Wiser™

Smart and Sustainable Homes
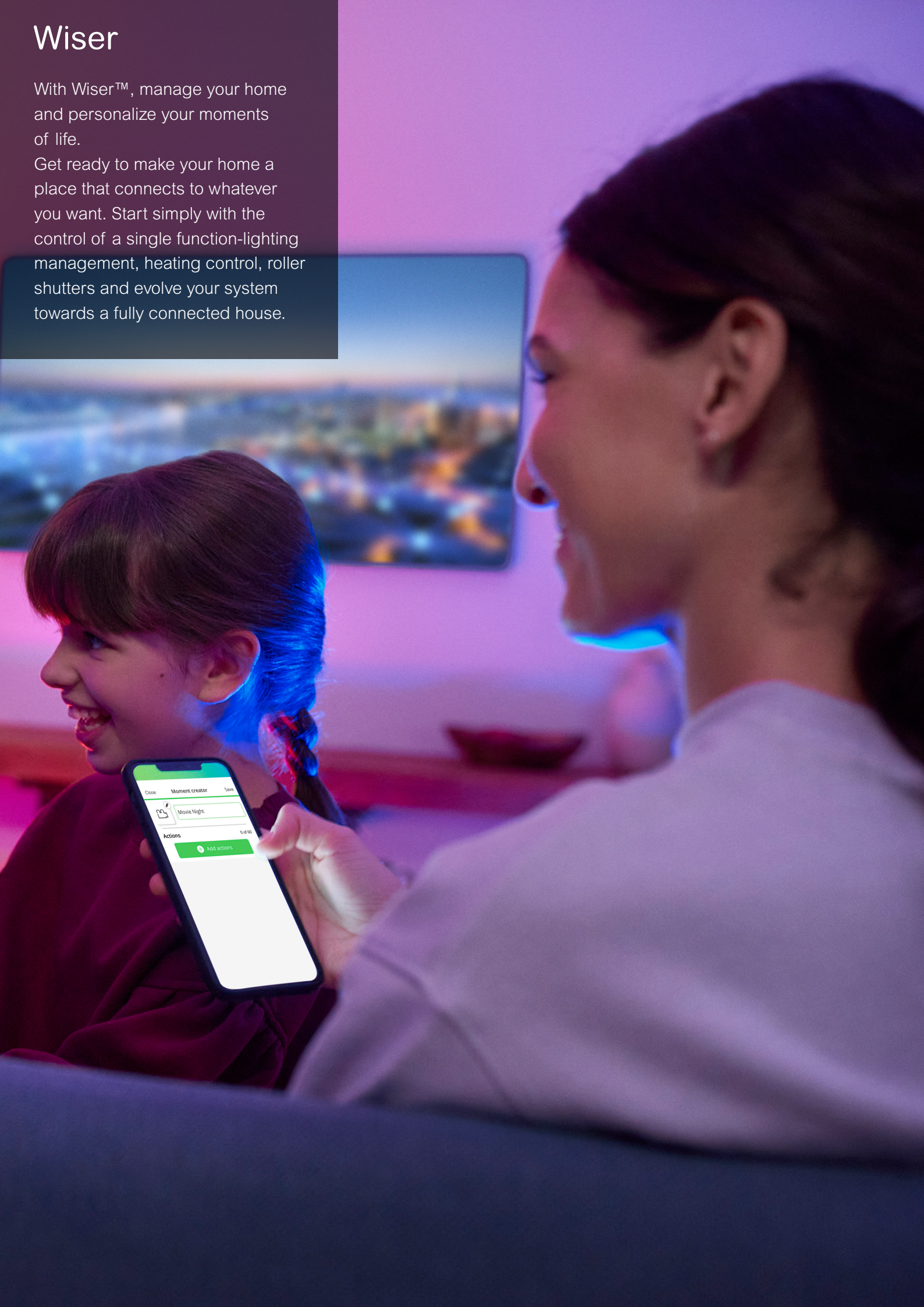## Catalog 2024

se.com/wiser

Life Is On | Schneider Electric

Wiser

With Wiser™, manage your home and personalize your moments of life.
Get ready to make your home a place that connects to whatever you want. Start simply with the control of a single function-lighting management, heating control, roller shutters and evolve your system towards a fully connected house.

Content

Wiser™

eSetup app to Commission Wiser

eSetup is a multifunction tool for installers.
The eSetup app works on Android and iOS.
With eSetup, learn in demo mode and then configure the Wiser system with step-by-step instructions. The installation can then be tested in detail before being delivered to the customer.

Download
eSetup
for Electrician App

eSetup for electrician app - designed for commissioning Wiser devices for electricians

eSetup is a free,
dedicated commissioning app for electricians.
The eSetup app is tailored for the electrician's specific environment of work to make the commissioning as simple and as easy as possible:

No internet

No end user account

Other features of the eSetup app:

- Simple interface, in-app guidance and support
- Complete Wiser installation possible in demo mode with device simulations
- Test the devices
- Generate a commissioning report and share it with your customers
- Template-save a configuration and reuse later (time saving)
- Add devices directly by scanning the commercial reference of the device
- Call Schneider Electric support
- Choose your preferred language no matter your country

Download the eSetup app

Step by step configuration
Connect your Wiser devices to the mains, open the eSetup app and let it guide you through the configuration process.
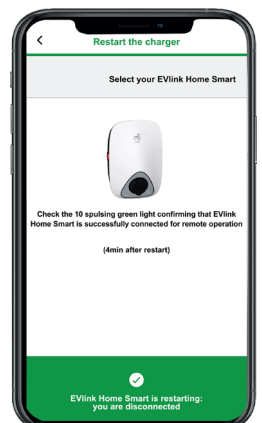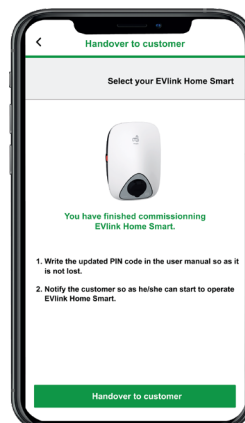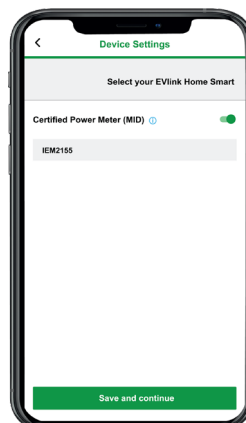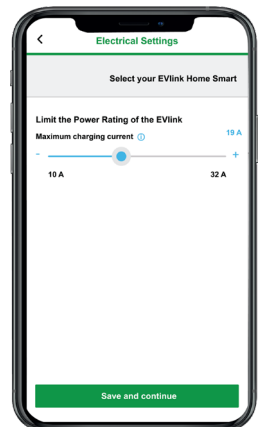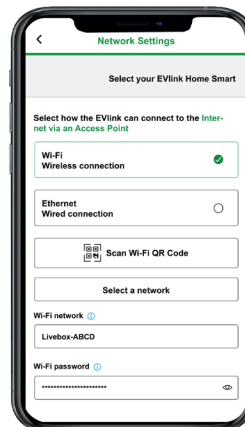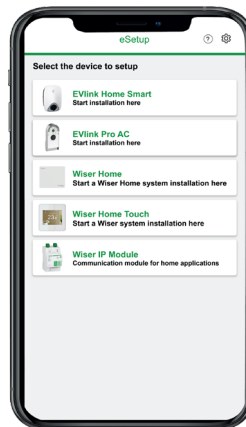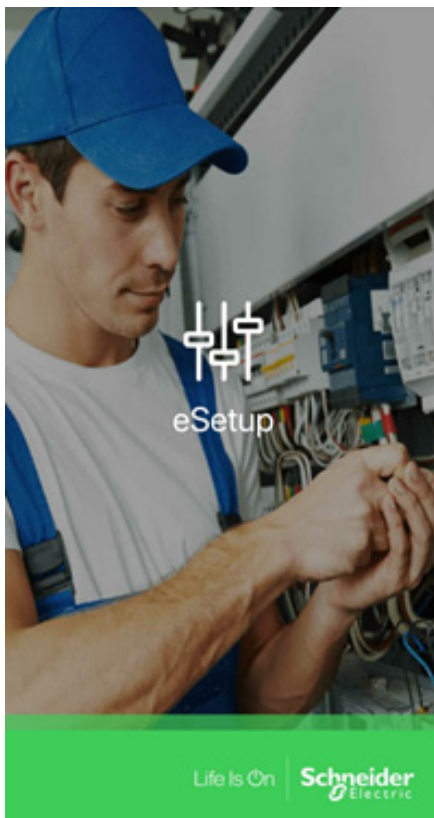
Wiser Device

Wiser Hubs and Home App

virtual assistantThe Wiser™ Hubs provide a Wi-Fi® and internet connection to Wiser devices. They host and execute the Wiser Home app.

The Wiser Home app allows you to control, wherever you are, all the connected devices with a smartphone or a tablet. The app is also compatible with the latest technologies such as Amazon's Alexa or Google Assistants and with our Odace and New Unica switches. Your smartphone or tablet then becomes the energy dashboard for your home.

Wiser™

Wiser Home App

Download
Wiser Home app
Schneider Electric's connected technology for homes

Wiser Home App – designed for commissioning and controlling Wiser Home devices
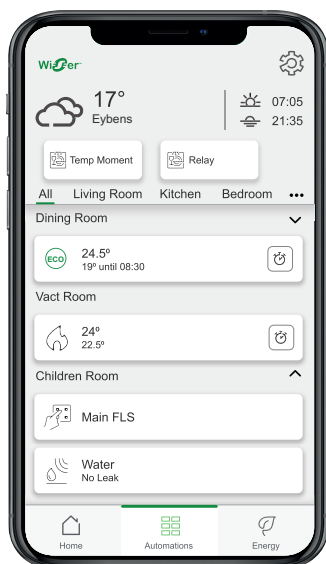
Example of control panel

Commissioning

- Wiser component pairing and configuration
- Wiser functions selection
- Time scheduling configuration
- Diagnostics
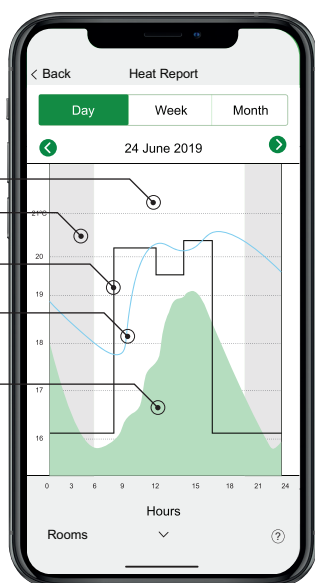
Example of Heat report

Day time
Night time
Temperature setting
Room temperature
Outside temperature

Daily use

- Home dashboard with the display of device status, temperature
- Away mode
- Scheduling
- Manual control ON/OFF of lighting, shutters, and heating boost
- Scheduling override
- Modification of scheduling
- Weather update notifications
- Activity tracking
- Energy reports
- Heat reports

DOWNLOAD OF WISER HOME APP FOR ANDROID AND IOS BASED SMARTPHONES

Click or scan the QR code

GET IT ON Google Play
Download Wiser for Android

Click or scan the QR code

Available on the App Store
Download Wiser for iOS

Download
Wiser Home app
Schneider Electric's connected technology for homes

Wiser Hub
Communication Hub

Hub 2nd Generation

CCT501801

CCT501800-0001

Description | Commercial ref.

Wiser Hub 2nd Generation | **CCT501801**

Wall Box Power Supply | **CCT501800-0001**

Features

Control and communication
- 2nd generation Wiser Hub
- Powerful and future-proof
- Global compatibility for new build and retrofit
- Expandable for future needs
- Communication interfaces: Wi-Fi®, ZigBee
- Supports table-top installations as well as surface-mount and wall box mounting

- Simple user interface – one button, one LED
- Cyber Secure by design through a Crypto-authentication chip

Characteristics

- Input voltage: 100 - 240 V AC, 50/60 Hz, 0.5 A max.
- Rated voltage: 5.0 VDC
- Load: 5 W
- Standby: 1 W
- Operating temperature: 0 °C to 45 °C, indoor use only
- Storage temperature: -20 °C to 65 °C
- Relative humidity: 10 % to 90 %, non-condensing
- IP rating: IP20
- Pollution degree: 2
- Software class: A

- Radio technology: Wi-Fi®: 2.4 GHz, IEEE802.11 b/g/n
  Zigbee: 2.4 GHz, IEEE802.15.4
- Radio frequency: Wi-Fi® : 2412 - 2472 MHz
  Zigbee: 2405 - 2480 MHz
- Max. radio frequency power transmitted: Zigbee: +12 dBm (16 mW)
  Wi-Fi®: +17 dBm (50 mW)
- Certification: Zigbee

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

Wiser Hub
Communication Hub

Hub with 2 A Relay

CCTFR6311

Description

Wiser HubR

Commercial ref.

CCTFR6311

Features

Control and communication
- Application controller for the connected Wiser devices at your home
- Saves the user preferences
- Controlled through the Wiser Home app
- Direct boiler or heat pump with ON/OFF button
- Compatible with iOS and Android mobile devices
- Compatible with voice assistants like Google and Alexa
- Automatic firmware updates

Applications
- Heating: Boiler Control, Wiser Room Thermostat, Radiator Thermostats, 16 A Relays, Underfloor Heating Connection Strips
- Roller shutters and blinds: Wiser Blind Control Switches (Unica or Odace design), Wiser Micro Modules Shades Control
- Lighting: Wiser Dimmers (Unica or Odace design), Wiser LED Dimmers, Wiser Micro Module Dimmers, Wiser Micro Module Light Switches
- Others: Wiser Relay Switch 10 A (Unica or Odace design), Wiser Smart Plug

Characteristics

- Power supply: 230 V AC ±10 % – 50 Hz
- Switch rating: 2 A (resistive load), 1 A (inductive load) under 230 V AC
- Set-point rage: 5 °C to 30 °C
- Control accuracy:
  – with Room Thermostat <0.6 °C at 4 °C/hour
  – with Radiator Thermostat <0.8 °C at 4 °C/hour
- Timing resolution: 1 minute
- Temperature resolution: 0.5 °C
- Ambient humidity (non-condensing):
  – Operating: 25 % to 90 %,
  – Storage: 15 % to 95 %
- Operating temperature: 0 °C to 45 °C

- Storage temperature: -10 °C to 55 °C
- Radio technology/frequency: Zigbee 2.4 GHz (bi-directional, Mesh)
- Radio signal range: up to 30 m (open field)
- Max. radio frequency power: +17 dBm (50 mW)
- Ingress protection: IP30
- Pollution degree: 2
- Software class: A
- Mounting: on industry standard wall plate
- Dimensions (W × H × D): 148 × 93 × 31 mm
- Colour: White (RAL 9016)

Wiring diagram to boiler

HubR

230 V
50 Hz
3 A

COM OFF ON

Boiler control inputs

External wiring: to main power supply and boiler

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

Download
Wiser Home app
Schneider Electric's connected
technology for homes

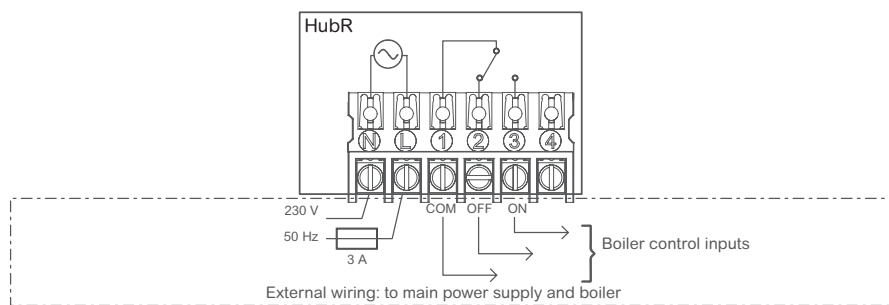Available on the **App Store** GET IT ON **Google Play**

Wiser Hub
Communication Hub

Hub with 2 A Relay 2nd Generation

CCTFR6311G2

Description	Commercial ref.
Wiser HubR 2nd Generation	**CCTFR6311G2**

Features

Control and communication
- Application controller for the connected Wiser devices at your home
- Saves user preferences
- Controlled through Wiser Home app
- Direct boiler or heat pump control with ON/OFF button or using the OpenTherm (R) protocol with Standard HubR 2nd Generation
- Compatible with iOS and Android mobile devices
- Compatible with voice assistants
- Automatic firmware updates

Applications
- Heating: Boiler Control, Wiser Room Thermostat, Radiator Thermostats, 16 A Relays, Underfloor Heating Connection Strips
- Roller Shutters and Blinds: Wiser Blind Control Switches (Unica or Odace design), Wiser Micro Modules Shades Control
- Lighting: Wiser Dimmers (Unica or Odace design), Wiser LED Dimmers, Wiser Micro Module Dimmers, Wiser Micro Module Light Switches
- Others: Wiser Relay Switch 10 A (Unica or Odace design), Wiser Smart Plug
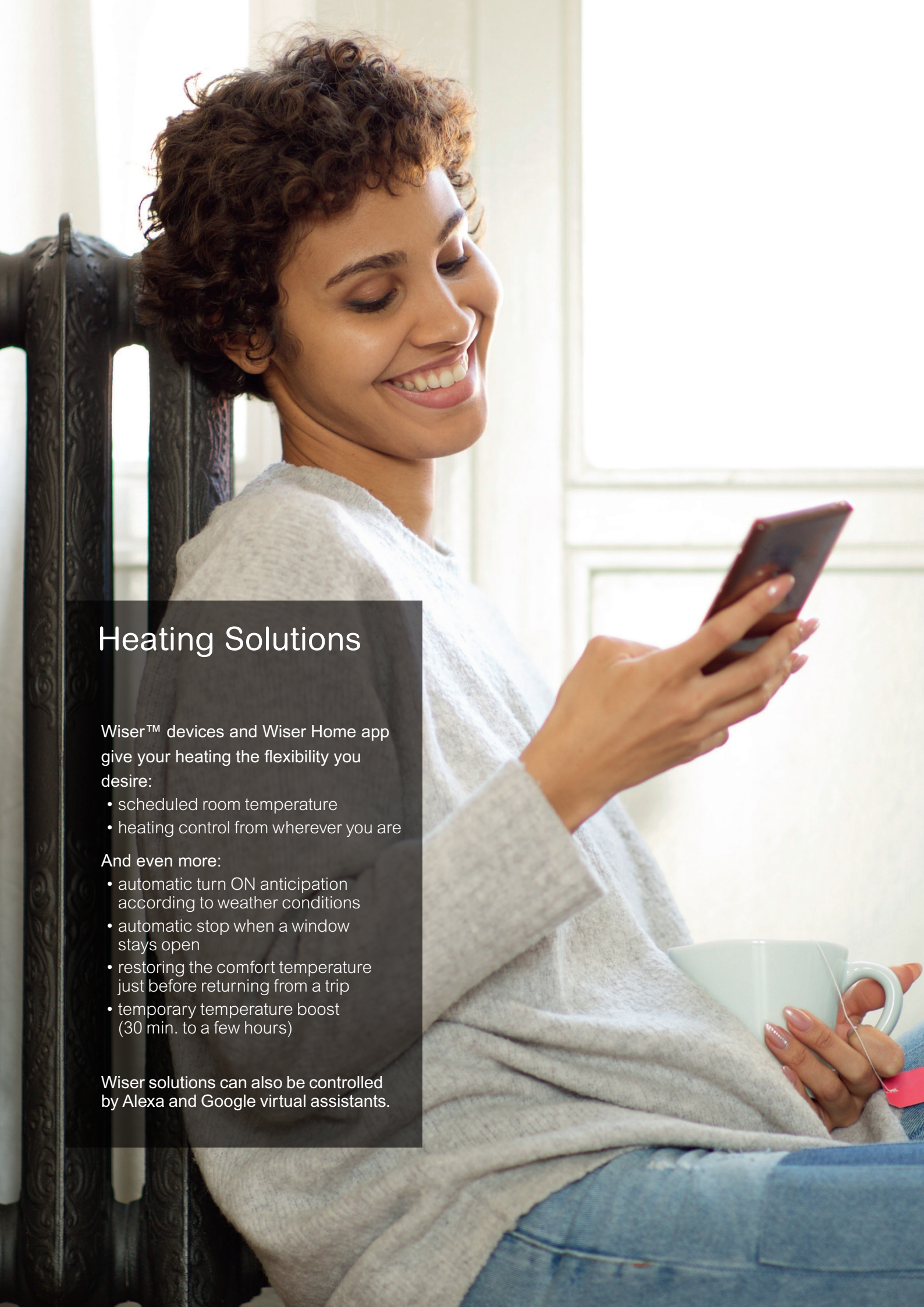
Characteristics

- Power supply: 230 V AC ±10 % – 50 Hz
- Rated impulse voltage: 2.5 kV
- Switch rating: 2 A (resistive load), 1 A (inductive load) under 230 V AC
- Power consumption: max. 6.2 W
- Set-point rage: 5 °C to 30 °C
- Control accuracy:
  - with Room Thermostat <0.6 °C at 4 °C/hour
  - with Radiator Thermostat <0.8 °C at 4 °C/hour
- Timing resolution: 1 minute
- Temperature resolution: 0.5 °C
- Ambient:
  - Operating temperature: 0 °C to 45 °C)
  - Operating humidity : 25 % to 90 % (non-condensing)

- Wi-Fi® standard: IEEE 802.11 b/g/n 2.4 GHz
- Wi-Fi® security: WPA-PSK/WPA2-PSK
- Max. radio-frequency power transmitted: +17 dBm (50 mW)
- Operating frequency: 2.405 GHz-2.48 GHz
- Ball pressure test: 75 °C
- Ingress protection: IP30
- Pollution degree: 2
- Software class: A
- Mounting:
  - on a flush-mounted box
  - on a flat surface
- Dimensions (W × H × D): 151 × 94 × 31 mm
- Colour: White (RAL 9016)
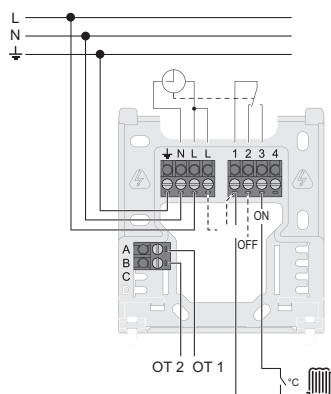
Wiring diagram

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

Heating Solutions

Wiser™ devices and Wiser Home app give your heating the flexibility you desire:
- scheduled room temperature
- heating control from wherever you are

And even more:
- automatic turn ON anticipation according to weather conditions
- automatic stop when a window stays open
- restoring the comfort temperature just before returning from a trip
- temporary temperature boost (30 min. to a few hours)

Wiser solutions can also be controlled by Alexa and Google virtual assistants.

