changing the account will also lead to disabling all third-party services.

Controller (Refer to the controller user guide: here)

I'm about to ship a Wiser for KNX controller or a KNX device for technical support, do I need to do something before, to ensure my data remains secure?	Majority of KNX devices don't require any special handling to ensure data will remain secure as they typically do not store the data. For the Wiser for KNX controller, please discuss the topic with the technical support before sending the device.
I'm about to decommission a Wiser for KNX controller or a KNX device, do I need to do something before, to ensure my data remains secure?	Majority of KNX devices don't require any special handling to ensure data will remain secure as they typically do not store the data. However, unloading application and address is a good practice when the device will be used in another installation. For this reason, please contact your installer. Regarding Wiser for KNX controller decommissioning, you have the following options: • Do the factory reset of the controller. • Remove the SD card from the controller. • Consider deleting the following data: ◦ Energy data (with your mobile application) ◦ Trends (with the controller web server) ◦ Logs (with the controller web server) ◦ User-specific moments and automations (with your mobile application) **NOTE:** Before you proceed with any of the options, you can export trends and logs. For the export of energy data, please contact our customer service. • Unlink the controller from your user account via the mobile application (see the Home Management, page 77 chapter). • If no other controllers are linked to your user account, consider deleting your entire user account. If you don't have access to the controller web server, please contact your system integrator.

Managing Third-Party Voice Assistant Permissions and Control

I would like to remove ability of third-party voice assistant to control system devices; how to do this? I would like to review and manage third parties who have permission to access my setup; how to do this?	For Alexa and Google Home, go to the respective voice assistant application and unlink the associated Wiser for KNX skill/service. In urgent need, disable the Cloud connector plugin in your controller. If you want to remove the ability to control some devices, disable the voice control for the devices in the Touch plugin. For Apple Homekit, delete the HomeKit plugin from your controller. Third-party permissions cannot be listed or managed within your mobile application. You need to check the permissions directly with the third parties. For detailed information on Alexa and Google Home voice control, please refer to the relevant application notes. For the HomeKit plugin, consult the corresponding chapter in the controller's user guide. You can find the links to all documents in About the Document, page 10 chapter > **Related Documents** section.

Multifactor Authentication (MFA)

How can I disable multifactor authentication?	Go to **Settings** > **Account** > **Multifactor authentication** and disable this feature. See the Multifactor Authentication, page 67 chapter for more details.
I want to disable multifactor authentication but can't do it for various reasons in the mobile app. What should I do?	If you are unable to disable multifactor authentication in the mobile app, please contact the Schneider Electric Customer Care Center.

Widgets

Which widgets are supported in the Touch application?	The list is available here: Widget Configuration, page 23.
Are all the widgets in Touch visualization supported in the new mobile application?	No. Some of the widgets available in Touch are meant to be used in bigger displays (like text displays or showing ULR). For others like custom, it's not feasible to adapt them to the new mobile application. Others (like music, Sonos, and Revos) will be supported later.
Why can't I see my customizations (color, size, backgrounds) in the widgets I created in Touch in the new mobile application?	The main idea for the mobile application is to allow faster access and control of your widgets. If you need customized Touch widgets or the PC/ Tablet visualization, you can always access them by connecting to your

Widgets

	controller through your web browser, but only from your local network (at home).
The widgets in the app show incorrect configuration. What should I do?	This message is displayed when the widget does not have all the required parameters (KNX group objects) filled. Once the missing parameters are added in Touch, the widget will work.
Why do I see my multi-widget split in the mobile app?	To offer better control of each of the loads supported by the multi-widget, those have to be split. By default, they will keep the same name of the widget and add a number at the end (1, 2, 3, etc). Those names can be renamed in the mobile application.
How can I access my most frequently used widgets faster?	Access any widget that you would like to bookmark as a favorite and tap the star at the top right of the detail screen. That widget now appears in the Favorite Room in the app that will be shown by default every time you open the app.
Why do some of my widgets show a number after the name?	Multi-widgets like Light Switch, Dimmer, and Socket are shown as a single widget in **Touch**, but each channel is broken down into individual widgets in the mobile application. You can always rename the channels differently so they display with their specific names in the mobile application.

Rooms

How can I rename my rooms?	In **Settings**, access the **Rooms** section and tap the room you want to rename. The default rooms whose names can´t be changed are: **All** and **Favorites**.
How can I change the order of the rooms?	On your home screen, you have to tap three dots (…) at the top right next to the rooms and then drag and drop to reorder how you want your rooms displayed on the Home screen.

Floors

How can I see my floors in the mobile application?	By default, all rooms in the installation are shown on the same level in the mobile application. To enable floor-level navigation (as in **Touch** visualization), go to **Settings** > **Floors and Rooms** and enable it.