Wiser solutions for heating

Wiser compatible heating systems
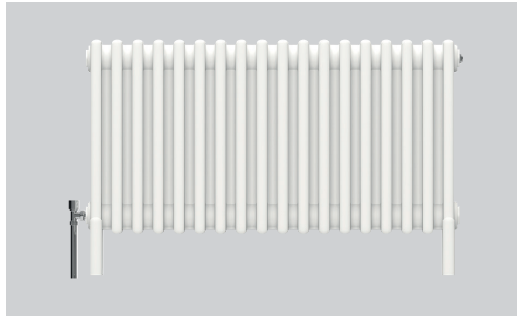
Water-based radiators

with heat provided by a collective boiler or district heating
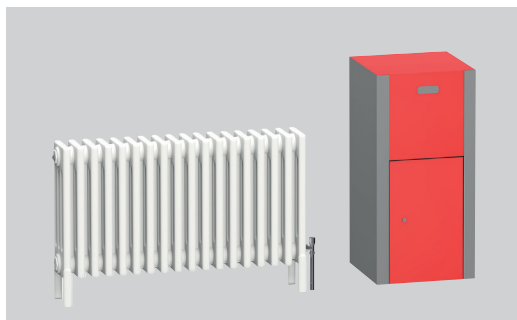
Hot water radiators + boiler, with heat

provided by individual boiler or heat pump
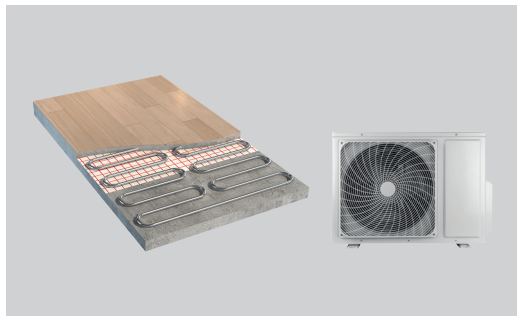
Water-based underfloor heating and cooling

with heat provided by heat pump or boiler, cooled water provided by heat pump

Wiser Device

Wiser solutions for heating

Wiser compatible heating systems

Wiser Device
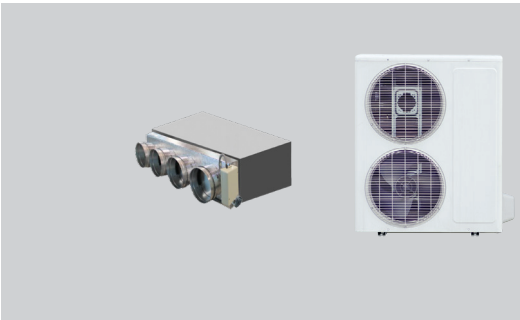
Managing air-conditioning in each room with supply plenums and heat pump
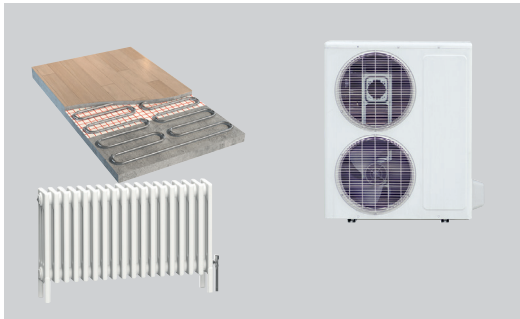
Water-based underfloor heating and radiators with heat provided by heat pump or boiler

Electric heating panels

Wiser solutions for heating
Radiator heating
Radiator temperature control

Wiser Hub 2nd Generation **ZigBee®**
Bidirectionnal Wireless communication

Wiser

WiFi

Small room with one radiator
Wiser Radiator Thermostat

Large room with multiple radiators and one room thermostat

20.5°

Wiser Room Thermostat
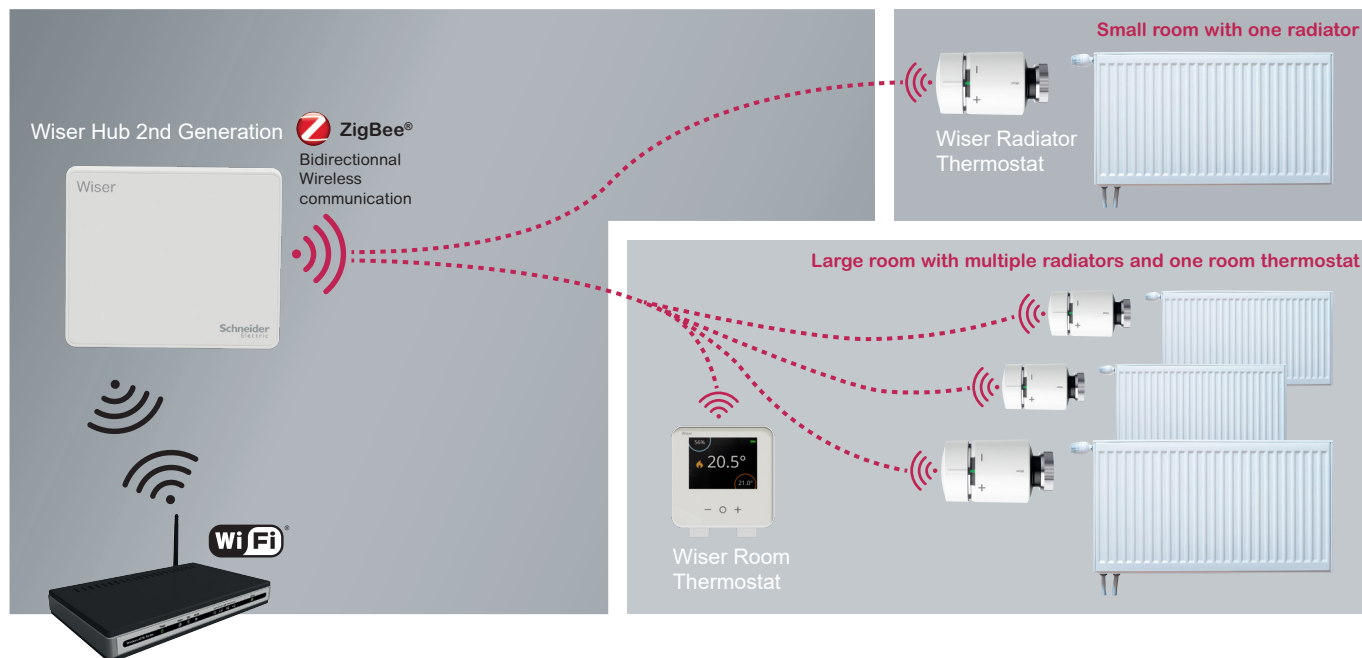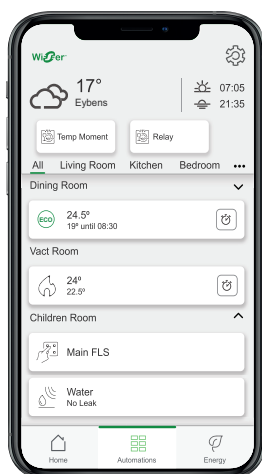
Wiser Home app

Improved comfort, possible savings with central heating

Temperature readings, setpoint and scheduling are easily accessible from the Wiser Home app.

This improvement project does not lead to complicated electrical or plumbing work if the existing valve is of thermostatic type.

The heat is provided by a collective boiler or district heating

Old radiator valve heads are replaced by Wiser Radiator Thermostats. An adapter may be needed to adapt to the existing thread diameter.

- **Room with a single radiator:** The Wiser Radiator Thermostat is controlled by Wiser Hub.

- **Room with several radiators:** The Wiser Radiator Thermostats are controlled by the Wiser Hub (temp. setting), the room temperature is provided collectively by a Wiser Room Thermostat in order to ensure a balanced comfort.

One Wiser Hub can manage a max. of 16 rooms with 1 Room Thermostat and 4 Radiator Thermostats per room. The number of Room Thermostats should not exceed 16, and the max. number of Radiator Thermostats should not exceed 32.

The twist cap on the Wiser Radiator Thermostat enables the user to temporarily override the central temperature setting.

The Wiser Hub is connected to the internet through a domestic internet box. It can also be controlled by Alexa and Google Home virtual assistants.

FUTURE ENRICHMENT
> The Hub-based configuration can be extended with one to ten 16 A Wiser Relays if another heating source of electric type is present.
> The control of other electric appliances is also possible by connecting their domestic plug to a Wiser Smart plug (13 A max.).

Wiser™

Wiser solutions for heating
Radiator heating with boiler
Boiler + radiator control

Wiser HubR 2nd Generation

ZigBee®
Bidirectionnal Wireless communication

Boiler

Wi Fi®

Small room with one radiator

Wiser Radiator Thermostat

Large room with multiple radiators and one room thermostat

20.5°

Wiser Room Thermostat
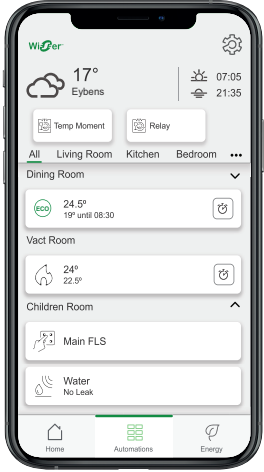
Improved comfort and energy saving with central heating

Wiser Home app

Temperature readings, setpoint schedule programming, hot water ON/OFF control are available on the Wiser Home app.

This improvement project does not involve complicated electrical or plumbing work if the existing valve is of thermostatic type.

The heat is provided by an individual boiler or a heat pump

Old radiator valves are replaced by Wiser Radiator Thermostats, an adapter may be needed to adapt to the existing thread diameter.

Wiser Radiator Thermostats are controlled by a Wiser Room Thermostat in the same room. The Wiser Room Thermostat collects the current temperature setting from the Wiser HubR, measures the room temperature and controls the opening/closing action of the radiator valves.

The knob on the Radiator Thermostat enables the user to temporarily override the central temperature setting.

The Wiser HubR is connected to the boiler (boiler must accept OpenTherm protocol) for ON/OFF control of 1 heating channel in replacement of the conventional programmable room thermostat.
The Wiser HubR is connected to the internet through a domestic box. It can also be controlled by Alexa and Google Home virtual assistants.

Wiser solutions for heating

Underfloor heating or cooling

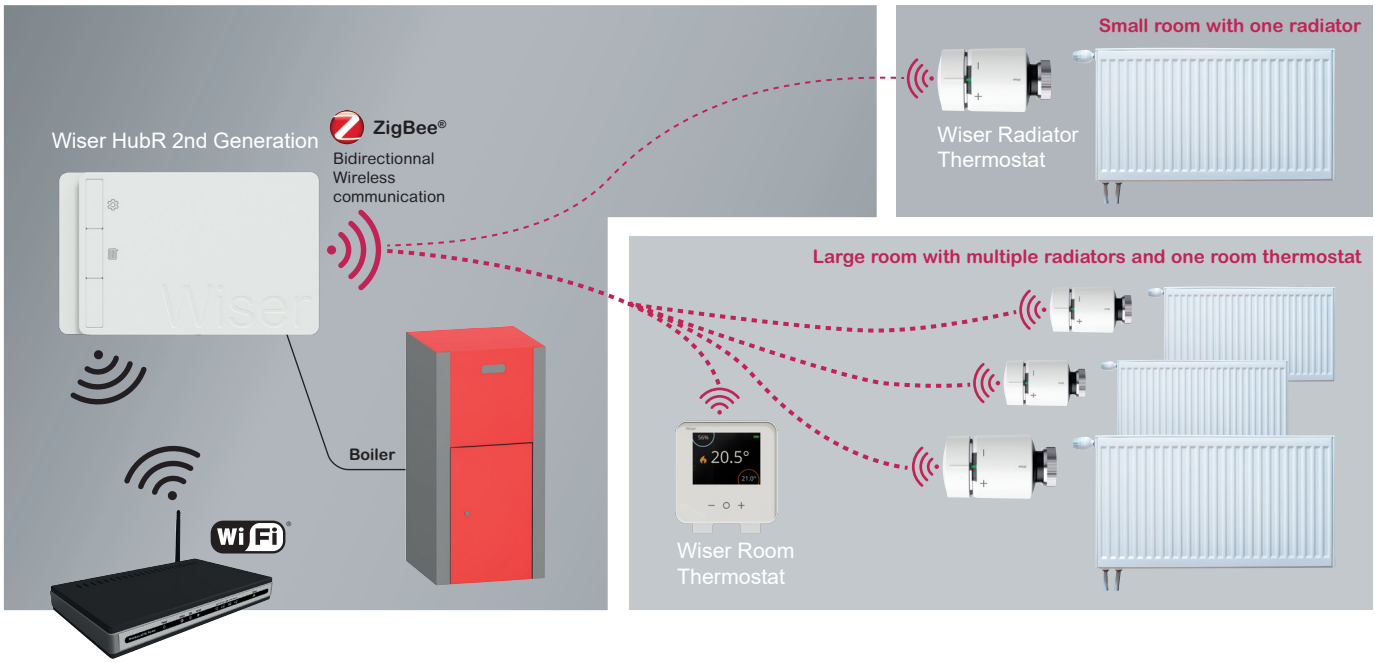# Control of underfloor heating manifold and heat pump

Wiser Device

Wiser Hub 2nd Generation

ZigBee®
Bidirectionnal Wireless communication

Room

20.5°

Room with 2 underfloor heatings and one thermostat

20.5°

Room with one underfloor heating and one thermostat

20.5°

Wiser Room Thermostat

Wiser Underfloor Heating Connection Strip

Electro thermic actuators control   1 2 3 4

Entry

Return

To floor temperature and humidity sensors

To heat pump, circulator pump control circuit

Wi Fi

Simplified, connected, control of heating and cooling

Temperature readings, setpoint and scheduling are easily accessible from the Wiser Home app.

The Wiser Home app works both in heating and cooling conditions.

The heating can also be controlled by Alexa or Google Home virtual assistants.

The status of the communication between the Wiser devices is displayed.

This improvement project is only electrical, and does not lead to plumbing work.

A typical use case is that of heating and cooling provided by underfloor heating, hot and fresh water by a heat pump.

The Wiser Underfloor Heating (UFH) Connection Strip works as the control interface of the heating electro-thermic actuators. It is also the control interface of the heat pump.

The minimum and maximum internal floor temperature can be monitored by an optional sensor.

Condensation in cooling mode can be avoid with an optional dew sensor.

In each room, a Wiser Room Thermostat provides the temperature and the setting to the Wiser Hub.
This device generates the ON-OFF commands of each electro-thermic actuator and sends them to the Wiser UFH Connection Strip. The control of the electro-thermic actuators is then electrically ensured by the Wiser UFH Connection Strip.

The Heat/Cool status of the heat pump is monitored by the UFH connection strip in order to ensure a positive or negative logic of control of the electro-thermic actuators. 1 Wiser system can manage up to 3 Wiser UFH Connection Strips (max. 16 rooms/zones). 1 to n water loops in every room, with a max. of 16 rooms.
The Wiser UFH Connection Strip can manage up to 6 rooms/zones, its split connection block allows up to 14 electro-thermic actuators to be connected in parallel with the following arrangement:
• up to 4 actuators for 2 zones
• up to 2 actuators for 2 zones
• 1 single actuator for 2 zones

Note that the heat pump can be replaced by a boiler.
In such a case the Hot/Cold input will not be wired.

Wiser Home app

Wiser Device

Wiser solutions for heating

Underfloor and radiator heating – Hot water

Simplified, connected, control of heating

Wiser Underfloor Heating Connection Strip

To heat pump control circuits

Wiser HubR 2nd Generation

ZigBee®
Bidirectionnal Wireless communication

Electro thermal actuators control   1 2 3

Room with 2 underfloor heatings and one thermostat

20.5°

1 2 3

Hot

Cold

Heat exchanger

Room with one underfloor heating and one thermostat

20.5°

Heat pump control circuits

Wiser Room Thermostat

To floor temperature and humidity sensors

20.5°

Wiser Radiator Thermostat

Wi-Fi

Wiser Home app

Simplified, connected, control of heating

Temperature readings, setpoint and scheduling is available on the Wiser Home app.

The Wiser Home App works both in heating and cooling conditions.

The heating can also be controlled by Alexa or Google Home virtual Assistants.

The status of the communication between the Wiser devices is displayed.

This improvement project is only electrical, and does not involve plumbing work.

A typical use case is that of underfloor heating combined to radiators, hot water provided by a heat pump.

The Wiser Underfloor Heating (UFH) Connection Strip works as the control interface of the heating electrothermal actuators. It is also the control interface of the heat pump.

The minimum and maximum internal floor temperature can be monitored by an optional sensor, condensation in cooling mode can be avoided with an optional dew sensor.

In each room, a Wiser Room Thermostat provides the temperature and the setting to the Wiser HubR.
This device generates the ON-OFF commands of each electrothermal actuator and sends them to the Wiser UFH Connection Strip.
The control of the electrothermal actuators is then electrically ensured by the Wiser UFH connection link, as well as the control of the heat pump and heat exchanger.
The Wiser UFH connection link can manage up to 6 rooms/zones, its split connection block allows up to 14 electrothermal actuators to be connected in parallel with the following arrangement:

• up to 4 actuators for 2 zones

• up to 2 actuators for 2 zones

• 1 single actuator for 2 zones

The heat pump is activated by the HubR when the heat demand comes from the radiators.

Note that a heat exchanger ensures that the water at the right temperature is sent to the underfloor heating manifold.

Wiser solutions for heating
Room heating or cooling
Airzone - Air to air heat pump interfacing

Heat pump

Wiser Hub 2nd Generation

Wiser

Schneider

Small room

Airzone Thermostat

Large room

19°

Airzone Thermostat

Supply plenum
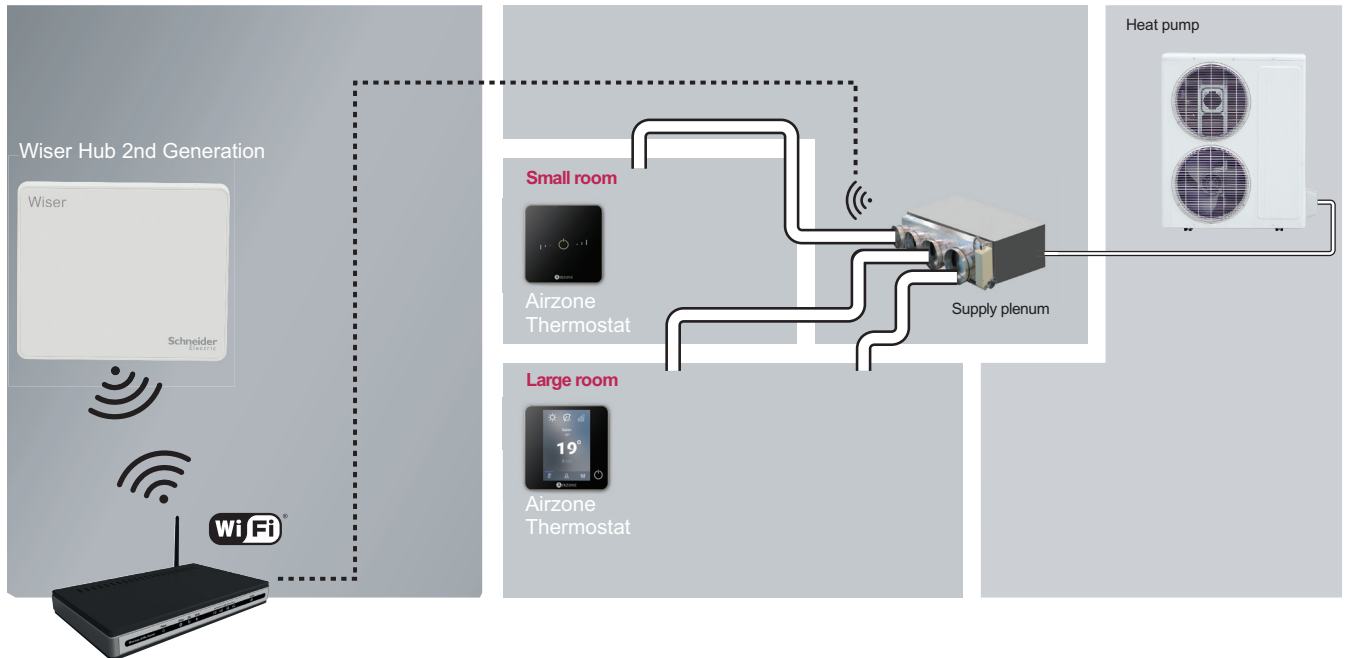
WiFi

Wiser Home app
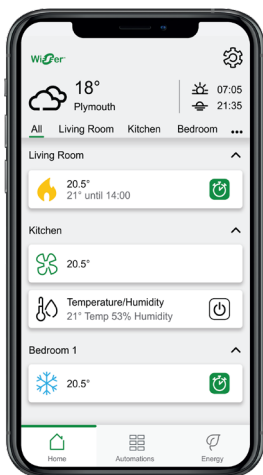
Airzone - Simplified, connected, and optimized way of room heating and cooling with air-conditioning with Air to Air Heat Pumps

Airzone is connected to Wiser via WiFi. No internet connection is required.

Temperature readings, setpoint and scheduling are easily accessible from the Wiser Home app.

The Wiser Home app works both in heating and cooling conditions.

Through the Wiser Home app, user can select the desired air-conditioning mode: heating, cooling, dry, fan, and OFF.

The user can also read out temperature per room from the Wiser Home app.

Control and distribution of hot/cool air zone by zone

Airzone is a global leader in Heat Pump zoning control systems, allowing to control heating and cooling in each room individually.

Airzone motorized plenum is an accessory for Air to Air heat pumps.

Through the Airzone interface, Wiser users can control the room heating and cooling using the Wiser Home app. It is always possible to control the room temperature using Airzone thermostats.

The motorized dampers in rooms control the airflow based on the room thermostat settings. The supply plenum regulates the heat pump based on the needs of the individual rooms.

Advantages of Airzone interfacing with Wiser:

• User can have a single interface for managing the smart home system.

• Wiser enables energy management system capabilities like optimizing AC according to energy tariffs and making the best use of energy produced by photovoltaic (PV) panels.

Note: For more detailed information on Airzone, Scan the QR code or follow the link: Airzone User Guide

Download
Wiser Home app
Schneider Electric's connected technology for homes

Wiser solutions for heating

Radiator heating – Electrical

Electric heating – panel temperature control

Wiser Hub 2nd Generation

Wiser

ZigBee®
Bidirectionnal
Wireless communication

Large room

Wiser Room Thermostat

20.5°

230 V
Pilot wire

Wiser 16 A Relay

230 V
230 V
230 V
230 V

Small room

Wiser Room Thermostat

20.5°

230 V

Power 230 V 16 A max.

Wiser 16 A Relay
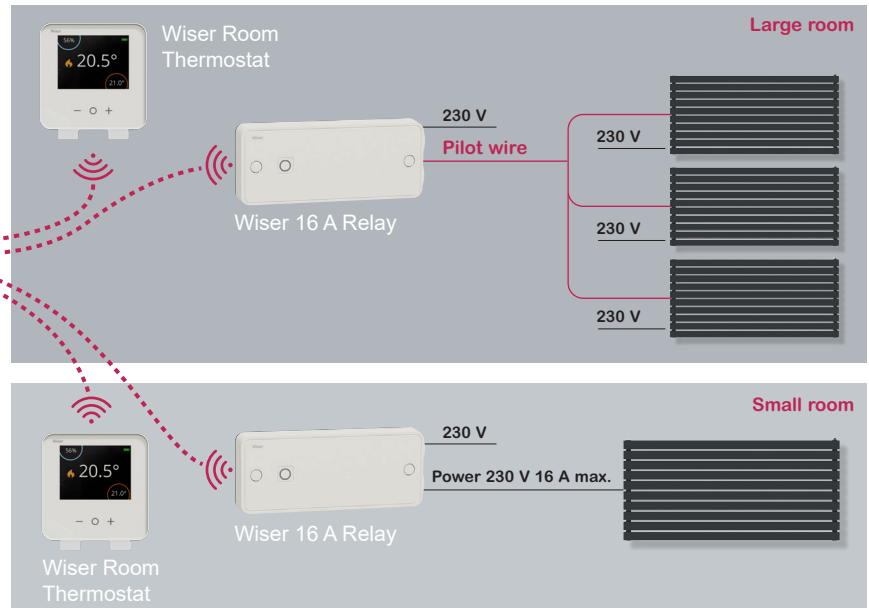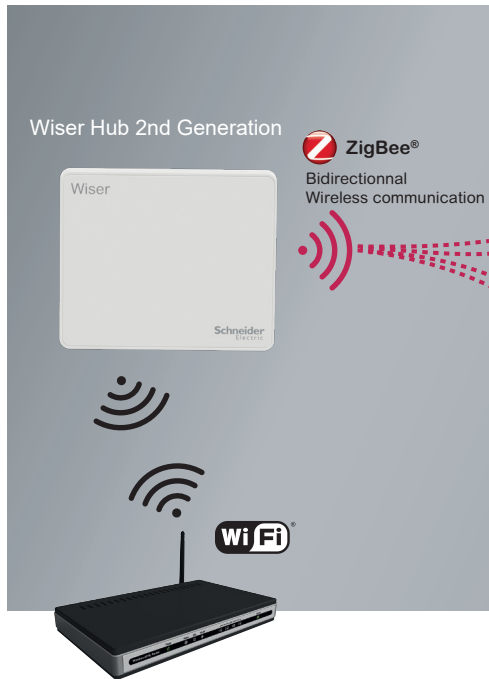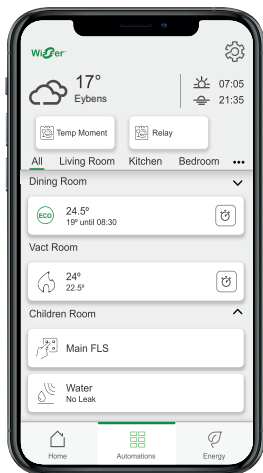
Wiser Home app

Improved comfort, possible savings with electric heating

Temperatures, setpoints and schedules are available on Wiser Home app.

Heating is provided by electric heating panels (possibly ceiling heating panel)

Embedded panel thermostats are set to the max. temperature, as the thermal regulation is ensured by the Wiser system.

The Wiser 16 A Relays are controlled by a Wiser Hub. The Wiser Room Thermostat collects and displays the room temperature then sends it to the Wiser Hub. It also provides access to the temperature settings and to a boost function.

Up to 32 Wiser heating components (Room Thermostat + 16 A Relay) can be associated with a Wiser Hub.

The 16 A Relays can control the electric panels either:

• through a pilot wire when the electric heat panel is equipped with a control input. Up to 6 heating panels can be controlled through one pilot wire.

• through the 230 V power line, up to 16 A (3 kW).

  This mode can be used also with ceiling heating panels.

The Wiser Hub is connected to the internet through a domestic box. It can also be controlled by Alexa and Google Home virtual assistants.

Wiser solutions for heating
Electrical Circuits Control

Download
Wiser Home app
Schneider Electric's connected
technology for homes

Available on the **App Store**

GET IT ON **Google Play**
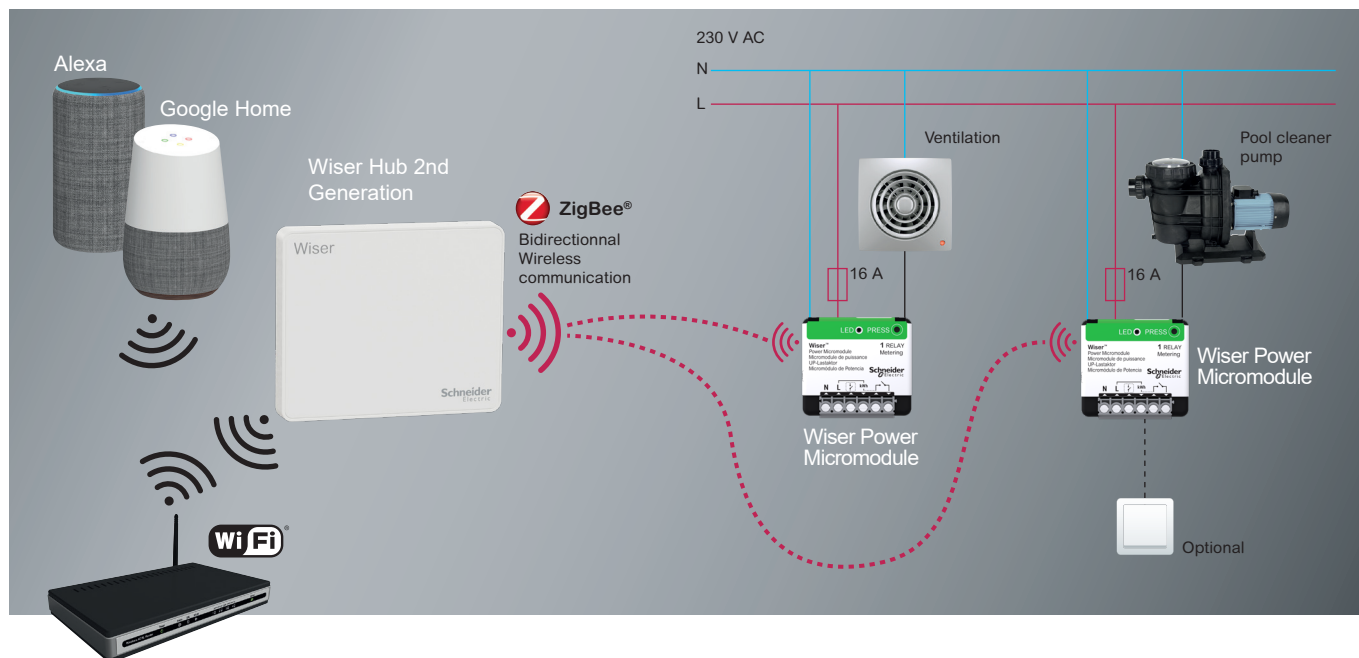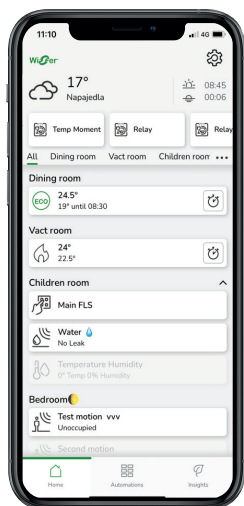
Improved home and garden preservation

Wiser Home app

Equipment control, status reading, and scheduling are easily accessible from the Wiser Home app.

This functions can be fitted to various electrically controlled equipment which are temporary and periodically used. They can provide economy and peace of mind because they are automatic.

Some common applications
Ventilation is a key factor of domestic hygiene

Constant circulation of air in the house helps to keep a sane atmosphere. It also eliminates excessive humidity, preventing moisture stains on walls and ceilings.

Time scheduling can avoid heat leaks during short specific periods (coldest hours of the night, for example).

Keeping pool water clean without having to think about it

The pool cleaner operates with pressurized water from a pump. The Wiser system can control the pump periodically, a manual control is also possible when the wind blows grass or pine needles into the water.

How it works
A short press on the Wiser Relay Switch provides ON-OFF control of a circuit. It also acts through the Wiser Hub to control according to a schedule or simply for remote action.

It can be equipped with additional mechanical push-buttons.

Wiser solutions for heating
Room Thermostat

Room Thermostat

CCTFR6400

CCTFR6401

Description

Wiser Room Thermostat

White
Black

Commercial ref.

CCTFR6400
CCTFR6401

Features

- Displays ambient temperature and current set temperature
- Displays relative humidity
- Displays heat requested
- Displays Boost active
- Displays battery status
- Displays weak RF signal
- Displays Thermostat locked
- ± set-up temperature modification by step of 0.5 °C, Boost (+2 °C) by 3 capacitive touch buttons
- Wireless Data exchange with Wiser Hub

Characteristics

- Power supply by 2 × 1.5 V IEC LR6 (AA) alkaline batteries
- 2 years of average expected battery autonomy (depending on battery capacity and condition of use)
- No wiring required
- Operating temperature: 0 °C to 45 °C
- Storage temperature: -10 °C to 55 °C
- Ambient humidity (non-condensing):
  - Operating: 25 % to 90 %,
  - Storage: 15 % to 95 %
- Set-point range: 5 °C to 30 °C
- Temperature resolution: 0.5 °C
- Display: 2.4" multi-colour LCD screen
- Radio technology/frequency: Zigbee 2.4 GHz (bi-directional, Mesh)
- Radio signal range: up to 30 m (open field)
- Max. radio frequency power: +13 dBm (20 mW)
- IP rating: IP20
- Pollution degree: 2
- Dimensions (W × H × D): 76 × 76 × 25 mm
- Colour: White (RAL 9016)

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

Wiser Device

Wiser solutions for heating
Radiator Thermostat

Wiser Device

Radiator Thermostat

CCTFR6100

CCTFR6101

Description		Commercial ref.
Wiser Radiator Thermostat	White	**CCTFR6100**
	Anthracite	**CCTFR6101**

Features

- Maintains the room temperature at the set value
- Radiator thermostat set up, valve calibration by twisting and maintaining the cap to + for 8 seconds
- Programming and setting via Wiser Home app
- The 3 LEDs (Red – Orange –Blue) are available to display the setup and operating status
- Boost mode (set-point +2 °C) during a programmed period, by twisting the cap to +
- Set-point −2 °C during a programmed period by twisting the cap to −
- No wiring required
- Wireless data exchange with Wiser Hub

Characteristics

- Power supply by 2 × 1.5 V IEC LR6 (AA) alkaline batteries
- 2 years of average expected battery autonomy (depending on battery capacity, condition of use)
- Operating temperature: 0 °C to 45 °C
- Storage temperature: -10 °C to 55 °C
- Ambient humidity (non-condensing):
  – Operating: 25 % to 90 %,
  – Storage: 15 % to 95 %
- Set-point range: 5 °C to 30 °C

- Temperature resolution: 0.5 °C
- Display: 2.4'' multi-colour LCD screen
- Radio technology/frequency: Zigbee 2.4 GHz (bi-directional, Mesh)
- Radio signal range: up to 30 m (open field)
- Max. radio frequency power: +13 dBm (20 mW)
- Ingress protection: IP30
- Pollution degree: 2
- Dimensions including an adapter (H × Ø): 93 × 51 mm
- Colour: White (RAL 9016)

Fixing adapters for iTRV Radiator Thermostat

Comap

Giacomini

Description	Commercial ref.
Comap: adapter for Wiser head (M 30 × 1.5) on Comap radiator valves (M 28 × 1.5)	**CCTFR6100**
Giacomini: adapter for Wiser head (M 30 × 1.5) on Giacomini radiator valves (diam 22.6 mm)	**CCTFR6100**

Note: 1 Danfoss RA adapter provided with Wiser Radiator Thermostat

For more detailed information, refer to the online system user guide. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

Wiser solutions for heating
Odace Design

Connected Thermostat 2 A

S520619   S530619   S540619

Description

Connected Thermostat 2 A

		Commercial ref.
	White	**S520619**
	Aluminium	**S530619**
	Anthracite	**S540619**

Features

The Connected Thermostat Insert 2 A is used to control water-based heating and cooling applications, such as water-based underfloor heating and radiator heating.
Note: The insert is not suitable for directly connecting electrical heating.
Control options
● Direct operation: The thermostat can always be controlled on-site
– Heat/cool change over (external)
– Universal input setback/presence (external)
– Heating and cooling mode
– Volt-free or live control, normally open or normally closed

Characteristics

● Nominal voltage: AC 230 V~, 50 Hz
● Maximum current rating: 2 A
● Connecting terminals: Screw Terminals for max. 2.5 mm², 0.5 Nm
● Neutral conductor: Required
● Operating temperature: 0 °C to 40 °C
● Relative humidity: max. 90 % non-condensing
● Temperature accuracy: max. ± 0.5 °C (accross the range of 4 °C to 30 °C)
● Temperature measurement resolution: max. 0.1 °C
● Display: 7 × 5 dot matrix, 3 additional LEDs
● Protection Class: II

● Working voltage: 230 V
● Over-voltage category: III
● Rated impulse voltage: 4 kV
● Pollution degree: 2
● CTI rating of insulation components: 175 V
● Material group: IIIa (based on CTI value)
● Disconnection type: 1.B
● Communication protocol: Zigbee 3.0 certified

Wiring diagram - Mounting

Connected Thermostat 2 A

Design Frame
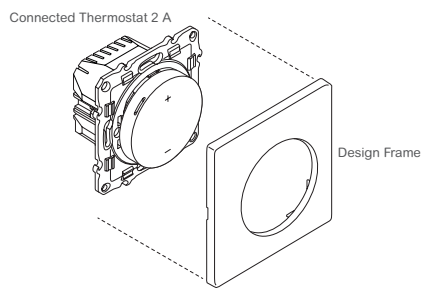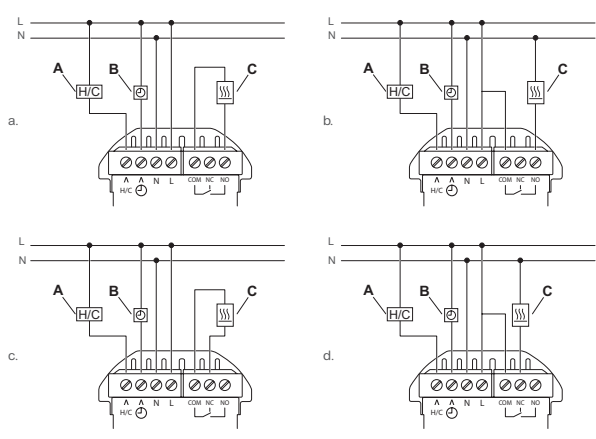
Wiring options:
a. Volt-free wiring. Normally open
b. Switch live wiring with L-COM jumper wire. Normally open
c. Volt-free wiring. Normally closed
d. Switch live wiring L-COM jumper wire. Normally closed

A Heating/Cooling input
B Input: setback/presence detection
C Output: max. 2 A resistive load

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

Wiser solutions for heating
Underfloor Heating Connection Strip

Wiser Device

Underfloor Heating Connection Strip

CCTFR6600

Description	Commercial ref.
Wiser Underfloor Heating Connection Strip (Heat/Cool)	**CCTFR6600**
	CCTFR6610
	CCTFR6620

Features

- ON/OFF control of electro thermic actuators: for regulating the heat provided by underfloor heating to a room
- ON/OFF control of a heat pump or a boiler: for directly controlling the production of hot or cold (reversible heat pump only) water for the heating
- ON/OFF control of the circulating pump: for controlling the flow of the heat transfer fluid in the heating pipes
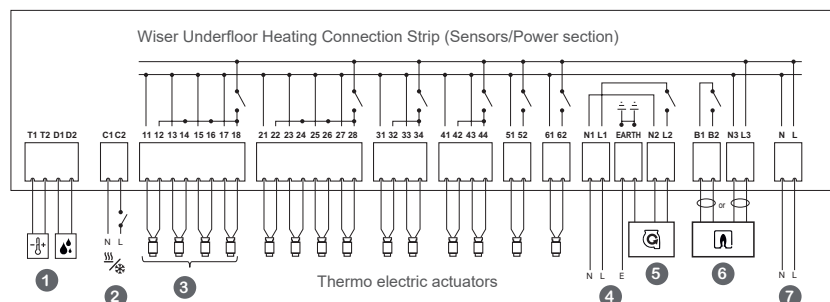
- Hot/Cold working mode monitoring of a reversible heat pump: for adapting the control logic of the electro-thermo actuators
- Environmental possible monitoring: temperature of the underfloor heating system to avoid overheating and freezing, humidity of the ambient air to avoid condensation on the floor in cooling mode
- Communication with Wiser Hub: wireless Zigbee communication via the external antenna (provided)
- Additional app functions (default setting: no functions active): coupling to other Wiser devices with help of the status LED

Characteristics

- Power supply: 230 V AC ±10 % – 50 Hz
- Zones and devices per system:
  – max. 3 connection strips per system
  – max. 6 zones per connection strip
  – max. 16 rooms in a system
  – one or several zone per room
- Ambient temperature:
  – Operating: 0 °C to 50 °C
  – Storage: -10 °C to 55 °C
- Ambient humidity (non-condensing):
  – Operating: 25 % to 90 %,
  – Storage: 15 % to 95 %
- Remote sensor temperature resolution: 1 °C
- Radio technology/frequency: Zigbee 2.4 GHz (Bi-directional, Mesh)
- Signal range: 30 m Free space
- Max. signal strength: 14 dBm (25 mW)
- Dimensions (L × H × D): 305 × 90 × 65 mm
- Pollution class: 2
- Energy class: IV = 2 %

- Software class: A
- Device fuse rating: 3, 15 A
- Display by LED for: setup, cooling, channel 1 to 6, Burner or boiler, circulator pump, 230 V
- Relays: normally open 2 A
- Capacity in 3 W actuators per zone:
  – zones 1 and 2:4 actuators
  – zones 3 and 4:2 actuators
  – zones 5 and 6:1 actuator
- Capacity in 3 W actuators per device: 14
- Rated surge voltage: 4 kV
- Terminals (green): Screwless for type Y 0.008-1.5 mm^2, AWG 16-28
- Protection class: II
- IP rating: IP30
- Antenna: External antenna (supplied)
- Automatic function: not applicable: the thermostat controls the temperature
- Earthing: Device is not earthed, double insulated.
  A terminal is provided for an external earth cable.

Wiring diagram - Mounting

1. Sensors
2. Heat pump working mode (230 V = Cold)
3. Channels of same zone/room
4. Circulator AC power supply
5. Circulator
6. Boiler or heat pump thermostat input
7. Connection strip AC power supply

Wiser Underfloor Heating Connection Strip (Sensors/Power section)

T1 T2 D1 D2   C1 C2   11 12 13 14 15 16 17 18   21 22 23 24 25 26 27 28   31 32 33 34   41 42 43 44   51 52   61 62   N1 L1   EARTH   N2 L2   B1 B2   N3 L3   N L

Thermo electric actuators

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

Wiser Device

Wiser solutions for heating
16 A Relay for Temperature Control

16 A Relay for Temperature Control

CCTFR6700

| Description	Commercial ref.
Wiser 16 A Relay for Temperature Control	**CCTFR6700**

Features

- Provides electric control of a heat panel when driven by a Wiser Room Thermostat
- Used for electric underfloor heating
- Control of heat panels via a controlled 230 V output (16 A max.)
- Control of 6 heat panels via pilot line (ON = 0 V, OFF = 230 V, Negative and half wave)
- Delivers power to the heating device to measure the energy consumption in real-time
- Simple thermostatic control
- Duty cycle thermostatic control
- Wireless Data exchange with RTR (Room Thermostat)

Characteristics

- Power supply: 230 V ±10 % – 50 Hz
- Rated impulse voltage: 4 kV
- Power consumption: 7.3 W (to be added to controlled heater consumption)
- Rated output current: 16 A (resistive load), 3 A (inductive load)
- Rated output current on pilot wire: 0.5 A max.
- Floor sensor types: NTC 10 k, 12 k, 15 k, 33 k, 47 k
- Operating temperature: 0 ° to 60 °C
- Storage temperature: -20 °C to 65 °C
- Ambient humidity (non-condensing):
  − Operating: 25 % to 90 %,
  − Storage: 15 % to 95 %
- Set-point range: 5 °C to 30 °C

- Temperature resolution: 0.5 °C
- Radio technology/frequency: Zigbee 2.4 GHz (bi-directional, Mesh)
- Radio signal range: up to 30 m (open field)
- Max. radio frequency power: +13 dBm (20 mW)
- IP rating: IP44
- Pollution degree: 2
- Dimensions (L × H × D): 162 × 67 × 30 mm
- Colour: White (RAL 9016)
- Applied standards: EN60730-1, EN60730-2-9, EN 300 328, EN 301 489-1
- Relevant directives: Radio Equipment Directives (RED) 2014/53/EU, RoHS directive 2011/65/EU and 2015/863/EU

Wiring diagram to electric heater
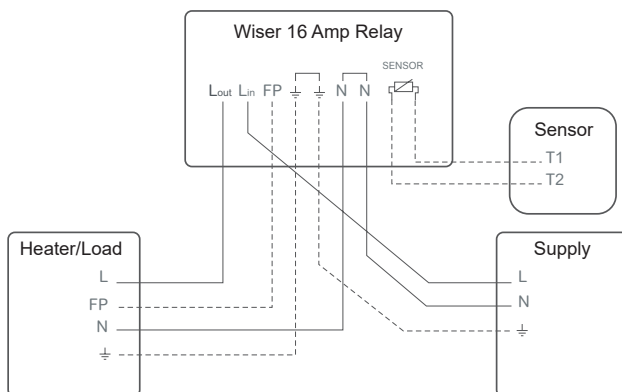
L : Live
N : Neutral
FP : Pilot wire
SENSOR : Sensor (future use)
In the case of electric underfloor heating, it is possible to connect a temperature floor sensor, enabling 2 features:
1) Keep the floor temperature low to avoid damaging it, as in the case of a wooden floor.
2) Avoid having the floor temperature too low to ensure comfort while walking barefoot.
Compatible floor sensors for electric underfloor heating:
- 33 kΩ Schneider Electric Reference MTN616790
- 33 kΩ Eberle Reference F193720
- 15 kΩ Devi Reference 140F1091
- 10 kΩ Elko Reference 5491605

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

Download
Wiser Home app
Schneider Electric's connected
technology for homes

Available on the **App Store**   GET IT ON **Google Play**

Wiser solutions for heating
Boiler Relay

Boiler Relay

CCTFR6001

Description	Commercial ref.
Wiser Boiler Relay	**CCTFR6001**

Features

- The Wiser Boiler Relay allows control of a domestic boiler in water based central heating applications.
- The Boiler Relay contains a 3 A relay that can be connected to a boiler directly or to auxiliary control equipment such as a motorised valve.
- The Boiler Relay wiring is connected to a wallplate that also serves to mount the product on the wall.
- The Boiler Relay also contains a digital boiler interface that can be used to provide direct control of the boiler demand (OpenTherm®).
- The Boiler Relay must be configured to use the Relay output or the OpenTherm® version. This can be done during setup in the Wiser app.
- Wireless data exchange with Hub 2nd Generation.