Moments

How can I access my moments faster?	In **Settings** > **Home Screen** > **Show Moments**, you can enable the option so that your moments can be displayed on the home screen.
How can I change the order of the moments?	In the **Automation** tab, tap the 3 dots (…) at the top right and then drag and drop to reorder the way you want the moments displayed on the **Moments** screen.
I can not edit all the moments displayed in the app.	There are two different types of moments: 1. KNX scenes: Created in ETS or eConfigure. They are linked to the scenes widget in the Touch visualization. They are displayed in the app with no icon and no edit options. 2. W4K scenes: Created in the Wiser for KNX controller using the **Configurator**. The mapping exists only between scene actions and KNX group objects. The logic is evaluated in the controller. They are displayed in the app with no icon and no edit options. They can be hidden in the mobile app by clicking the Home icon on the **Moments** screen. 3. Moments: You create them in the app, and you can assign icons and edit them anytime from the mobile app.

Automations

What is the difference between moments and automations?	Moments are similar to scenes and are triggered manually. Automations are actions triggered based on conditions like time, weather, or a device status change.
What are some examples of automations I can set up at home?	You can open your blinds at sunrise and close them at sunset. This way, closing, and opening automatically adapt during the year. (If done through schedules, the opening and closing are based on a fixed time). You can set the lights to turn on when the garden motion sensor detects motion ONLY during weekdays or weekends during a specific period. If you have a weather station at home, you can set the automation so that if the wind speed is above a certain threshold, your blinds open to prevent them from being damaged by strong winds.
Why don't I see the Automations feature in my mobile app?	First, you need to install the Automations plugin in the controller. This plugin is available in the controller's Marketplace. Before installation, enable automatic updates to ensure you always have the latest version of the Automations plugin.

Weather panel

Where is the weather information coming from?	An Internet service provider provides weather information by default once you have defined the address where your controller is located.
How can I hide the weather information from the Home screen?	If you don't want to see the weather information on the Home screen, you can hide it in the settings.
I have a weather station in my home. Can I use its weather information instead?	Yes. By default, the weather information from the Internet service provider is shown, but if you have a weather station in your home with its widget in Touch, you can always choose to use its information instead. To do so, you have to go to **Settings** > **Home screen** > **Weather Panel** > check **Show Weather panel** > check **Use weather station information** > select your weather station > tap **Save**.

Message Center

What is the Message Center for?	The **Message Center** is where you will see the notifications that the platform has sent you, regarding changes in the status of devices, alarms, or other notifications about the platform, like new firmware availability, etc.
Do all notifications in the **Message Center** trigger a push notification?	Yes. You can always define which type of notifications you would like to receive.
Can I select which notifications I can receive?	Yes, in **Settings** > **Account** > **Notifications**, you can define which devices and in which cases they should trigger a notification. For instance, if you have multiple motion sensors, you can enable notifications for all of them or only for selected ones. Furthermore, you can customize your notification preferences for automations. For each automation you wish to receive notifications from, simply include the action *send a notification*.
Why can I only see one notification per device?	In the **Message Center**, only the last notifications of each device are displayed. If a new notification for the same device arrives, it overwrites the previous one (you will see the time stamp for the latest one). You can delete notifications by swiping them from right to left.
If I have more than one controller associated with my account, can I receive notifications for both controllers?	Yes, you can decide which homes you want to receive notifications for. If you receive more than one, you can filter and see the notifications for each home in the **Message Center**.

Home Management

Can I access different Homes from the same account?	The **Home Management** feature lets you link a second Home to one account.
I have a new device, and/or I want a family member to have access.	With **Home management**, you can expand your control by adding a secondary controller to your main account. Additionally, you can invite other users to access your controller. Please visit the Home management, page 77 section for more info.
Do I need to share my account with my family members, or can each have their account?	With **Home Management**, you can expand your control by adding a secondary controller to your main account. Additionally, you can invite other users to access your controller. For instance, each family member can set up their account. Once this is done, you can add their respective email addresses associated with these accounts, granting them access to your installation. Furthermore, you can customize access permissions for specific rooms and, if necessary, restrict their access until a specific date.