Note: The Wiser system currently supports OpenTherm® only in conjunction with a combi boiler. Storage tank hot water configurations are not supported.

Characteristics

- Mains voltage: AC 220-240 V, 50 Hz
- Switch rating: 2 (1) A, AC 230 V total load max. 2.5 A
- Wiring: Fixed wiring only
- User interface: 2x push button/LED
- Wired interfaces: 1x Relay output, 1x Digital boiler interface, 1x Wiser Boiler Relay power supply
- Radio technology/frequency: Zigbee 2.4 GHz (Bi-directional, Mesh)
- Maximum RF power transmitted: +17 dBm (50 mW)
- Radio signal range: 30 m (free space)
- Ambient temperature: 0 °C to 45 °C

- Storage temperature: -10 °C to 55 °C
- Without mains power: Display- LEDs OFF Interfaces- OFF
- Mounting: Industry standard wallplate
- Dimensions (W × H × D): 93 × 148 × 31 mm

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

Wiser Device

Wiser solutions for heating
Power Micro Module

Power Micromodule
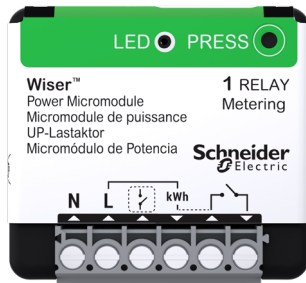
CCTFR6730

Description	Commercial ref.
Wiser Power Micromodule	**CCTFR6730**

Features

- The Power Micromodule intended for switching of loads such as a hot water tank or a socket outlet.
- It is used for load shedding or demand response and measure energy consumption using Wiser Home app.
- Up to 10 micro modules can be added in the same system.
- It can be automatic switched OFF in case of load shedding or demand response requests.
- The micro module is installed in a flush-mounted box behind a switch.

Control options:
- **Local ON/OFF control**: by one or unlimited number of push-buttons
- **Remote ON/OFF control**: via the Wiser Hub/HubR from a smartphone or tablet with the Wiser Home app

Functions:
Using the Wiser Home app, you can use functions, e.g.:
- Schedule ON/OFF during off-peak periods
- Check instant power when the module is ON
- Check energy consumption in currency and kWh
- View savings occured due to off peak automation
- Use micro module in moments or automation (for example: stop heating the water tank when you are on holidays)

Additional app functions (default setting: no functions active):
- Integration of the hot water tank in the power consumption metering
- Display of the energy consumption and load shedding if necessary

Characteristics

- Nominal voltage: 230 V AC, 50 Hz
- Switching capabilities: 230 V AC, 14 A
- Max. power: 3000 W, Integrated zero crossing
- Power consumption: < 1 W
- Frequency band: 2.4 GHz
- RF power transmitted: < 10 mW
- Connecting terminals: Screw terminals for max. 1 × 1 ... 2.5 mm² solid or stranded types
- Extension unit: Single push-button, unlimited number
- Operating element: Programming button, status LED
- Dimensions (H × W × D): 16.9 × 40 × 44 mm
- Communication protocol: Zigbee 3.0

- Load type max. power:
  - Incandescent lamp: 2200 W at 230 V
  - LED lamp: 200 W at 230 V
  - Motor (single-phase): 1180 VA at 230 V
  - Resistive load: 3000 W
  - Inductive load: 5 A, cos φ = 0.6
  - Capacitive load: 10 A, 25 µF
  - LV halogen lamps: 500 VA (wound transformer)

Wiring diagram - Mounting
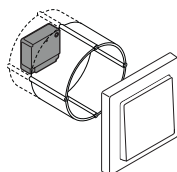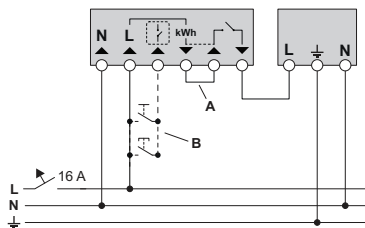
A : Shunt (pre-assembled)
B : Push button/switch (optional)

Note: The micro module can be controlled through an external connection (Push-button or switch). After the first start, the external connection must be pressed once to start the automatic detection.

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

Wiser solutions for heating
Micro Module for Fil Pilote Radiators

Micromodule for Fil Pilote Radiators

LED ● PRESS ●

Wiser™
Micromodule for Fil Pilote radiators
Micromodule chauffage électrique FIP

Schneider Electric

L   L⌇   FP   N   N⌇

THG_CCTFR6710

Description	Commercial ref.
Wiser Micromodule for Fil Pilote Radiators	**THG_CCTFR6710**

Features

- The Micromodule for Fil Pilote Radiators is intended for switching FIP compatible electric heaters.
- It is used for load shedding or demand response and measure energy consumption using Wiser Home app.
- Up to 4 micro modules can be added in the same system.
- It can be automatic switched OFF in case of load shedding or demand response requests.
- The micro module is mounted behind the grommet of the electrical heater.

Control options:
The following two fil pilote commands are used to control the electrical heaters:
- Comfort corresponds to ON
- Frost Protection corresponds to OFF

Functions:
Using the Wiser Home app, you can use functions, e.g.:
- Schedule temperature
- Check instant power when the module is ON
- Check energy consumption in currency and kWh
- View savings occured due to off peak automation
- Use module in moments or automation (for example: set desired temperature when you are on holidays)

Characteristics

- Nominal voltage: 230 V AC, 50 Hz
- Max. power: 16 A, 3680 W
- Power consumption: < 1 W
- Frequency band: 2.4 GHz
- RF power transmitted: < 10 mW
- Connecting terminals: Screw terminals for max. 1 × 1 ... 2.5 mm² solid or stranded types
- Dimensions (W × L × H): 40 × 44 × 16.9 mm
- Communication protocol: Zigbee 3.0 (certified)
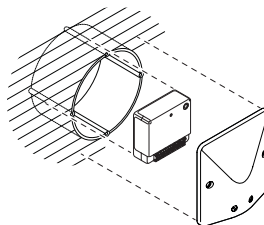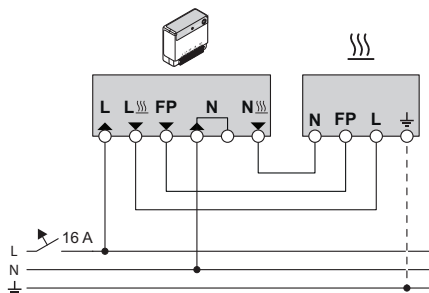
Wiring diagram - Mounting

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

Wiser Device

Wiser solutions for heating
Starter Kits

Wiser Device

Starter Kits

CCTFR6904

CCTFR6906G2

CCTFR6901

CCTFR6901G2

CCTFR6905FIPG2

Description		Commercial ref.
Wiser starter kit for hot water heating	Wiser Thermostat Kit One channel: 1 HubR + 1 Room thermostat + 2 Radiator Thermostats	**CCTFR6904**
	Wiser Radiator Starter Kit - 2nd Gen: 1 Hub - 2nd Generation + 2 Radiator Thermostats	**CCTFR6906G2**
Wiser starter kit for boiler control	Wiser Thermostat Kit: 1 Channel HubR + 1 Room Thermostat	**CCTFR6901**
	Wiser Thermostat Kit: 1 Channel HubR 2nd Generation + 1 Room Thermostat	**CCTFR6901G2**
Wiser electric heating starter kit with FIP micromodules	Wiser FIP Micromodule Kit: 1 Hub - 2nd Generation + 1 Room Thermostat + 2 Micromodule for Fil Pilote Radiators	**CCTFR6905FIPG2**

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

Lighting, Dimmer, and Shutter Controls

From the app, personalize the functions and lighting ambiances of your home depending your needs.
Control your lighting locally or remotely:
- turn down the lights gradually to fall asleep,
- program according to sunrise,
- prepare a subdued atmosphere when inviting friends at home, and when sunset comes, the light on the front door will turn ON automatically.

Wiser can also simulate a realistic presence when you're away. With the Wiser Home app, schedule the opening and closing of your shutters at defined periods.
Protect you against bad weather and sun by raising or lowering the shutters (20 % for instance).
Close shutters automatically when you are away.

For even more flexibility, use voice to control your system by Alexa or Google virtual assistants.

Wiser solutions for lighting

Lighting Technology Compatibility

Wiser Device

Incandescent, halogen lamps

Under 230 V AC,
14 to 200 W

Dimmable LED lamps

- Under 230 V AC
- With dimmer in RC
  dimming mode: 5 - 100 W
- With dimmer in RL
  dimming mode: 5 - 20 W

12 V halogen lamps

- With 230 V/12 V AC
  electronic (dimmable) or
  wound transformer
- Lamp power: 14 - 150 W

TECHNOLOGY

> It is the removal of part of the AC current phase that
allows the energy sent to the lamp to vary.
On common dimmers, this chopping can be done at
the beginning (RL) or at the end (RC) of the half wave,
depending on what is best suited to the type of lamp.

> Wiser dimmers detect automatically the type of lamp
and switch to either RC or RL mode. They have also
a specific RL-LED mode which can be manually
selected in the case LED lamps keep flickering.

Dimmers: RC, RL dimming mode

RL mode
for resistive, inductive load
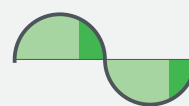
RC mode
for resistive, capacitive load

Wiser solutions for lighting

Electrical Circuits and Appliances Control

Hydraulic application circuits

Pressure booster pump, watering solenoid valve (through 230/24 V transformer), pool cleaner pump, when switched current does not exceed 10 A AC (cosφ 0.6 - 1)

Domestic ventilation circuits

Kitchen range hood, bath exhaust fan, mechanical extract ventilation unit, when switched current does not exceed 10 A AC (cosφ 0.6 - 1)

Household appliances

- Lamp, video, iron
- All appliances that are plugged in and need easier control for comfort or other reasons
- Appliance power must not exceed 3000 W AC

Wiser solutions for lighting
ON/OFF and Brightness Control

Download
Wiser Home app
Schneider Electric's connected technology for homes

Wiser

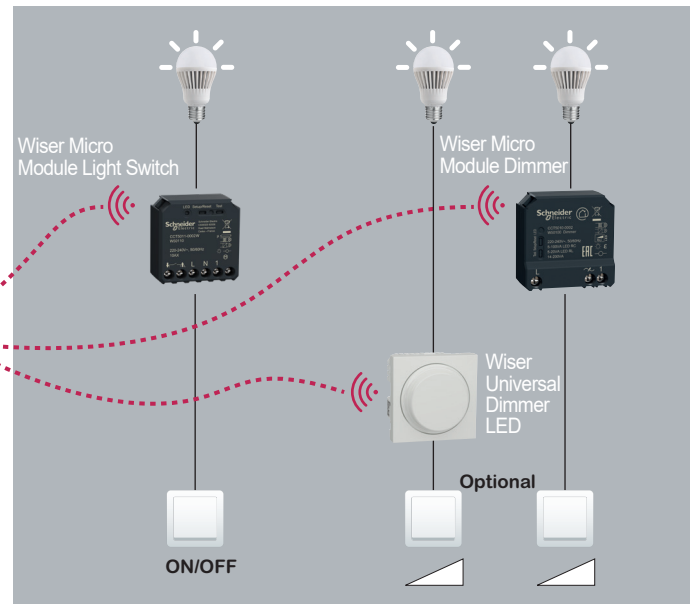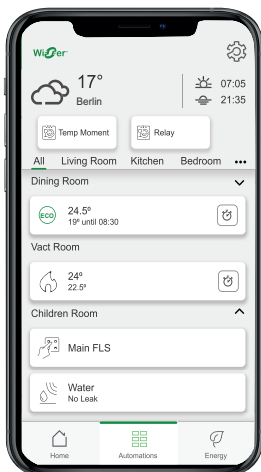Schneider Electric

Available on the App Store   GET IT ON Google Play

Alexa

Google Home

Wiser Hub 2nd Generation

Wiser

ZigBee®
Bidirectionnal Wireless communication

Schneider Electric

WiFi

Wiser Micro Module Light Switch

Wiser Micro Module Dimmer

Wiser Universal Dimmer LED

Optional

ON/OFF

Improved comfort and home security

Wiser Home app

Lighting control, status reading, and scheduling are easily accessible from the Wiser Home app

This improvement is not requiring specific light bulb and compatible with all available bulbs in the market. With an existing infrastructure just exchanging to lighting switch or dimmer which works with Wiser (available in different WD ranges)

Shutters/Blinds Control

Keep Burglars away when nobody is home
Create an event scheduling to switch lights ON between 7 p.m. and 10 p.m. to provide a realistic impression of occupancy.

When sunset comes, the light on the front door turns ON automatically with Astro Mode
To welcome visitors and allow them to move more easily and provide safety to the house.

How it works

Wiser Micro Module Light Switch ensures the ON-OFF control of a lighting circuit from a local mechanical push-button. It also acts through the Wiser Hub: centralized lighting control of a room, of the house, control according to a time schedule, etc.
It can be fitted with additional mechanical push-buttons.

Wiser universal dimmer LED ensures the dimming of a lighting circuit through its built-in rotary button and an optional push-button.
It also acts through the Wiser Hub, ensuring or following the centralized dimming of a room, for the house, control according to a time schedule, etc. functions.

Wiser Micro Module Dimmer ensures dimming a lighting circuit with mechanical push-buttons, possibly sharing the same wall box. It also acts through the Wiser Hub to ensure centralized dimming of a room, house, control according to a time schedule, etc.

Wiser solutions for lighting
Electric Appliances Control

Wiser Device

Alexa

Google Home

Wiser Hub 2nd Generation

Wiser

ZigBee®
Bidirectionnal Wireless communication

Wiser Smart Plug

Wiser — Power 230 V 13 A max.

Wiser — Power 230 V 13 A max.

Wiser — Power 230 V 13 A max.

WiFi
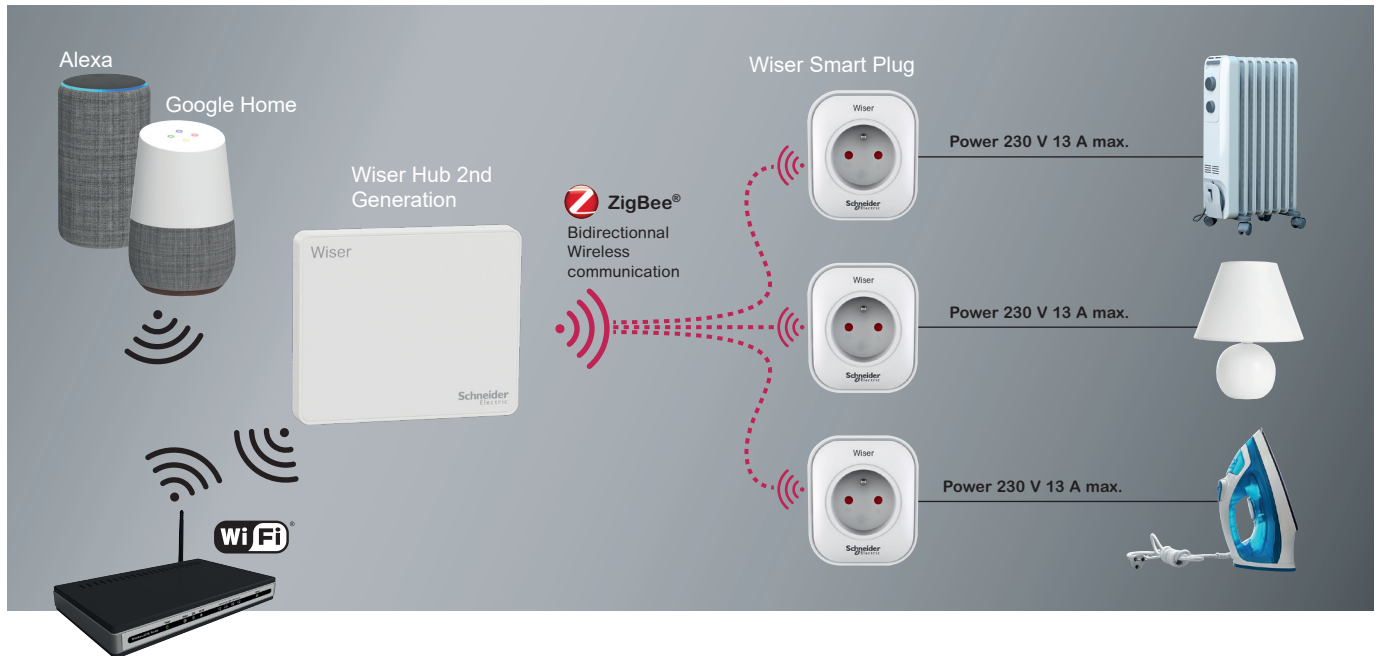
Wiser Home app

Program, anticipate your comfort, protect your goods

Anticipate your return home by turning ON your favorite app* (portable heat radiator, portable air conditioner, etc.) from the distance. Dissuade burglars by simulating your presence with light, the sound of your radio set.

Reduce the risk of forgetting to turn OFF household equipment (example: iron).
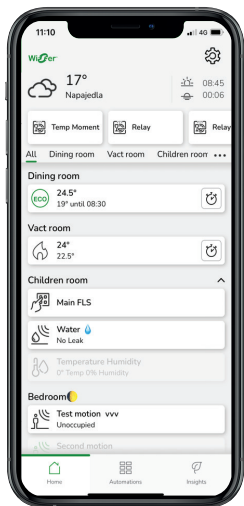
Your electric appliance (13 A/3 kW max.) of any type is controlled remotely or by time programming and locally with your virtual assistants.

Wiser Smart Plug features allow you to take full advantage of Hub or HubR connectivity (HubR is commonly used with central heating). Hub, HubR control up to 10 plugs.

The Wiser Home app provides programming of time slots and direct control of switching ON and OFF. Wiser Smart Plugs also accept commands from local push-button and by virtual assistants (Alexa, Google Home through Hub).

After a manual turn-ON, when the household equipment is needed, Wiser can send shutdown commands to the Smart Plug at scheduled times.

The Wiser Hub, HubR are connected to the internet through the domestic wireless router, they can also be controlled by Alexa and Google Home virtual assistants.

* Your electric appliance must be power-shutdown tolerant.
Perform this simple check:
1• Plug your appliance (in OFF state) in the Smart plug (in OFF state)
2• Turn Smart plug ON, turn Appliance ON (it starts)
3• Turn Smart plug OFF ➔ your appliance will shut down
4• Turn Smart plug ON ➔ if your appliance is 'power-shutdown tolerant', it will re-start immediatly.

Wiser solutions for lighting
Micro Module Light Switch

Micro Module Light Switch

CCT5011-0002W

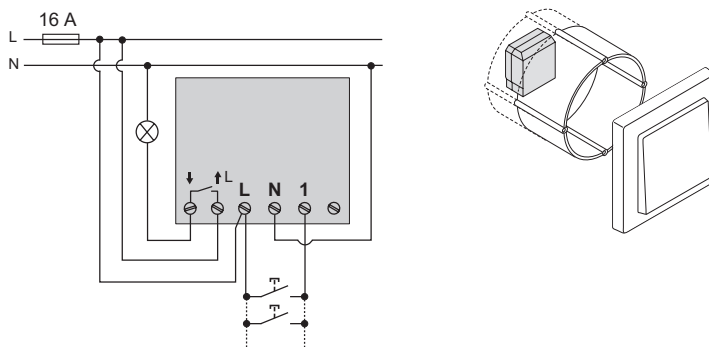| Description	Commercial ref.
Wiser Micro Module Light Switch	**CCT5011-0002W**

Features

- **Local ON/OFF control**: of lighting or other electrical appliance by push-button
- **Remote ON/OFF control**: via the Wiser Hub/Hub from a smartphone or tablet with the Wiser Home app

Additional app functions (default setting: no functions active):
- Setting the LED operating mode manually (RL LED mode)
- Timer mode: Overtravel time (1 second - 24 hours), pre-warning (with or without), manual switching (OFF or retrigger)
- Time switch (weekday switching, astro, random, wake-up and fall asleep function)
- Coupling to other Wiser devices with help of the status LED
- **Room control / Quick Home connect**: by pairing with other Wiser devices
- **Home control**: by setup, using the Wiser Home app via a Wiser Hub

Characteristics

- Nominal voltage: AC 230 V~, 50 Hz
- Rated current: 10 A cosφ 0.6 - 1
- Standby power: max. 0.3 W
- Neutral conductor: Required
- Connecting terminals: Screw terminals for max. 2 × 2.5 mm² 0.5 Nm
- Extension unit: Up to 10 push-buttons, max. 50 m
- Display: Red/Green status LED
- Fuse protection: 16 A circuit breaker
- Frequency band: 2.4 GHz
- Transmission capacity: 2.5 mW
- Dimensions (H × W × D): 22 × 43 × 43 mm

- Load type max. power:
  – Incandescent lamp: 2200 W at 230 V AC
  – Halogen lamp: 2000 W at 230 V AC
  – LED lamp: 200 W at 230 V AC
  – Capacitive load: 10 A, up to 140 µF
  – Motor (single-phase): 1000 VA at 230 V AC
  – Room heater: 1500 W
  – Electric boiler: 2000 W
  – LV halogen lamps: 1050 VA at 12 V AC (electronic transformer)
  – LV halogen lamps: 500 VA at 12 V AC (wound transformer)
  – Compact fluorescent lamp: 200 W at 230 V AC

Wiring diagram - Mounting

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

Wiser solutions for lighting
New Unica Design

Connected Wireless Switch 1-gang/2-gang

NU557118/NU557120W
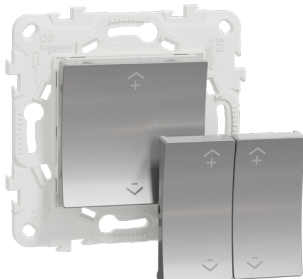
NU557130

NU557154

Description

Connected Wireless Switch 1-gang/2-gang

	Commercial ref.
White	**NU557118**
White antibacterial	**NU557120W**
Aluminium	**NU557130**
Anthracite	**NU557154**

Features

Control and communication
- The Connected Wireless Switch 1-gang/2-gang can be placed anywhere and is used to control a group of Zigbee devices within the same Zigbee network.
- The device can be configured through the Wiser Home app or can be paired with other Wiser Zigbee devices directly.
- By default, the device is operated as 1-gang, it can also be configured to operate as 2-gang device.

- To control the Connected Wireless Switch 1-gang/2-gang through the Wiser Home app on your smartphone, you need to pair it to the Wiser Hub 2nd Generation.

Functions:
- Press and hold the up and down push buttons simultaneously for 10 seconds until the LED turns red to switch from 1-gang to 2-gang.
- **Room control / Quick Home connect**: by pairing with other Wiser devices
- **Home control**: by setup, using the Wiser Home app via a Wiser Hub

Characteristics

- Battery: CR2032
- Battery life: Up to 5 years (depending on the frequency of use and quality of the battery)
- IP rating: IP20
- Operating temperature: -5 °C to 45 °C
- Storage temperature: -5 °C to 45 °C
- Transport temperature: -25 °C to 70 °C
- Relative humidity: 5 % to 95 %
- Communication protocol: Zigbee 3.0 certified

Note:
- Construction materials may cause interference that affects gateway-to-device and device-to-device distances. In the open air, there is no interference, so the distance can be much longer.
- The rocker and cover frame is not included in the package. They must be procured separately. The rockers and cover frames for the connected wireless switch inserts can be found in "Accessories".

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home
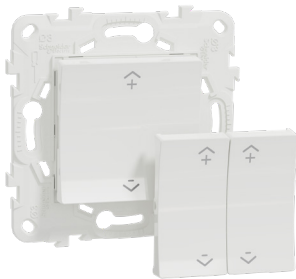
Wiser solutions for lighting
Odace Design

Connected Wireless Switch 1-gang/2-gang

S520531

S530531

S540531

Description

Connected Wireless Switch 1-gang/2-gang		Commercial ref.
	White	**S520531**
	Aluminium	**S530531**
	Anthracite	**S540531**

Features

Control and communication
- The Connected Wireless Switch 1-gang/2-gang is battery driven and can be placed anywhere (in range) to control devices.
- The wireless switch can be configured through the Wiser Home app or can be paired with other Wiser Zigbee wireless switch directly.
- By default, the wireless switch is operated as 1-gang It can also be configured to operate as 2-gang device.

- To control the Connected Wireless Switch 1-gang/ 2-gang through the Wiser Home app on your smartphone, you need to pair it to the Wiser Hub 2nd Generation.

Functions:
- Press and hold the up and down push buttons simultaneously for 10 seconds until the LED turns red to switch from 1-gang to 2-gang.

Characteristics

- Battery: CR2032
- Battery life: Up to 5 years (depending on the frequency of use and quality of the battery)
- IP rating: IP20
- Operating frequency: 2405-2480 MHz
- Max. radio-frequency power transmitted: <10 mW
- Ambient temperature: -5 °C to 45 °C
- Storage temperature: -5 °C to 45 °C
- Transport temperature: -25 °C to 70 °C
- Relative humidity: 5 % to 95 %
- Communication protocol: Zigbee 3.0 certified

Note: Construction materials may cause interference that affects gateway-to-device and device-to-device distances.
In the open air, there is no interference, so the distance can be much longer.

For more detailled information, refer to the online Device User Guide and System User Guide. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home
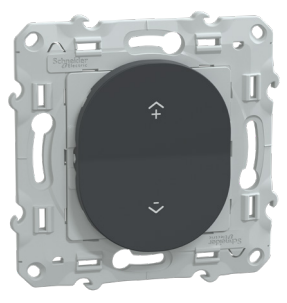
Wiser solutions for lighting
Ovalis C Series

Connected Wireless Switch 1-gang/2-gang

Wiser Device

S320531

S340531

Description | Commercial ref.

Connected Wireless Switch 1-gang/2-gang

	White	**S320531**
	Anthracite	**S340531**

Features

Control and communication
- The Connected Wireless Switch 1-gang/2-gang is battery driven and can be placed anywhere (in range) to control devices.
- The wireless switch can be configured through the Wiser Home app or can be paired with other Wiser Zigbee wireless switch directly.
- By default, the wireless switch is operated as 1-gang It can also be configured to operate as 2-gang device.

- To control the Connected Wireless Switch 1-gang/ 2-gang through the Wiser Home app on your smartphone, you need to pair it to the Wiser Hub 2nd Generation.

Functions:
- Press and hold the up and down push buttons simultaneously for 10 seconds until the LED turns red to switch from 1-gang to 2-gang.

Characteristics

- Battery: CR2032
- Battery life: Up to 5 years (depending on the frequency of use and quality of the battery)
- IP rating: IP20
- Operating frequency: 2405-2480 MHz
- Max. radio-frequency power transmitted: <10 mW
- Range: 100 m open space
- Ambient temperature: -5 °C to 45 °C
- Storage temperature: -5 °C to 45 °C
- Transport temperature: -25 °C to 70 °C
- Relative humidity: 5 % to 95 %
- Communication protocol: Zigbee 3.0 certified

For more detailed information, refer to the online Device User Guide and System User Guide. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

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Wiser solutions for lighting
New Unica Design

Connected Relay Switch 10 A

NU353718W/NU353820W

NU353730W
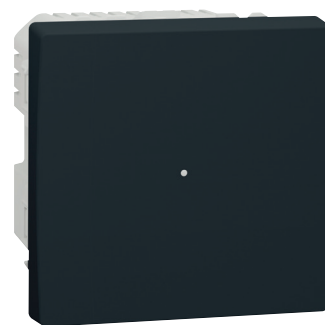
NU353754W

Description	Commercial ref.
Connected Relay Switch 10 A	

	White	**NU353718W**
	White antibacterial	**NU353720W**
	Aluminium	**NU353730W**
	Anthracite	**NU353754W**

Features

- Relay switch for control of resistive, inductive or capacitive loads
- Local control by additional push-button. Remote control from smartphone or tablet using Wiser app
- An LED indicates when switch is ON

Additional app functions:
- Timer mode
- Pulse generator
- Time switch (weekday switching, astro and random function)
- Coupling to other Wiser devices with help of the status LED
- Wireless data exchange with Hub, HubR, and Hub 2nd Generation

Characteristics

- Nominal voltage: AC 230 V ~, 50 Hz
- Rated current: 10 A, cosϕ 0.6 - 1
- Connecting terminals:
  Screw terminals for max. 2 × 2.5 mm^2 – 0.5 Nm
- Extension unit: Single push-button ('A' on diagram), unlimited number, max. 50 m
- Display: Red/Green status LED
- Fuse protection: 16 A circuit breaker
- Frequency band: 2.4 GHz
- Transmission capacity: 2.5 mW

- Load max. power:
  – Incandescent lamp: 2200 W at 230 V AC
  – Halogen lamp: 2000 W at 230 V AC
  – LED lamp: 200 W at 230 V AC
  – Capacitive load: 10A, up to 140 µF
  – Motor (single-phase): 1000 VA at 230 V AC
  – LV halogen lamps: 1050 VA at 12 V AC (electronic transformer)
  – LV halogen lamps: 500 VA at 12 V AC (wound transformer)
  – Compact fluorescent lamp: 200 W at 230 V AC

Wiring diagram - Mounting

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

Wiser™

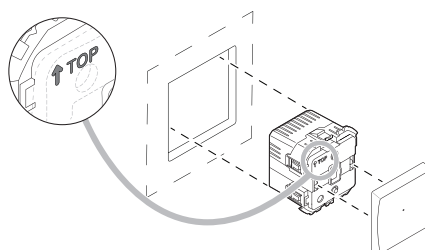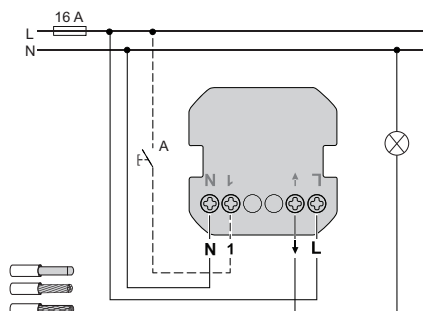# Wiser solutions for lighting
Odace Design

Connected Relay Switch 10 A

S520530W

S530530W
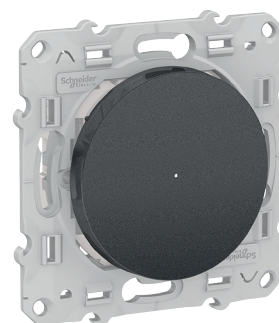
S540540W

Description	Commercial ref.

Connected Relay Switch 10 A

	White	**S520530W**
	Aluminium	**S530530W**
	Anthracite	**S540530W**

Features

- Relay switch for control of resistive, inductive or capacitive loads
- Local control by additional push-button. Remote control from smartphone, or tablet using Wiser App
- An LED indicates when switch is ON

Additional app functions:
- Timer mode
- Pulse generator
- Time switch (weekday switching, astro and random function)
- Coupling to other Wiser devices with help of the status LED
- Wireless data exchange with Hub 2nd Generation

Characteristics

- Nominal voltage: AC 230 V ~, 50 Hz
- Nominal current: 10 A, $\cos\phi = 0.6$
- Connecting terminals:
  Screw terminals for max. 2×2.5 mm^2 – 0.5 Nm
- Extension unit: Single push-button ('A' on the diagram), unlimited number, max. 50 m
- Display: Red/Green status LED
- Fuse protection: 16 A circuit breaker
- Frequency band: 2.4 GHz
- Transmission capacity: 2.5 mW

- Load max. power:
  – Incandescent lamp: 2200 W at 230 V AC
  – Halogen lamp: 2000 W at 230 V AC
  – LED lamp: 200 W at 230 V AC
  – Capacitive load: 10A, up to 140 µF
  – Motor (single-phase): 1000 VA at 230 V AC
  – LV halogen lamps: 1050 VA at 12 V AC (electronic transformer)
  – LV halogen lamps: 500 VA at 12 V AC (wound transformer)
  – Compact fluorescent lamp: 200 W at 230 V AC
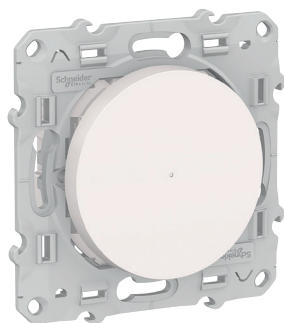
Wiring diagram - Mounting

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

Wiser solutions for lighting
Ovalis C Series

Connected Relay Switch 10 A

S320530W

S340530W

Description

Connected Relay Switch 10 A		Commercial ref.
	White	**S320530W**
	Anthracite	**S340530W**

Features

- Relay switch for control of resistive, inductive or capacitive loads
- Local control by additional push-button. Remote control from smartphone, or tablet using Wiser app
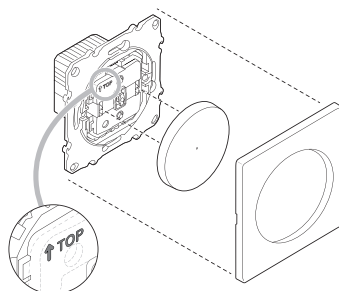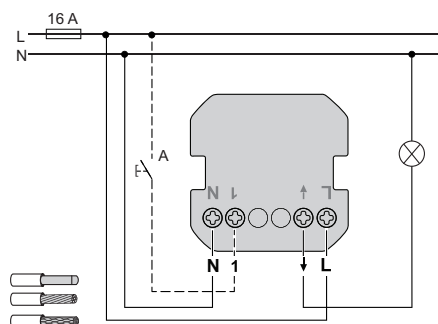- An LED indicates when switch is ON

Additional app functions:
- Timer mode
- Pulse generator
- Time switch (weekday switching, astro and random function)
- Coupling to other Wiser devices with help of the status LED
- Wireless data exchange with Hub 2nd Generation

Characteristics

- Nominal voltage: AC 230 V ~, 50 Hz
- Nominal current: 10 A, cosϕ = 0.6
- Connecting terminals:
  Screw terminals for max. 2 × 2.5 mm² – 0.5 Nm
- Extension unit: Single push-button ('A' on the diagram), unlimited number, max. 50 m
- Display: Red/Green status LED
- Fuse protection: 16 A circuit breaker
- Frequency band: 2.4 GHz
- Transmission capacity: 2.5 mW

- Load max. power:
  – Incandescent lamp: 2200 W at 230 V AC
  – Halogen lamp: 2000 W at 230 V AC
  – LED lamp: 200 W at 230 V AC
  – Capacitive load: 10A, up to 140 µF
  – Motor (single-phase): 1000 VA at 230 V AC
  – LV halogen lamps: 1050 VA at 12 V AC (electronic transformer)
  – LV halogen lamps: 500 VA at 12 V AC (wound transformer)
  – Compact fluorescent lamp: 200 W at 230 V AC

Wiring diagram - Mounting

Wiser Device

Wiser solutions for lighting
Smart Plug

Smart Plug

CCTFR6500

Description	Commercial ref.
Wiser Smart Plug	**CCTFR6500**

Features

- ON/OFF control of electric appliance (3 kW max.)
- Control by time scheduling (via HubR)
- Control by local operator via pushbutton on top of Smart plug
- Local status display by LED on Smart plug
- Programming and setting via Wiser Home app
- Wireless Data exchange with Hub, HubR and Hub 2nd Generation

Characteristics

- Power supply: 230 V ±10 % – 50 Hz
- Max. rated oswitching: 13 A/3 kW
- Rated impulse voltage: 2.5 kV
- No wiring required
- Operating temperature: 0 °C to 40 °C
- Storage temperature: -10 °C to 40 °C
- Ambient humidity (non-condensing): 5 % to 85 %
- Radio technology/frequency: Zigbee 3.0 - 2.4 GHz (bi-directional, Mesh)
- Radio signal range up to 100 m (open field)
- Max. radio frequency power: +8 dBm (6.3 mW)
- Ingress protection: IPX0

- Pollution degree: 2
- Socket standard: 'European' type E (according to CEI 60320)
- Dimensions (H × W × D): 79.6 × 67.9 × 62.8 mm
- Colour: White (RAL 9016)
- Relevant directives: (RED)2014/53/EU, RoHS 2011/65/EU
- Applied standards: EN 60950-1, EN 62479, EN 300 328, EN 301 489-1, EN 301 489-17

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

Wiser solutions for lighting
Micro Module Dimmer

Micro Module Dimmer

CCT5010-0002W

Description	Commercial ref.
Wiser Micro Module Dimmer	**CCT5010-0002W**

Features

- **Local dimming control**: by push-button
- **Remote dimming control**: via the Wiser Hub/Hub from a smartphone or tablet with the Wiser Home app
- Soft start/stop
- The dimming level is memorized

Additional app functions (default setting: no functions active):
- Timer mode: Overtravel time (1 second - 24 hours), pre-warning (with or without), manual switching (OFF or retrigger)
- Time switch (weekday switching, astro, random, wake-up and fall-asleep function)
- Coupling to other Wiser devices with the help of the status LED
- Wireless data exchange with Hub, HubR and Hub 2nd Generation
- **Room control / Quick Home connect**: by pairing with other Wiser devices
- **Home control**: by setup, using the Wiser Home app via a Wiser Hub

Characteristics

- Nominal voltage: AC 230 V~, 50 Hz
- Standby power: max. 0.4 W
- Neutral conductor: Not required
- Connecting terminals: Screw terminals for max. 2 × 2.5 mm² 0.5 Nm
- Extension unit: up to 10 push-buttons, max. 50 m
- Display: Red/Green status LED
- Fuse protection: 16 A circuit breaker
- Frequency band: 2.4 GHz
- Transmission capacity: 2.5 mW

- Load max. power (automatic load detection)
  – Incandescent lamp: 14 - 200 W at 230 V AC
  – Halogen lamp: 14 - 150 W at 230 V AC
  – LED lamp (in RC dimming mode): 5 - 100 VA at 230 V AC
  – LED lamp (in RL dimming mode): 5 - 20 VA at 230 V AC
  – 12 V halogen lamps: 14 – 200 VA with electronic transformer
  – 12 V halogen lamps: 14 – 150 VA with wound transformer
- Automatic overload and overheating protection
- Short-circuit protection

Wiring diagram - Mounting

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
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Wiser solutions for lighting
New Unica Design

Wiser Device
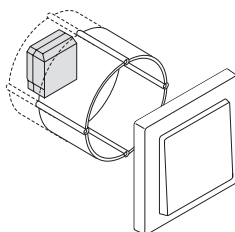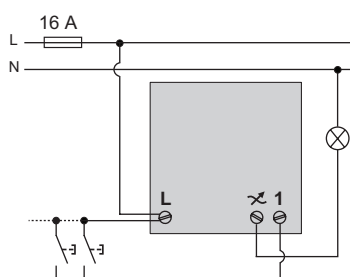
Connected Universal Dimmer LED

NU351518W/NU351520W

NU351618W/NU351620W

Description

Commercial ref.

Connected Universal Dimmer LED		Push-button	Rotary
	White	**NU351518W**	**NU351618W**
	White antibacterial	**NU351520W**	**NU351620W**
	Aluminium	**NU351530W**	**NU351630W**
	Anthracite	**NU351554W**	**NU351654W**

Features

Local dimming control:
by connecting external push-buttons

Remote dimming control:
via the internet with the Wiser Home app

The dimming level is memorized

Additional app functions:
- Setting the LED operating mode manually (RL LED mode)
- Timer mode: Overtravel time (1 second - 24 hours), pre-warning (with or without), manual switching (off or retrigger)
- Time switch (weekday switching, astro, random, wake-up and fall-asleep function)
- Coupling to other Wiser devices with help of the status LED
- Wireless data exchange with Hub, HubR and Hub 2nd Generation

Characteristics

- Nominal voltage: AC 230 V ~, 50 Hz
- Standby: max 0.4 W
- Neutral conductor: Not required
- Connecting terminals:
  Screw terminals for max. 2 × 2.5 mm² – 0.5 Nm
- Extension unit: Single push-button, unlimited number, max.50 m
- Display: Red/Green status LED
- Fuse protection: 16 A circuit breaker
- Frequency band: 2.4 GHz
- Transmission capacity: 2.5 mW

- Load maximum power (automatic type detection):
  – Incandescent lamp: 14- 200 W at 230 V AC
  – Halogen lamp: 14 - 150 W at 230 V AC
  – LED lamp RC: 7 – 100 VA W at 230 V AC
  – LED lamp RL: 7 – 20 VA W at 230 V AC
  – 12 V halogen lamps: 14 - 150 W with electronic or wound transformer
- Automatic overload and overheating protection
- Short-circuit protection

Wiring diagram - Mounting

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
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Wiser solutions for lighting
Odace Design

Connected Universal Dimmer LED

S520522W

S520513W

Description
Connected Universal Dimmer LED		Push-button	Rotary
	White	**S520522W**	**S520513W**
	Aluminium	**S530522W**	**S530513W**
	Anthracite	**S540522W**	**S540513W**

(Commercial ref.)

Features

Local dimming control:
by one or unlimited number of push-buttons

Remote dimming control:
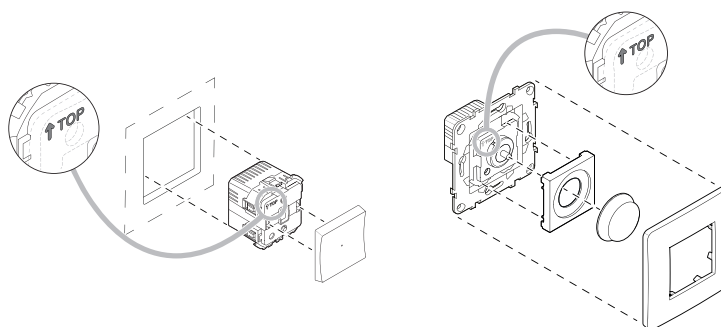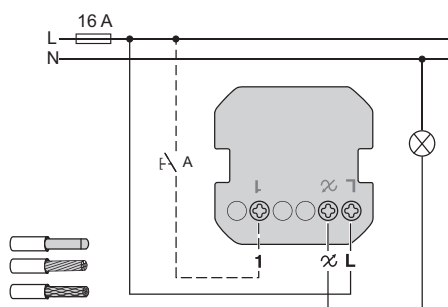via the internet with the Wiser Home app

The dimming level is memorized

Additional app functions:
- Setting the LED operating mode manually (RL LED mode)
- Timer mode: Overtravel time (1 second - 24 hours), pre-warning (with or without), manual switching (off or retrigger)
- Time switch (weekday switching, astro, random, wake-up and fall-asleep function)
- Coupling to other Wiser devices with help of the status LED
- Wireless data exchange with Hub, HubR and Hub 2nd Generation

Characteristics

- Nominal voltage: AC 230 V ~, 50 Hz
- Standby: max. 0.4 W
- Neutral conductor: Not required
- Connecting terminals:
  Screw terminals for max. 2×2.5 mm^2 – 0.5 Nm
- Extension unit: Single push-button ("A" on diagram), unlimited number, max.50 m
- Display: Red/Green status LED
- Fuse protection: 16 A circuit breaker
- Frequency band: 2.4 GHz

- Transmission capacity: 2.5 mW
- Load maximum power (automatic type detection):
  – Incandescent lamp: 14- 200 W at 230 V AC
  – Halogen lamp: 14 - 150 W at 230 V AC
  – LED lamp (in RC dimming mode): 7 – 100 VA W at 230 V AC
  – LED lamp (RL in RL dimming mode): 7 – 20 VA W at 230 V AC
  – 12 V halogen lamps: 14 - 150 W with electronic and wound transformer
- Automatic overload and overheating protection
- Short-circuit protection

Wiring diagram - Mounting

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

Wiser solutions for lighting
Ovalis C Series

Connected Universal Dimmer LED

S320522W
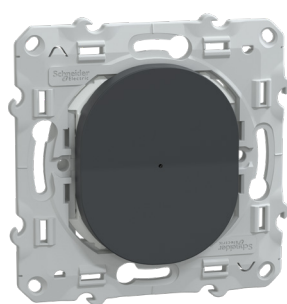
S340522W

Description

Connected Universal Dimmer LED

Commercial ref.

Rotary

White	**S320522W**
Anthracite	**S340522W**

Features

Local dimming control:
by one or unlimited number of push-buttons

Remote dimming control:
via the internet with the Wiser Home app
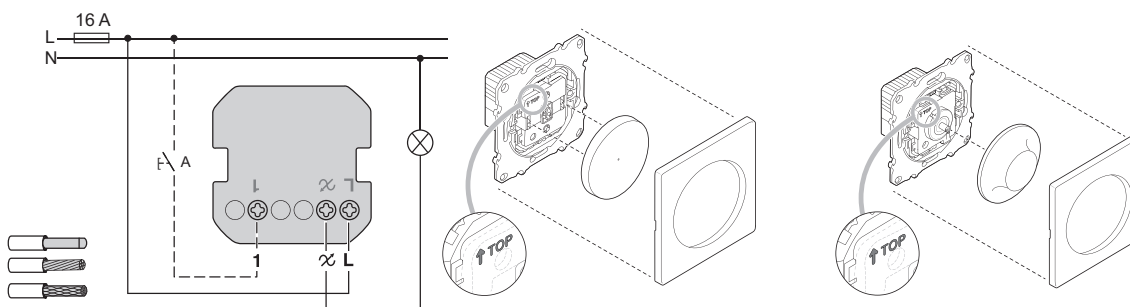
The dimming level is memorized

Additional app functions:
- Setting the LED operating mode manually (RL LED mode)
- Timer mode: Overtravel time (1 second - 24 hours), pre-warning (with or without), manual switching (off or retrigger)
- Time switch (weekday switching, astro, random, wake-up and fall-asleep function)
- Coupling to other Wiser devices with help of the status LED
- Wireless data exchange with Hub, HubR and Hub 2nd Generation

Characteristics

- Nominal voltage: AC 230 V ~, 50 Hz
- Standby: max. 0.4 W
- Neutral conductor: Not required
- Connecting terminals:
  Screw terminals for max. 2 × 2.5 mm² – 0.5 Nm
- Extension unit: Single push-button ("A" on diagram), unlimited number, max.50 m
- Display: Red/Green status LED
- Fuse protection: 16 A circuit breaker
- Frequency band: 2.4 GHz

- Transmission capacity: 2.5 mW
- Load maximum power (automatic type detection):
  – Incandescent lamp: 14- 200 W at 230 V AC
  – Halogen lamp: 14 - 150 W at 230 V AC
  – LED lamp (in RC dimming mode): 7 – 100 VA W at 230 V AC
  – LED lamp (RL in RL dimming mode): 7 – 20 VA W at 230 V AC
  – 12 V halogen lamps: 14 - 150 W with electronic and wound transformer
- Automatic overload and overheating protection
- Short-circuit protection

Wiring diagram - Mounting

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

Wiser™

Wiser solutions for lighting
Odace Design

Smooth Wake-Up Kit

Download
Wiser Home app
Schneider Electric's connected
technology for homes

CCTFR5201

Description	Commercial ref.
Wiser smooth wake-up Kit **Composition: Wiser Hub 2nd Generation + Wiser LED Rotary Dimmer (White) +** **Odace Frame (White)**	**CCTFR5201**

Features

The kit provides the essential devices to enjoy the benefits of a connected home where a room is fitted with a dimmed lighting.
Future enrichment with more dimmed lighting channels will be achieved by simple addition of Wiser LED dimmers.