Energy

Why can´t I see the **Energy** tab in my mobile app?	You need to have the **Energy** plugin (available for download in the Wiser for KNX controller marketplace) installed and configured first. You have to set up at least one device to measure the energy from the Grid and at least one more load. Even if the above is done, and you still do not see the **Energy** section, refresh the controller location. To do so, go to **Settings** > **Home Management**, select your Home > tap **Home Address** > edit your home address. Tap the target icon at the bottom right of the map to get a precise location and save the changes.
I have photovoltaic at home, and my inverter does not seem to be supported.	We currently support Kostal and Solax, but we will add others periodically. If you have advanced knowledge of Modbus registers, you can map the required objects to your controller and connect other Modbus inverters, too.
I can not see the cost associated with my energy consumption.	You need to set up your tariff first. Go to **Settings** >**Tariffs** and select your tariff. Enter the details of your current contract and save changes.
Which EV chargers are supported?	Currently, the app supports Schneider's EVlink Pro AC in the **Charge Now** mode. We will soon enable support for the "Scheduling feature" and also support for Schneider's existing EVlink G4 charger. In the future, others might be supported too.

Licence Information

Tool	Type of Licence	Author
axios	MIT	Matt Zabriskie
buffer	MIT	Feross Aboukhadijeh
colorsys	ISC	
d3	ISC	Mike Bostock
emoji-regex	MIT	Mathias Bynens
graphemer	MIT	Matt Davies
i18next	MIT	Jan Mühlemann
immer	MIT	Michel Weststrate
intl-pluralrules	ISC	Eemeli Aro
jail-monkey	MIT	Gant Laborde
license-checker	BSD-3-Clause	Dav Glass
lodash	MIT	John-David Dalton
moment	MIT	Iskren Ivov Chernev
moment-duration-format	MIT	
moment-timezone	MIT	Tim Wood
native-base	MIT	
react	MIT	
react-i18next	MIT	Jan Mühlemann
react-keycloak/native	MIT	IronTony
react-native	MIT	
react-native-animated-pagination-dots	MIT	Sanjaajamts Munkhbold
react-native-async-storage/async-storage	MIT	Krzysztof Borowy
react-native-blob-util	MIT	RonRadtke
react-native-camera-kit	MIT	
react-native-collapsible-tab-view	MIT	Pedro Bern
react-native-community/netinfo	MIT	Matt Oakes
react-native-draggable-flatlist	MIT	Daniel Merrill
react-native-elevation	MIT	
react-native-exception-handler	MIT	a7ul
react-native-exit-app	MIT	Wumke
react-native-firebase/analytics	Apache-2.0	Invertase
react-native-firebase/app	Apache-2.0	Invertase
react-native-geocoding	MIT	
react-native-geolocation-service	MIT	Iftekhar Rifat
react-native-gesture-handler	MIT	Krzysztof Magiera
react-native-google-places-autocomplete	MIT	Farid from Safi
react-native-inappbrowser-reborn	MIT	Juan David Nicholls Cardona
react-native-linear-gradient	MIT	Brent Vatne
react-native-maps	MIT	Leland Richardson
react-native-modal-selector	MIT	Daniel Korger

Tool	Type of Licence	Author
react-native-onesignal	MIT	OneSignal
react-native-pager-view	MIT	troZee
react-native-paper	MIT	
react-native-permissions	MIT	Mathieu Acthernoene
react-native-picker/picker	MIT	
react-native-places-input	MIT	Kamil Thomas
react-native-reanimated	MIT	Krzysztof Magiera
react-native-restart	MIT	Avishay Bar
react-native-root-toast	MIT	
react-native-safe-area-context	MIT	Janic Duplessis
react-native-screens	MIT	Krzysztof Magiera
react-native-sha256	MIT	Hagen Huebel
react-native-svg	MIT	
react-native-swipe-gestures	MIT	Goran Lepur
react-native-swipe-list-view	MIT	Jesse Sessler
react-native-swipeable-item	MIT	Daniel Merrill
react-native-uuid	MIT	Eugene Hauptmann
react-native-vector-icons	MIT	Joel Arvidsson
react-native-wheel-picker-android	MIT	Artem Kosiakevych
react-native-zeroconf	MIT	Balthazar Gronon
react-navigation/bottom-tabs	MIT	
react-navigation/core	MIT	
react-navigation/drawer	MIT	
react-navigation/material-bottom-tabs	MIT	
react-navigation/native	MIT	
react-navigation/stack	MIT	
react-redux	MIT	Dan Abramov
redux	MIT	
redux-deep-persist	MIT	Piotr Kujawa
redux-persist	MIT	
redux-scope	MIT	Ilijan Kotarac
redux-thunk	MIT	Dan Abramov
reduxjs/toolkit	MIT	Mark Erikson
reselect	MIT	
sockjs-client	MIT	Bryce Kahle
stomp/stompjs	Apache-2.0	deepak@kreatio.com
text-encoding	Unlicense OR Apache-2.0	Joshua Bell
use-debounce	MIT	Nikita Mostovoy

Schneider Electric
35 rue Joseph Monier
92500 Rueil Malmaison
France

+ 33 (0) 1 41 29 70 00

www.se.com

2503_Wiser_KNX_SW_07.0