Find more details in the product pages of the S520522 LED rotary dimmer and CCT501801 Wiser Hub 2nd. Odace white frame product reference is
S52C702.

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

Quick Home Connect Solutions for Lighting
Odace Design

Wiser Device

Quick Home Connect Kit - Dimmer Control
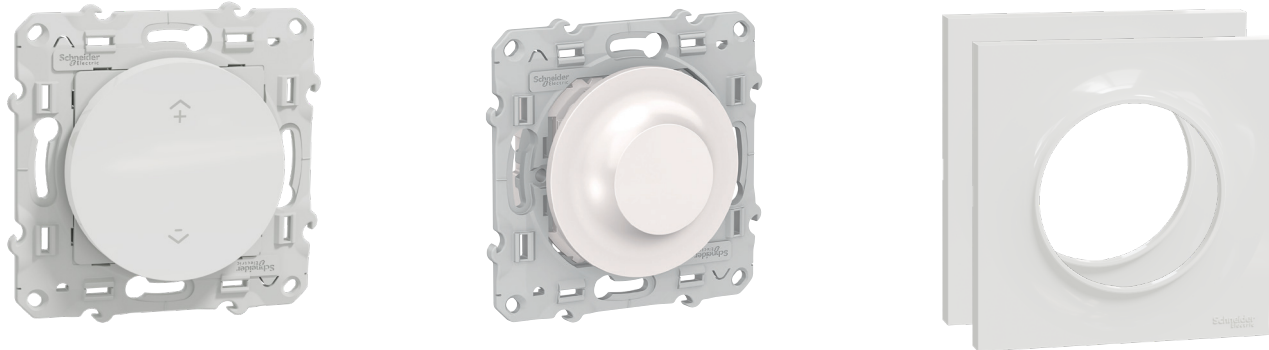
Description

Quick Home Connect Kit
**Composition: Connected Wireless Switch 1-gang/2-gang (white) + Connected Universal Dimmer LED (white) +
2 Odace Frames (white)**

Commercial ref.

S520513K

Features

The Quick Home Connect is a solution that allows connecting a wireless switch with a universal dimmer. Pairing occurs quickly with a 5-time press on each device. The solution does not require a gateway or a smart phone with the App. Quick Home Connect Kit includes one battery-powered wireless switch, one connected universal dimmer and two Odace cover frames.

It's an ideal solution to add one switch for controlling a load from two different locations without installing a new cable or drilling hole for a new wall box.

Quick Home Connect has the flexibility to be upgraded to our complete Wiser Smart Home Solution.

Find more details in the product pages of the S520531 Connected Wireless Switch 1-gang/2-gang, S520513W Connected Universal Dimmers LED. Odace white frame product reference is S520702.

Note: The Quick Home Connect solution is suitable only for room control and cannot control the entire home with longer distances between the devices.

Technical Characteristics - Connected Wireless Switch 1-gang/2-gang

- Battery: CR2032
- Battery life: Up to 5 years (depending on frequency of use and quality of battery)
- IP rating: IP20
- Frequency band: 2.4 GHz
- Max. radio-frequency power transmitted: <10 mW

- Ambient temperature: -5 °C to 45 °C
- Storage temperature: -5 °C to 45 °C
- Transport temperature: -25 °C to 70 °C
- Relative humidity: 5 % to 95 %
- Communication protocol: Zigbee 3.0 certified

Technical Characteristics - Connected Universal Dimmer LED

- Nominal voltage: AC 230 V ~, 50 Hz
- Standby: max 0.4 W
- Neutral conductor: Not required
- Connecting terminals: Screw terminals for max. 2 x 2.5 mm^2 – 0.5 Nm
- Extension unit: Single push-button ("A" on diagram), unlimited number, max.50 m
- Display: Red/Green status LED
- Fuse protection: 16 A circuit breaker
- Frequency band: 2.4 GHz

- Transmission capacity: 2.5 mW
- Load maximum power (automatic type detection):
  – Incandescent lamp: 14 - 200 W at 230 V AC
  – Halogen lamp: 14 - 150 W at 230 V AC
  – LED lamp (in RC dimming mode): 7 – 100 VA W at 230 V AC
  – LED lamp (RL in RL dimming mode): 7 – 20 VA W at 230 V AC
  – 12 V halogen lamps: 14 - 150 W with electronic and wound transformer
- Automatic overload and overheating protection
- Short-circuit protection
- Certification: CE, VDE, NF

Wiring diagram - Mounting of the Connected Universal LED Dimmer
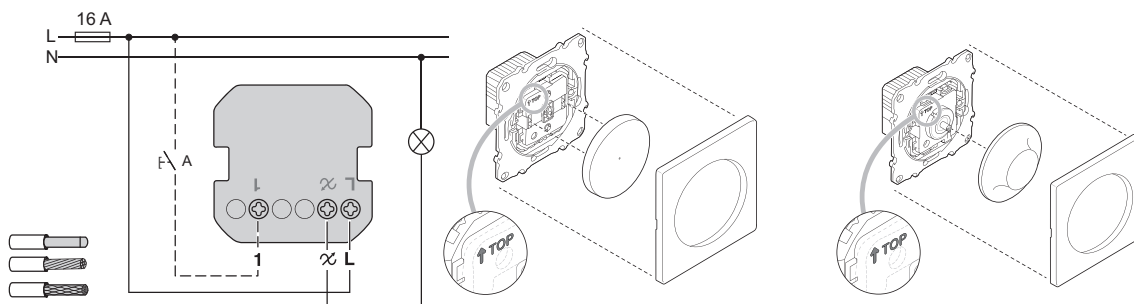

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

Quick Home Connect Solutions for Lighting
Odace Design

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Schneider Electric's connected technology for homes
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Quick Home Connect Kit - Light Control

Description	Commercial ref.

Quick Home Connect Kit
Composition: Connected Wireless Switch 1-gang/2-gang (white) + Connected Single Socket Outlet 16 A (white) +
2 Odace Frames (white)

S520559K

Features

The Quick Home Connect is a solution that allows connecting a wireless switch with a single socket outlet. Pairing occurs quickly with a 5-time press on each device. The solution does not require a gateway or a smart phone with the App. Quick Home Connect Kit includes one battery-powered wireless switch, one connected single socket outlet and two Odace cover frames.

It's a fast and easy solution to control the loads like a table lamp connected to a socket outlet from the wireless switch. Neither cabling nor drilling is required to install the solution.

Quick Home Connect has the flexibility to be upgraded to our complete Wiser Smart Home Solution.

Find more details in the product pages of the S520531 Connected Wireless Switch 1-gang/2-gang, S520559 Connected Single Socket Outlet 16 A. Odace white frame product reference is S520702.

Note: The Quick Home Connect solution is suitable only for room control and cannot control the entire home with longer distances between the devices.

Technical Characteristics - Connected Wireless Switch 1-gang/2-gang

- Battery: CR2032
- Battery life: Up to 5 years (depending on frequency of use and quality of battery)
- IP rating: IP20
- Frequency band: 2.4 GHz
- Max. radio-frequency power transmitted: <10 mW

- Ambient temperature: -5 °C to 45 °C
- Storage temperature: -5 °C to 45 °C
- Transport temperature: -25 °C to 70 °C
- Relative humidity: 5 % to 95 %
- Communication protocol: Zigbee 3.0 certified

Technical Characteristics - Connected Single Socket Outlet 16 A

- Nominal voltage: AC 230 V ~, 50 Hz
- Standby: max. 0.4 W
- Fuse protection: 16 A miniature circuit breaker
- Connecting terminals: Terminals for max. 2x 2.5mm^2
- Frequency band: 2.4 GHz

- Max. radio-frequency power transmitted: <10 mW
- Protection: IP20
- Measuring accuracy: ±1 % for loads >25 W
- Communication protocol: Zigbee 3.0 certified
- Certification: CE, VDE, NF

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

Wiser solutions for lighting
Load Compensation Module LED

Load Compensation Module LED

CCT90501

Description	Commercial ref.
Load Compensation Module LED	**CCT90501**

Features

The Load compensation module LED can be used with trailing edge dimmers (dimmers in mode RC).
The module can:
– improve the dimming behavior with HV-LED lamps (230 V AC LED lamps).
– prevent HV-LED lamp afterglow when the dimmer is set to zero or when the lamp is controlled by a switch with neon indicator for orientation
  purpose (max. neon current allowed = 3 mA).

Note: The Load compensation module LED effect, the diming results and quality may be significantly influenced by the electronics of the HV-LED lamp.

Characteristics

- Rated voltage: AC 230 V~
- Mains frequency: 50/60 Hz
- Power loss: max. 2 W
- Housing temperature (tc): max. 65 °C
- Storage/transport temperature: -25 to +75 °C
- Dimensions (L × W × H): 28.5 × 43.0 × 11.5 mm
- Cable length: approx. 15 cm

- Capacity (in HV-LED): up to 3 lamps (max. power 200 W)

Several modules can be connected in parallel when more than 3 lamps are wired on the circuit.

The module can be installed in the junction box, in the luminaire or in the sub-distribution panel, wired between Neutral and dimmed Phase.

Wiring diagram - Mounting
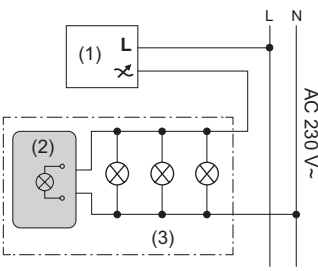
(1) Dimmer
(2) Load compensation Module LED
(3) HV-LED (230 V AC LED lamps)

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

Wiser solutions for roller shutters and blinds
Wiser compatible roller shutters and blinds

Wiser Device

Motorized blinds
of various sorts: roller shades, venetian blinds, draperies, projector screen

Motorized roller shutters, for windows

Wiser solutions for roller shutters and blinds
Roller shutter – Up/Down/Stop and Percentage Control

Alexa

Google Home

Wiser Hub 2nd Generation

Wiser

ZigBee®
Bidirectionnal wireless communication

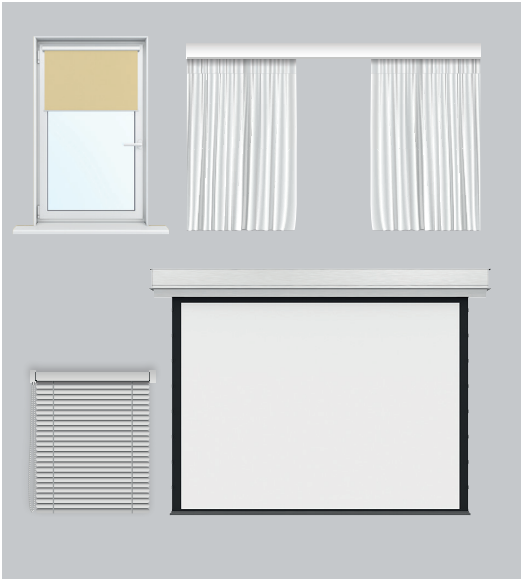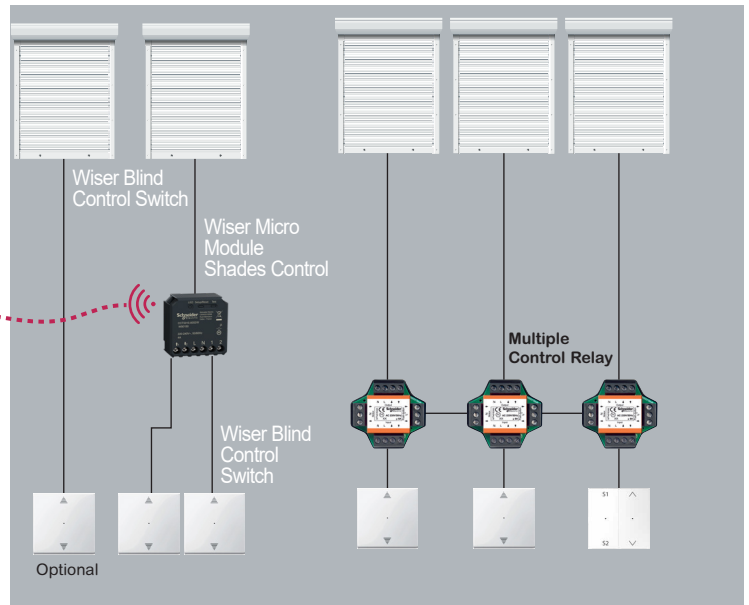Control of multiple groups

Wi-Fi

Wiser Blind Control Switch

Wiser Micro Module Shades Control

Multiple Control Relay

Wiser Blind Control Switch

Optional

Wiser Home app

17°
Berlin
07:05
21:35

Temp Moment   Relay

All   Living Room   Kitchen   Bedroom   •••

Dining Room

ECO   24.5°
19° until 08:30

Vact Room

24°
22.5°

Children Room

Main FLS

Water
No Leak

Home   Automations   Energy

Improved comfort and home security

Shutters control, status reading, and scheduling are easily accessible from the Wiser Home app

This improvement is not requiring specific shutters or unique wiring. With an existing infrastructure just exchanging to blind switch which works with Wiser (available in different WD ranges)

Shutters/Blinds Control

Close all living room shutters in just a click
Whether it is for movie night or a cat nap, the Wiser Home app lets you create a "living room shutters" option to close all shutters at once, either on demand or every day at the same time.

How it works

Wiser Blind Control Switch allows the shutter control by direct push: Up/Down/Stop and slat angle adjustment. It can be used as a master control for one or several groups of shutters. It also acts according to several commands received through the Wiser Hub: centralized control for a room, for the house, control according to a time schedule, etc.
It can be fitted with additional mechanical buttons.

Wiser Micro Module Shades Control
Functions similar to the Wiser Blind Control Switch, but local control is only possible with mechanical push-buttons.

Wiser Blind Control Switch + Multiple Control Relay
Group control is provided by the Wiser Blind Control Switch while each Multiple Control Relay provides local control by mechanical switch.

Wiser solutions for roller shutters and blinds
Micro Module Shades Control

Micro Module Shades Control

CCT5015-0002W

Description

Wiser Micro Module Shades Control

Commercial ref.

CCT5015-0002W

Features

- For control of one blind/roller shutter motor equipped with an end position switch.
- Relay contacts are mechanically locked against each other to prevent simultaneous triggering of two relay outputs.
- The micro module must not be used to control safety-relevant applications.

- **Direct operation**: by a max. of 10 mechanical double push-buttons
- **Room control / Quick Home connect**: by pairing with other Wiser devices
- **Home control**: by setup, using the Wiser Home app via a Wiser Hub

Characteristics

- Nominal voltage: AC 220-240 V, 50/60 Hz
- Nominal current: 4 A, $\cos\varphi$ = 0.6 - 1.0
- Blind channel: 1, mechanically and electronically locked against each other
- Standby: Max. 0.3 W
- Operating Temperature: 0 ºC to 35 ºC
- Neutral conductor: Required
- Connecting terminals: Max. 2 × 2.5 mm², solid or stranded types
- Extension connection: Max. 10 mechanical push-buttons

- Length of all cable sections: Max. 50 m for 3-wire NYM cable
- Fuse protection: 16 A circuit breaker
- Operating frequency: 2405 - 2480 MHz
- Max. radio-frequency power transmitted: <10 mW
- Certification: Zigbee 3.0
- IP rating: IP20
- Product dimensions (H × W × D): 43 × 43 × 22 mm
- Wall box dimension: The wall box must have a minimum depth of 26 mm

Wiring diagram - Mounting
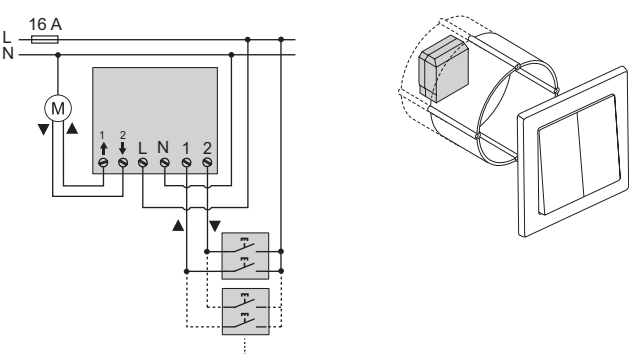
For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

Life Is On I Schneider Electric

Wiser solutions for roller shutters and blinds
Complementary products

Multiple Control Relay
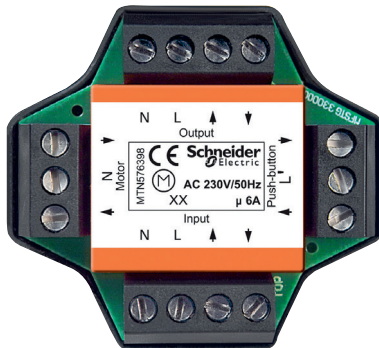
MTN576398

Description	Commercial ref.
Multiple Control Relay – Flush mounted	**MTN576398**

Features

- When several roller shutters are controlled by a group control switch (for the room, for a floor, the multiple control relay allows the independent control of one or two shutter motors.
- It provides separation of load and control circuit, also forced locking in both directions of movement.
- Motors are controlled individually using a roller shutter rocker switch and centrally using a blind push-button.

Characteristics

- Mains voltage: AC 230 V, 50 Hz ±10 %
- Control voltage: AC 230 V ±10 %
- Power consumption: 10 mA in relay operation
- Switching voltage: max. AC 250 V
- Switching current: max. 2 A
- Temperature range: 0 - 60 °C
- Terminals: max. 1.5 mm^2
- Dimensions (H × W × D): 22 × 49 × 52 mm

- Suitable for a size 60 flush-mounted box. Flat 22 mm design

Wiring diagram - Mounting


Control of 2 motors

Control > 2 motors

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

Wiser solutions for roller shutters and blinds
Complementary products

Wiser Device

Multiple Control Relay

MTN576397

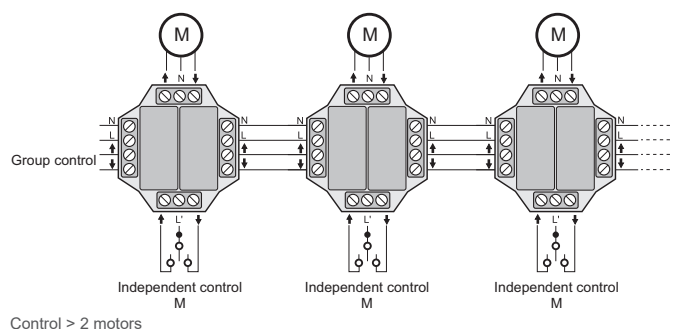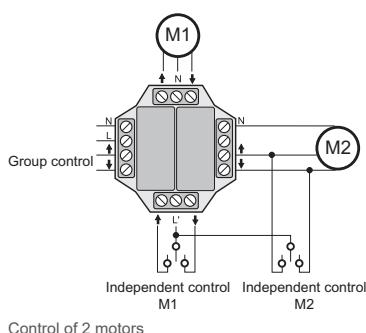| Description	Commercial ref.
Multiple Control Relay – REG	**MTN576397**

Features

- When several roller shutters are controlled by a group control switch (for the room, for a floor), the multiple control relay allows the independent control of one or two shutter motors.
- It provides separation of load and control circuit, also forced locking in both directions of movement.
- Motors are controlled individually using a roller shutter rocker switch and centrally using a blind push-button.

Characteristics

- Mains voltage: AC 230 V, 50 Hz ±10 %
- Control voltage: AC 230 V ±10 %
- Power consumption: 10 mA in relay operation
- Switching voltage: max. AC 250 V
- Switching current: max. 2 A
- Temperature range: 0-60 °C
- Terminals: max. 1.5 mm²
- Width: approx. 36 mm (2 UL)

- For installation on DIN rails TH35 according to EN 60715

Wiring diagram - Mounting
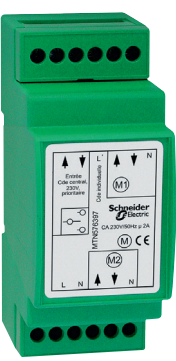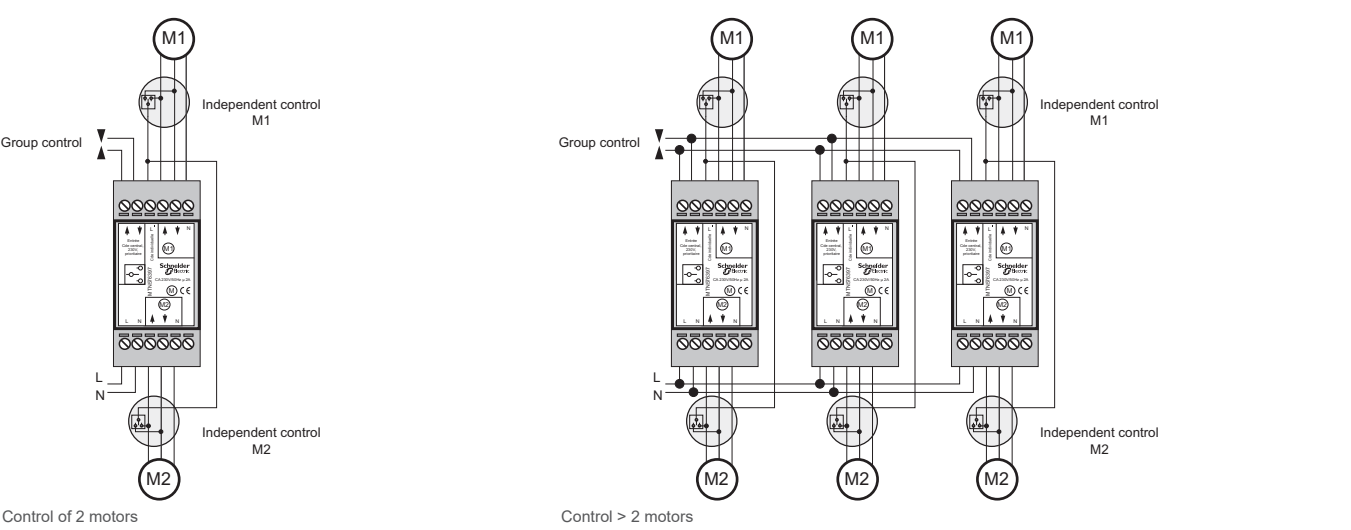

Control of 2 motors

Control > 2 motors

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
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Available on the **App Store**

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Wiser solutions for roller shutters and blinds
New Unica Design

Connected Blind Control Switch

NU350818W/NU350820W

NU350830W
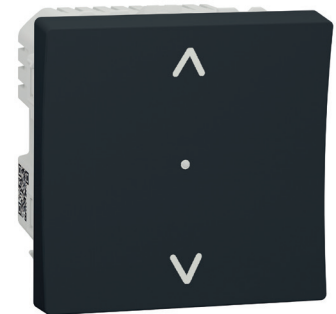
NU350854W

Description

		Commercial ref.
Connected Blind Control Switch	White	**NU350818W**
	White antibacterial	**NU350820W**
	Aluminium	**NU350830W**
	Anthracite	**NU350854W**

Features

- Protection of the motor against damage with two mutually electrically locked relay contacts
- Operation with extension unit (mechanical double push-button)
- Group control of multiple blinds
- Central control of multiple blind groups
- Settings: Resetting to default settings
- Wireless data exchange with Hub, HubR and Hub 2nd Generation

Additional app functions:
- Time switch (weekday switching, astro and random function)
- Status LED display (e.g. orientation light, show blind movement)
- Setting the blind movement time
- Varying blind and slat position
- Coupling to other devices with help of a status LED

Characteristics

- Nominal voltage: AC 230 V ~, 50 Hz
- Standby power: max. 0.4 W
- Connecting terminals:
  Screw terminals for max. 2×2.5 mm^2 – 0.5 Nm
- Extension unit: Double push-buttons, unlimited number max. 50 m

- Display: Red/Green status LED
- Fuse protection: 10 A circuit breaker
- Nominal current: 4 A, cosϕ = 0.6
- Frequency band: 2.4 GHz
- Transmission capacity: 2.5 mW

Wiring diagram - Mounting

Single control

Multiple control

R: Multiple Control Relay MTN576398

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

# Wiser solutions for roller shutters and blinds
Odace Design

Wiser Device

Connected Blind Control Switch
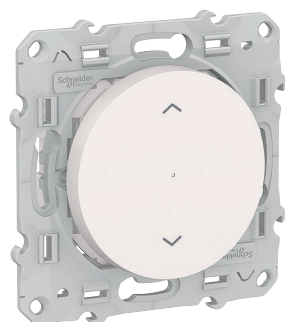
S520567W   S530567W   S540567W

Description

Connected Blind Control Switch

Commercial ref.

	White	**S520567W**
	Aluminium	**S530567W**
	Anthracite	**S540567W**

Features

- Protection of the motor against damage with two mutually electrically locked relay contacts
- Operation with extension unit (mechanical double push-button)
- Group control of multiple blinds
- Central control of multiple blind groups
- Settings: resetting to default settings
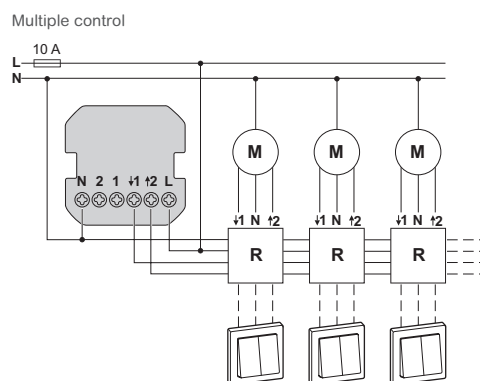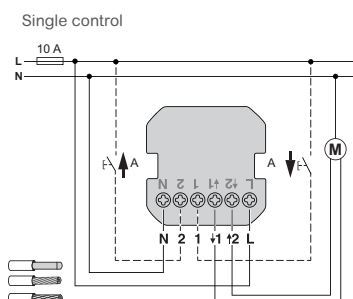- Wireless data exchange with Hub, HubR and Hub 2nd Generation

Additional app functions:
- Time switch (weekday switching, astro and random function)
- Status LED display (e.g. orientation light, show blind movement)
- Setting the blind movement time
- Varying blind and slat position
- Coupling to other devices with help of a status LED

Characteristics

- Nominal voltage: AC 230 V ~, 50 Hz
- Standby power: max. 0.4 W
- Connecting terminals:
  Screw terminals for max. 2×2.5 mm^2 – 0.5 Nm
- Extension unit: Double push-buttons, unlimited number max. 50 m

- Display: red/green LED
- Fuse protection: 10 A circuit breaker
- Nominal current: 4 A, cosϕ = 0.6
- Frequency band: 2.4 GHz
- Transmission capacity: 2.5 mW

Wiring diagram - Mounting

Single control

Multi control

R: Multiple Control Relay MTN576398

Wiser solutions for roller shutters and blinds
Ovalis C Series

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Connected Blind Control Switch

S320567W

S340567W

Description		Commercial ref.
Connected Blind Control Switch	White	**S320567W**
	Anthracite	**S340567W**

Features

- Protection of the motor against damage with two mutually electrically locked relay contacts
- Operation with extension unit (mechanical double push-button)
- Group control of multiple blinds
- Central control of multiple blind groups
- Settings: resetting to default settings
- Wireless data exchange with Hub, HubR and Hub 2nd Generation

Additional app functions:
- Time switch (weekday switching, astro and random function)
- Status LED display (e.g. orientation light, show blind movement)
- Setting the blind movement time
- Varying blind and slat position
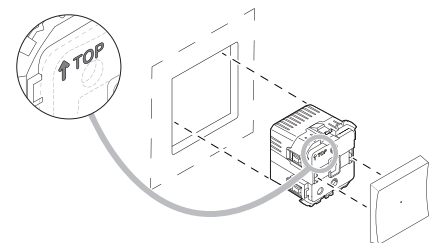- Coupling to other devices with help of a status LED

Characteristics

- Nominal voltage: AC 230 V ~, 50 Hz
- Standby power: max. 0.4 W
- Connecting terminals:
  Screw terminals for max. 2 × 2.5 mm² – 0.5 Nm
- Extension unit: Double push-buttons, unlimited number max. 50 m

- Display: red/green LED
- Fuse protection: 10 A circuit breaker
- Nominal current: 4 A, $\cos\phi$ = 0.6
- Frequency band: 2.4 GHz
- Transmission capacity: 2.5 mW
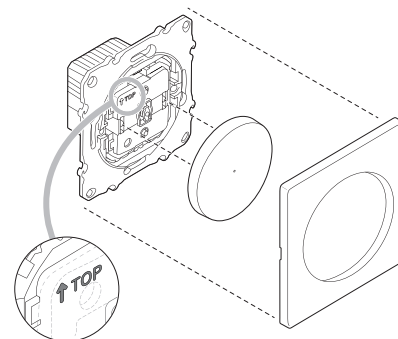
Wiring diagram - Mounting

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
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Wiser solutions for roller shutters and blinds
Odace Design

Centralized Blinds Kit
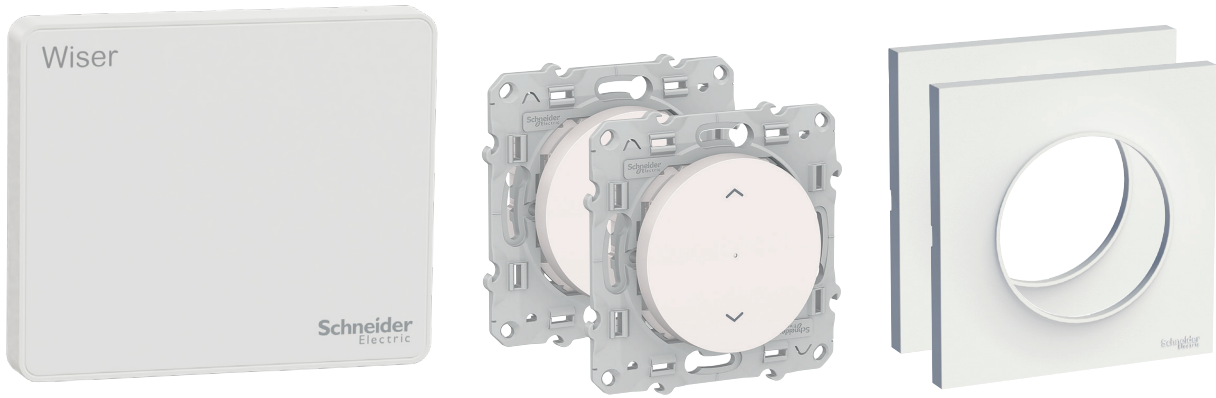
CCTFR5202

Description

Wiser Centralized Blinds Kit
Composition: Wiser Hub 2nd Generation + 2 Connected Blind Control Switch (White) +
2 Odace Frame (White)

Commercial ref.

CCTFR5202

Features

The Kit provides the essential devices to enjoy the benefits of a connected home were the control of blinds or roller is centralized.
Future enrichment will be achieved by simple addition of more Wiser Blind Control Switch.

Find more details in the product pages of the S520567W Wiser Blind Control Switch and CCT501801 Wiser Hub. Odace white frame product reference is S52C702.

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

Wiser™

Quick Home Connect Solutions for Roller Shutters and Blinds
Odace Design

Quick Home Connect Kit - Shutter Control
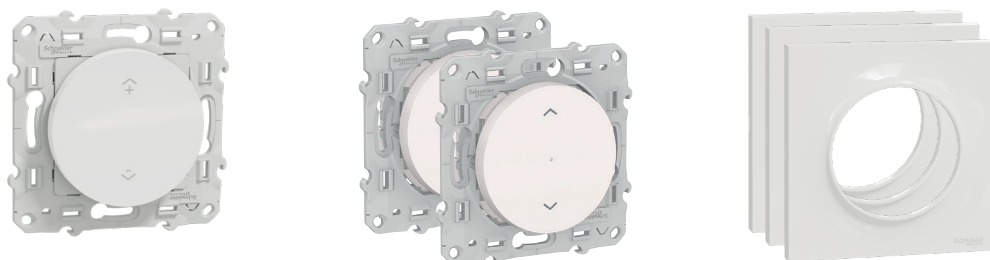
Description	Commercial ref.
Quick Home Connect Kit Composition: Connected Wireless Switch 1-gang/2-gang (white) + 2 Connected Blind Control Switches (white) + 3 Odace Frames (white)	S520567K

Features

The Quick Home Connect is a solution that allows connecting a wireless switch with a blind control switch. It's an easy way for centralized control of your shutters. Pairing occurs quickly with a 5-time press on each device. The solution does not require a gateway or a smart phone with the App. Quick Home Connect Kit includes one battery-powered wireless switch, two blind control switches and three Odace cover frames.

Quick Home Connect has the flexibility to be upgraded to our complete Wiser Smart Home Solution.

Find more details in the product pages of the S520531 Connected Wireless Switch 1-gang/2-gang, S520567W Wiser Blind Control Switch. Odace white frame product reference is S520702.

Note: The Quick Home Connect solution is suitable only for room control and cannot control the entire home with longer distances between the devices.

Technical Characteristics - Connected Wireless Switch 1-gang/2-gang

- Battery: CR2032
- Battery life: Up to 5 years (depending on frequency of use and quality of battery)
- IP rating: IP20
- Frequency band: 2.4 GHz
- Max. radio-frequency power transmitted: <10 mW
- Ambient temperature: -5 °C to 45 °C
- Storage temperature: -5 °C to 45 °C
- Transport temperature: -25 °C to 70 °C
- Relative humidity: 5 % to 95 %
- Communication protocol: Zigbee 3.0 certified

Technical Characteristics - Connected Blind Control Switch

- Nominal voltage: AC 230 V ~, 50 Hz
- Standby power: max 0.4 W
- Connecting terminals: Screw terminals for max. 2 x 2.5 mm² – 0.5 Nm
- Extension unit: Double push-buttons, unlimited number max. 50 m
- Display: red/green LED
- Fuse protection: 10 A circuit breaker
- Nominal current: 4 A, cosφ = 0.6
- Frequency band: 2.4 GHz
- Transmission capacity: 2.5 mW
- Certification: CE, VDE, NF

Wiring diagram - Mounting of the Connected Blind Control Switch

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

Wiser™

Quick Home Connect Solutions for Roller Shutters and Blinds
Odace Design

Wiser Device

Quick Home Connect Kit for Surface Mounting - Shutter Control
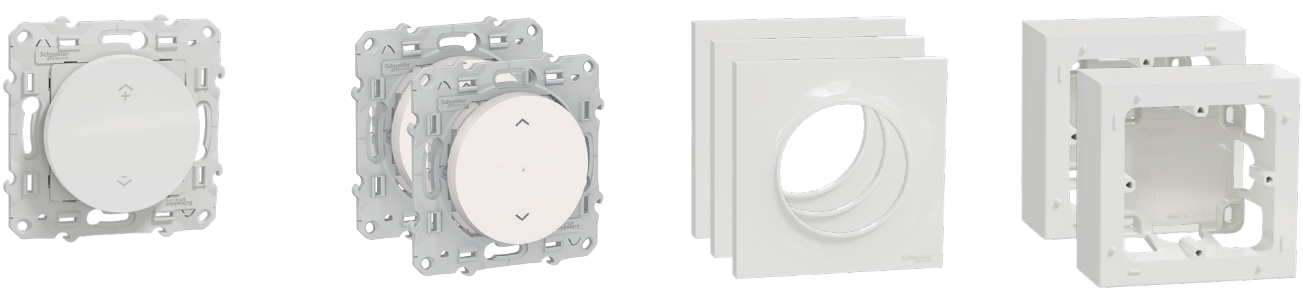
Description	Commercial ref.

Quick Home Connect Kit
Composition: Connected Wireless Switch 1-gang/2-gang (white) + 2 Connected Blind Control Switches (white) + 3 Odace Frames (white) + 2 Surface Mounting Boxes (white)

S520567SK

Features

The Quick Home Connect is a solution that allows connecting a wireless switch with a blind control switch. It's an easy way for centralized control of your shutters. Pairing occurs quickly with a 5-time press on each device. The solution does not require a gateway or a smart phone with the App. Thanks to the surface mounting boxes, the shutter can be fixed anywhere where a flush mounted wall box is not available. Quick Home Connect Kit includes one battery-powered wireless switch, two blind control switches, three Odace cover frames and two surface mounting boxes.

Quick Home Connect has the flexibility to be upgraded to our complete Wiser Smart Home Solution.

Find more details in the product pages of the S520531 Connected Wireless Switch 1-gang/2-gang, S520567W Wiser Blind Control Switch. Odace white frame product reference is S520702 and surface mounting box reference is S520762.

Note: The Quick Home Connect solution is suitable only for room control and cannot control the entire home with longer distances between the devices.
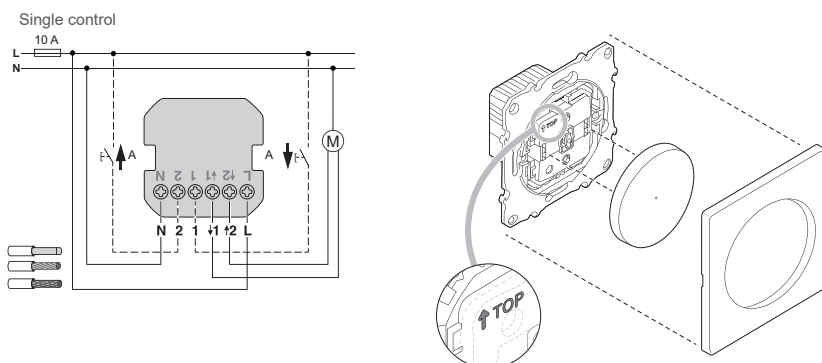
Technical Characteristics - Connected Wireless Switch 1-gang/2-gang

- Battery: CR2032
- Battery life: Up to 5 years (depending on frequency of use and quality of battery)
- IP rating: IP20
- Frequency band: 2.4 GHz
- Max. radio-frequency power transmitted: <10 mW

- Ambient temperature: -5 °C to 45 °C
- Storage temperature: -5 °C to 45 °C
- Transport temperature: -25 °C to 70 °C
- Relative humidity: 5 % to 95 %
- Communication protocol: Zigbee 3.0 certified

Technical Characteristics - Connected Blind Control Switch

- Nominal voltage: AC 230 V ~, 50 Hz
- Standby power: max 0.4 W
- Connecting terminals: Screw terminals for max. 2 x 2.5 mm^2 – 0.5 Nm
- Extension unit: Double push-buttons, unlimited number max. 50 m
- Display: red/green LED

- Fuse protection: 10 A circuit breaker
- Nominal current: 4 A, cosϕ = 0.6
- Frequency band: 2.4 GHz
- Transmission capacity: 2.5 mW
- Certification: CE, VDE, NF

Wiring diagram - Mounting of the Connected Blind Control Switch

Single control

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

Safety and Security Solutions

Wiser safety and security solutions are designed to provide peace of mind. Whether it's heat, humidity, leaks, or motion, these smart sensors make sure that your home is safe and secure, even when you are away.

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Schneider Electric's connected
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Wiser safety and security solutions
Sensors and Alarms

Window/Door Sensor

CCT591012

Description	Commercial ref.
Wiser Window/Door Sensor	**CCT591012**

Features

- The Wiser Window/Door sensor consists of two separate parts: primary (sensing circuit) and secondary (magnet).
- The primary part includes the sensing circuit which detects the secondary part.
- The primary part reports the window/door status (open/closed) when connected to the Wiser Hub.
- Reports low battery (less than 10 %), status with LED blinks orange once per minute, and a message is sent to the Wiser Hub.

Characteristics

- Operating voltage: 3 VDC (1 lithium button cell battery CR 2450)
- Battery life: Up to 5 years (may vary based on the usage, frequency of firmware update and environment)
- Nominal power: ≤90 mW
- Operating frequency: 2405 - 2480 MHz
- Max. radiofrequency power transmitted: ≤7 dBm
- IP rating: IP20
- Operating temperature: −10 °C to 50 °C
- Relative humidity: 10 % to 95 %
- Sensor dimensions (H × W × D): 50.3 × 33 × 16.3 mm
- Magnet dimensions (H × W × D): 50 × 9 × 9 mm
- Certification: Zigbee 3.0

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

Wiser safety and security solutions
Sensors and Alarms

Wiser Device

Water Leakage Sensor

CCT592012

Description	Commercial ref.
Wiser Water Leakage Sensor	**CCT592012**

Features

- The Wiser Water Leakage Sensor detects the presence of water and alerts through an alarm and/or notification.
- When connected to the Wiser Hub, it sends an alarm sound and reports the event to the house owner through a notification on the smartphone.

- Reports low battery (less than 10 %), status with LED blinks orange once per minute and a short beep sound sent once per minute. A message is sent to the Wiser Hub.

Characteristics

- Operating voltage: 3 VDC (2 batteries LR03 AAA)
- Battery life: Up to 5 years (may vary based on the usage, frequency of firmware update and environment)
- Nominal power: ≤90 mW
- Operating frequency: 2405 - 2480 MHz
- Max. radiofrequency power transmitted: ≤7 dBm
- IP rating: IP44
- Operating temperature: −10 °C to 50 °C
- Relative humidity: 10 % to 95 %

- Sound level: ≥70 dB at 3 m distance
- Dimensions (H × W × D): 70.8 × 68.68 × 18.96 mm
- Mounting: In the area of detection with the water sensor facing downwards
- Certification: Zigbee 3.0

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

Wiser safety and security solutions
Sensors and Alarms

Temperature/Humidity Sensor

CCT593012

Description

Wiser Temperature/Humidity Sensor

Commercial ref.

CCT593012

Features

- The Wiser Temperature/Humidity Sensor combines two sensors in one unit.
- Measures temperature and humidity in the environment where the sensor is installed.
- Reports temperature and humidity data when connected to the Wiser Hub.
- Reports low battery (less than 10 %), status with LED blinks orange once per minute, and a message is sent to the Wiser Hub.

Characteristics

- Operating voltage: 3 VDC (1 lithium button cell battery CR 2450)
- Battery life: Up to 5 years (may vary based on the usage, frequency of firmware update and environment)
- Nominal power: ≤90 mW
- Operating frequency: 2405 - 2480 MHz
- Max. radiofrequency power transmitted: ≤7 dBm
- IP rating: IP20
- Operating temperature: −10 °C to 50 °C
- Temperature accuracy: ±1.5 °C
- Temperature resolution: 0.1 °C
- Relative humidity: 10 % to 95 %
- Humidity accuracy: ±5 %
- Dimensions (H × W × D): 45.0 × 45.0 × 17.2 mm
- Mounting type: Surface-mounting, with screws or adhesive pads
- Certification: Zigbee 3.0

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

Wiser safety and security solutions
Sensors and Alarms

Wiser Device

Motion Sensor

CCT595012

Description	Commercial ref.
Wiser Motion Sensor	**CCT595012**

Features

- The Wiser Motion Sensor detects movement and measures luminance in a room, and reports the status to the Wiser Hub.
- It controls Wiser devices to configure the room for a desired effect.
- The threshold of luminance settings and/or detection of movement can be programmed to determine what action to be taken at that moment, for example, switch on a lamp controlled by a Wiser switch or dimmer.
- Reports low battery (less than 10 %), status with LED blinks orange once per minute, and a message is sent to the Wiser Hub.

Characteristics

- Operating voltage: 3 V DC (2 batteries LR03 AAA)
- Battery life: Up to 5 years (may vary based on the usage, frequency of firmware update and environment)
- Nominal power: ≤90 mW
- IP rating: IP20
- Operating frequency: 2405 - 2480 MHz
- Max. radio frequency power transmitted: ≤7 dBm
- Operating temperature: -10 °C to 50 °C
- Relative humidity: 10 % to 95 %

- Lux measurement range: 0 lx to 2000 lx
- Lux resolution: 1 lx
- Dimensions (Ø × H): Ø 75.0 × 26.6 mm
- Mounting type: Surface mounting on ceiling and wall only
- Ceiling mounting:
  - At 2.5 m
  - Detection angle: 360°
  - Detection range: 4 m diameter max.
- Wall mounting:
  - At 1.2 m
  - Detection angle: 90° to 110° horizontal and vertical
  - Detection range: 5 m in radius max.
- Certification: Zigbee 3.0

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

Wiser safety and security solutions
Sensors and Alarms

Wiser Home app
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Smoke Alarm - Battery

CCT599002

Description	Commercial ref.
Wiser Smoke Alarm - Battery	**CCT599002**

Features

- The Wiser Smoke Alarm - Battery uses a photoelectric sensor to detect the smoke generated by fire.
- When connected to the Wiser system, the device sends the notifications through the Wiser Home app. It can also trigger signals through other products
  (for example, flash lights) connected to the Wiser system.
- The smoke alarm can be temporarily deactivated to avoid false alarm when cooking etc. An additional temperature sensor still provides basic protection.

Characteristics

- Battery life: 10 years (Not replaceable after 10 years)
- Operating current: ≤70 mA
- Sensing type: Photoelectric. This alarm contains NO radioactive material.
- Operating temperature: 0 °C to 45 °C
- Relative Humidity: 5 % to 95 %
- Interconnecting: RF+Zigbee, max. 40 devices in one network
- Operating frequency: Zigbee: 2405 - 2480 MHz RF: 868 MHz
- Wireless range:
  - Zigbee: 40 m line of sight
  - RF: 50 m line of sight
- Horn level: 85 dB at 3 m

- Hush mode duration: 10 minutes
- LED brightness levels: High/Low
- Alarm memory: 72 hours
- Temperature for alarm: If temp > 57 °C
- Mounting type: Mounting on ceiling and wall only
- Dimensions (H × W × D): 89 × 89 × 33.5 mm
- Certification: Zigbee 3.0, EN 14604: 2005 + AC 2008, Q-Label

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

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Wiser safety and security solutions
Sensors and Alarms

Wiser Device

Smoke Alarm - 230 V

CCT599502

Description

Wiser Smoke Alarm - 230 V

Commercial ref.

CCT599502

Features

- The Wiser Smoke Alarm uses a photoelectric sensor to detect smoke generated by fire.
- When connected to the Wiser system, the device will send the notifications via the Wiser Home app.

- The smoke alarm can be temporarily deactivated to avoid false alarm when cooking etc. An additional temperature sensor still provides basic protection.

Characteristics

- Power supply: 110 - 240 V AC, 50 / 60 Hz
- Backup-battery life: 10 years (Not replaceable after 10 years)
- Operating current: ≤40 mA
- Sensing type: Photoelectric. This alarm contains NO radioactive material.
- Operating temperature: 0 °C to 45 °C
- Ambient Humidity: 5 % to 95 %
- Interconnecting: RF + Zigbee, max. 40 devices in one network
- IP degree: IP20

- Operating frequency: Zigbee: 2405 - 2480 MHz RF: 868 MHz
- Wireless range: 40 m indoor line of sight
- Horn level: 85 dB at 3 m
- Mounting type: Mounting on ceiling and wall only
- Dimensions (H × W × D): 115 × 115 × 46 mm
- Terminals: 1 × 4 way terminal (interconnection, Earth/Loop, Neutral, Life)
- Wiring capacity: up to 2 × 1.5 mm² per terminal
- Standard: EN 14604: 2005 + AC: 2008
- Certification: Zigbee 3.0

Wiring diagram
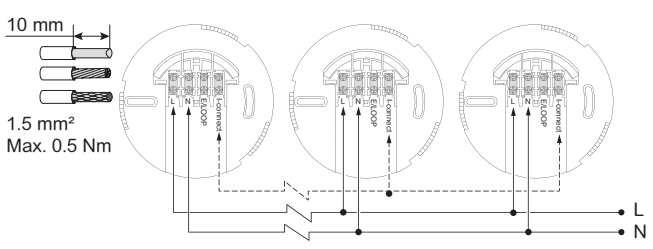
For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

Life Is On I Schneider Electric

Energy Monitoring Solutions

PowerTag Energy is a wireless-communication energy sensor designed for energy management and power availability applications for new or existing residential installations. Associated with the Wiser Gateway, PowerTag Energy provides a complete wireless class 1 solution to monitor energy at any level of a distribution panel. The PowerTag Energy sensor incorporates every feature required to perform accurate real-time energy values up to 63 A. It is used together with the Wiser Gateway to collect information from every equipped circuit to identify which load is consuming most energy. PowerTag Energy is easy to install in no time on new or existing panels.

PowerTag Energy Flex 63 A Resi9
PowerTag Energy Flex can be mounted on a wide range of protective devices which have a rating less than or equal to 63 A.

Monitor and learn your home's entire energy consumption behavior, get your bill overview and personalized energy saving insights with just a single PowerTag Energy

Keep a close eye on energy consumption

Reduce your energy bills and live more sustainably

PowerTag Energy provides you an in-depth visibility of your energy consumption so you can use energy better and more efficiently. With energy costs on the rise, knowing how you use energy is key to optimizing your bills.

With a single PowerTag Energy at home you can get:

- Energy consumption view of the entire house and at the load level (thanks to disaggregation technology)
- Real-time consumption view of the entire house (thanks to PowerTag Energy)
- Personalized energy insights (similar homes comparison and energy saving tips based on user's home profile)
- Notified when an abnormal consumption is detected
- Bill overview from the beginning of the year

Power flow (kW) and
Energy consumption (kWh)
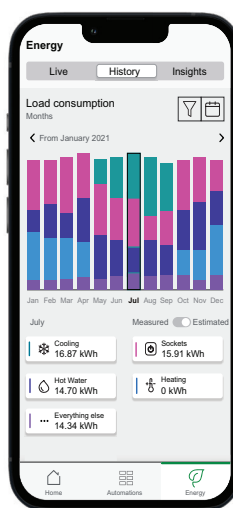
Energy consumption history
and the breakdown by loads
(day/month/year)
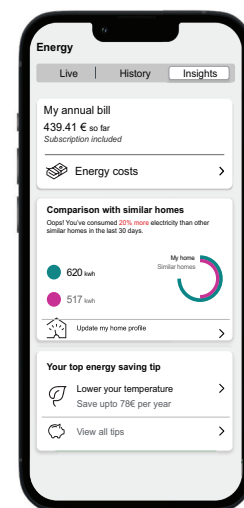
Energy bill, similar home
comparision and energy
saving tips

*Insights to be activated 1 month after the PowerTag installation.

*Installing multiple PowerTag Energy allows you to monitor each load individually.

A survey report - 71 % of users reduced their energy consumption on a 6.8 % on average.

*A multi-year analysis of over 1,000 utility customers in Norway who used a Smart Energy app.

Wiser Device

Wiser™

Eco Watt

Eco Watt will provide you with the live and forecasted status of the grid and alert you if there is a risk of a power cut. It will also advise you on good gestures to reduce your energy consumption and avoid critical tension on the grid.

Live and forecasted national electrical grid status:

- **Green**: The electrical grid is operating normally.
- **Amber**: The electrical grid is tense, and the eco gestures are highly recommended.
- **Red**: The electrical grid is very strained, and there is not enough electricity to fulfil France's needs. Everyone should reduce their consumption.

Status alerts: Sent 2 hours in advance (can be changed in "preferences").

Eco tips:

- Act in the event of an amber or red grid status
- Consume at the best time
- Save energy
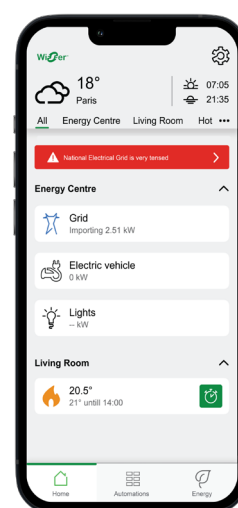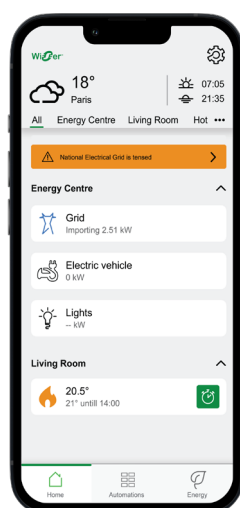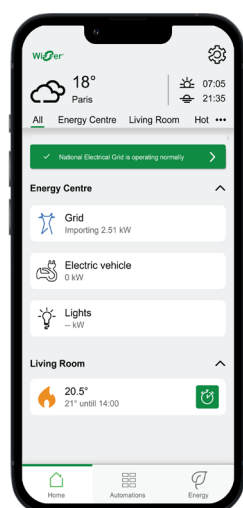
Energy view of individual devices

You can monitor more devices in the powerflow in the Energy tab. You can view the energy consumption in kWh on a daily, weekly, monthly and yearly basis.
The powerflow will display instant power of the below devices if you have installed them.

- Smart Plugs
- Connected Sockets
- 16 A Relays

Advantages:

- Live data of individual devices
- History of individual devices
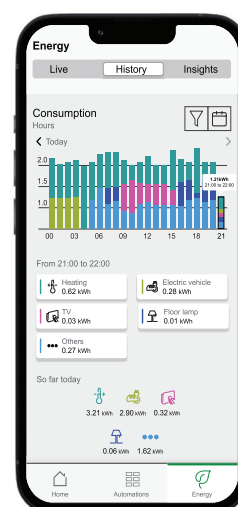
Wiser™

Wiser solutions for energy monitoring
PowerTag Energy

PowerTag

R9M60

R9M70

Description	Commercial ref.
PowerTag Energy F63 Resi9 1P+N	**R9M60**
PowerTag Energy F63 Resi9 3P+N	**R9M70**

Features

Rated voltage	Un	1P+N	Phase-to-neutral	200...240 V AC ± 20 %
	Un	3P+N	Phase-to-neutral	220...240 V AC ± 20 %
			Phase-to-phase	380...415 V AC ± 20 %
Frequency			50 Hz	
Maximum current			Imax	63 A
Base current			Ib	10 A
Saturation current				130 A
Starting current			Ist	40 mA

Environment

Operating temperature		-25 °C to +60 °C
Storage temperature		-40 °C to +85 °C
Overvoltage category	As per IEC 61010-1	Cat. III
Measuring category	As per IEC 61010-2-30	Cat. III
Altitude		≤2000 m
Degree of protection	Device only	IP20
	IK	05

Radio-frequency communication

| ISM band 2.4 GHz		2.4 GHz to 2.4835 GHz
Channels	As per IEEE 802.15.4	11 to 26
Isotropic Radiated Power	Equivalent (EIRP)	0 dBm
Maximum transmission time		<5 ms
Channel occupancy	Messages sent every	5 seconds minimum

Characteristics of measuring functions

Function		Performance category as per IEC 61557-12	Device measuring range
Active energy (delivered and received)	Ea	Class 1	Total and partial 0 to 99999999.9 kWh
Current	I	Class 1	40 mA to 63 A
Voltage	U	Class 0.5	Un ± 20 %

Weight

R9 F63	1P + N	16
	3P + N	40

Connections

PowerTag Energy R9 F63
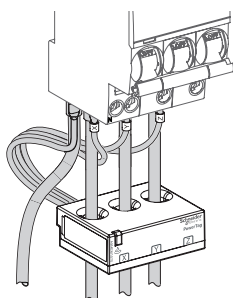
To allow PowerTag Energy Resi9 F63 to adapt to different types of terminals, the voltage tap lugs can be replaced with other end-pieces or lugs for AWG22/0.33 mm² wires.

Stripping length: respect the stripping length stated on the device that the PowerTag Energy is associated with.

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

PowerTag Control

Add PowerTag Control to help your customers automatically turn ON their Electric Hot Water system, Water Heat Pump, Pool Pump or other appliances during periods of solar excess production period or off peak hours, based on their preferred schedule, to reduce their electricity bill.

Key specifications of PowerTag Control:

- Wireless-communication input and output module
- Designed specifically to control loads
- Can be associated with contactor for circuit above 2 A
- Easy to install, wire and commission
- Product can be installed in new or existing panels with simple commissioning operation
- Mounted on DIN rail
- Local override from the front face push button
- Information on device control status via LED

Wiser™

Wiser solutions for energy monitoring

PowerTag Control

Control electricity intensive loads with PowerTag Control

Actuator to control loads from electrical panels and optimize their energy consumption through the Wiser Home app.

PowerTag Control is a wireless energy sensor that offers advanced control capabilities for improving energy efficiency, reducing costs, and promoting sustainability in various installations and applications.

Control your customer's hot water, pool pump or other large loads remotely from the Wiser Home app:

- Set moments and automation
- Scheduling function (ON/OFF)
- View energy consumption history
- Get device notifications
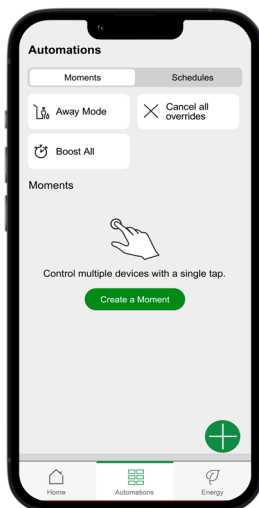
Moments and Automations
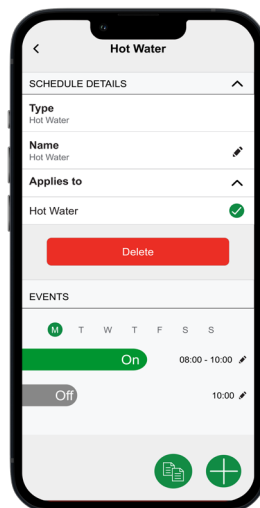
Scheduling (ON/OFF)
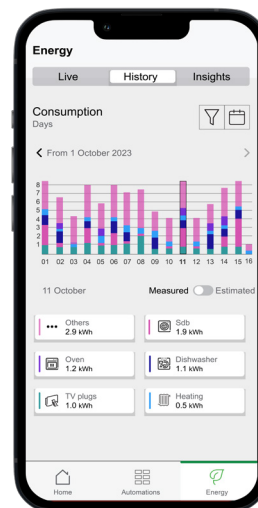
Energy consumption history

Notifications

Key Benefits

- Reduce your bill in scheduling the use of your loads when electricity prices are low or at times of solar excess production
- Adapting to unexpected events with easy control from the app (start, stop, override function)
- Easy to install and to activate through the Wiser Home app

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

Wiser solutions for energy monitoring
PowerTag Control

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Wiser Device

PowerTag Control

A9XMC1D3
PowerTag C IO 230 V

Description | Commercial ref.

Description	Commercial ref.
PowerTag Control	**A9XMC1D3**

Features

Rated voltage		230 V AC ± 20 %
Frequency		50/60 Hz
Maximum consumption	IO	≤ 2 VA
	2DI	≤ 3 VA
Manual override		Push button on the front of the module

Environment

Operating temperature		-25 °C to +60 °C
Storage temperature		-40 °C to +85 °C
Relative humidity (60068-2-78)		93 % at 40 °C
Overvoltage category	As per IEC 61010-1	Cat. III
Altitude		≤2000 m
Pollution degree		3
Degree of protection according to IEC 60529	Front face	IP40
	Casing	IP20
	IK	05

Characteristics of inputs and outputs

Digital input		
Type		230 V AC, dry contact
Digital output		
Type		230 V AC, dry contact
Relay type		Normally open or normally closed (setting adjustable)
Applicable voltage on output		230 V AC ± 20 %
Minimum/maximum current on output		10 mA / 2 A
Type of output order		Pulse or latch (setting adjustable)
Pulse length in control mode with impulse relay		Nominal: 300 ms

Radio-frequency communication

ISM band 2.4 GHz		2.4 GHz to 2.4835 GHz
Channels	As per IEEE 802.15.4	11 to 26
Isotropic Radiated Power	Equivalent (EIRP)	0 dBm
Channel occupancy	Messages sent	■ On event
		■ Periodically (5 secs nominal)

Note: Download the Wiser Home app to your smartphone, and install the Wiser Hub 2nd Generation to configure and control Wiser devices. You can use the app to pair, set up and control Wiser devices. The Wiser Home app is available in the App stores for smartphones supporting operating systems Android™ OS (version 7 and above) or Apple® iOS (version 11 and above).

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

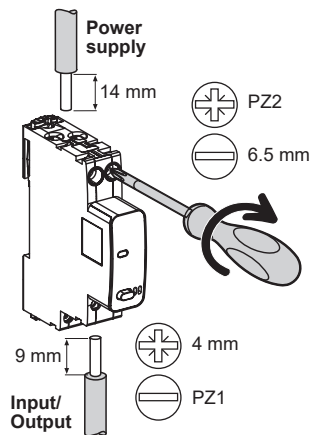# Wiser solutions for energy monitoring
PowerTag Control

Installation

Installation guideline	It is recommended to install the PowerTag within 3 metres of the Wiser Hub 2nd Generation for best results.

Weight

PowerTag C IO 230 V	80 g

Connections

Power supply
14 mm
PZ2
6.5 mm

9 mm
4 mm
PZ1
Input/Output

Wiser solutions for energy monitoring
New Unica

Wiser Device

Connected Single Socket Outlet 16 A
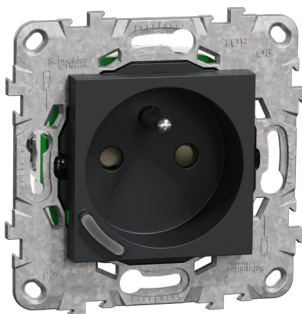
NU555918   NU555930   NU555954

Description

Connected Single Socket Outlet 16 A

	Commercial ref.
White	**NU555918**
Aluminium	**NU555930**
Anthracite	**NU555954**

Features

Control and communication
- Connected Single Socket Outlet 16 A can remotely control and monitor the power consumption of the plugged-in load.
- The device is equipped with a temperature protection mechanism.
- When the device is used with a high load over a long time, the mechanism can switch the socket OFF.
- Wireless data exchange with Hub 2nd Generation.

Characteristics

- Nominal voltage: AC 230 V, 50 Hz
- Standby: Max. 0.4 W
- Fuse protection: 16 A miniature circuit breaker
- Connecting terminals: Terminals for max. 2 × 2.5 mm^2
- Operating frequency: 2405-2480 MHz
- Max. radio-frequency power transmitted: <10 mW
- IP rating: IP20
- Measuring accuracy: ±1 % for loads >25 W
- Communication protocol: Zigbee 3.0

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

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Wiser solutions for energy monitoring
Odace Design

Connected Single Socket Outlet 16 A

S520559   S530559   S540559

Description	Commercial ref.
Connected Single Socket Outlet 16 A	
White	**S520559**
Aluminium	**S530559**
Anthracite	**S540559**

Features

Control and communication
- Connected Single Socket Outlet 16 A can remotely control
  and monitor the power consumption of the plugged-in load.
- The device is equipped with a temperature protection mechanism.
- When the device is used with a high load over a long time, the mechanism
  can switch the socket OFF.
- Wireless data exchange with Hub 2nd Generation.

Characteristics

- Nominal voltage: AC 230 V, 50 Hz
- Standby: Max. 0.4 W
- Fuse protection: 16 A miniature circuit breaker
- Connecting terminals: Terminals for max. 2 × 2.5 mm^2
- Operating frequency: 2405-2480 MHz
- Max. radio-frequency power transmitted: <10 mW
- IP rating: IP20
- Measuring accuracy: ±1 % for loads >25 W
- Communication protocol: Zigbee 3.0

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

Wiser solutions for energy monitoring
Ovalis C Series

Connected Single Socket Outlet 16 A

S320559

S340559

Description

Connected Single Socket Outlet 16 A		Commercial ref.
	White	**S320559**
	Anthracite	**S340559**

Features

Control and communication
- Connected Single Socket Outlet 16 A can remotely control and monitor the power consumption of the plugged-in load.
- The device is equipped with a temperature protection mechanism.
- When the device is used with a high load over a long time, the mechanism can switch the socket OFF.
- Wireless data exchange with Hub 2nd Generation.

Characteristics

- Nominal voltage: AC 230 V, 50 Hz
- Standby: Max. 0.4 W
- Fuse protection: 16 A miniature circuit breaker
- Connecting terminals: Terminals for max. 2 × 2.5 mm^2
- Operating frequency: 2405-2480 MHz
- Max. radio-frequency power transmitted: <10 mW
- Protection: IP20
- Measuring accuracy: ±1 % for loads >25 W
- Communication protocol: Zigbee 3.0 certified

Wiring diagram - Mounting

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

Wiser eMobility Solutions

EVlink Home Smart with Home Anti-tripping system provides a perfect solution to charge your car without disrupting your lifestyle, keeping your installation running as needed.

The smart charger EVlink Home Smart is connected to the Wiser Home app. The Wiser Home app for residential energy management enables an easy access to monitor and control the charging experience remotely.

Wiser eMobility solutions

Smart End-to-End Solution

"I want to charge my car without tripping my house, while optimizing my comfort and keeping my energy consumption under control."

EVlink Home Smart provides homeowners with an easy and smart charging experience.
Charge at the right time, with the option to prioritize renewable power charging to optimize consumption, avoid power overruns and reduce your carbon footprint.

EVlink Home Smart

Wall-mounted charging station
Convenient, compliant, and appealing design:
• A full range of products: T2/T2S socket, with or without attached cable, 3 power ranges available.
• Built-in internal protection: RDC-DD 6 mA filter
• Communication protocol OCPP1.6J
• User-friendly LED status indicator.

Anti-tripping System

Power load management
• Continuously adapt the power supplied to charge the car taking home consumption into account.
• No need for additional communication cable (Power Line Communication).
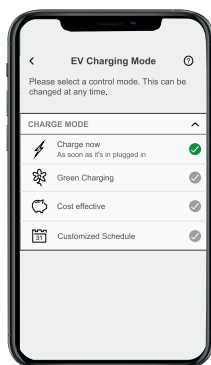
Wiser Home app

Connected technology
• Remote control and scheduling
• Reimbursement capability
• Energy budget follow-up/control

Wiser™

Wiser eMobility solutions
Smart End-to-End Solution

Peace of mind
No disruption of your lifestyle and keep your installation running

Fast
Speed-up your charging duration

Sustainable
Manage your energy consumption with ease and switch to renewable sources

Cost efficient
Choose the right time to charge avoiding peak tariffs and selecting cheaper energy

Customer benefits

▶▶ For the homeowner:
- Appealing offer
- Energy consumption and carbon footprint reduction
- Company car reimbursement management

▶▶ For home builders:
- Competitive and certified offer
- Benefit of Schneider Electric's reputation network of certified partners

▶▶ For electricians:
- Reduced installation time
- Schneider Electric certification and training
- Products available from distributors

▶▶ For distributors:
- Competitive offer to become the One-Stop Shop for EVs.
- Entire application sales with strong market demand

Smart Charging End-to-End Solution

Protect the **charger** and the electrical installation

Upgrade the LV cabinet

PLC

EVlink anti-tripping system
Peak Controller with automatic restart function

1. **RCD** Detect pulsating DC residual current
2. **MCB** Provide short-circuit and cable overload protection
3. **MNx** Undervoltage release for protection

Commission easily with **eSetup**

Charge your **EV**

EVlink Home Smart
Certification: CE 61851-1 ed 3.0

Make the most of your **charger**

INTERNET

Wiser

Home Internet Network

An app designed for residents to schedule, monitor and control their EV energy consumption

Power: from 3.7 to 11 kW

T2/T2S socket, or 5 m attached cable

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Download
Wiser Home app
Schneider Electric's connected technology for homes

 Available on the **App Store**   GET IT ON **Google Play**

Wiser eMobility solutions
EVlink Home Smart

EVlink Home Smart

| Description	Commercial ref.
EVlink Home Smart T2 1P+N 3.7 kW 16 A with RDC-DD	EVH4A03N2
EVlink Home Smart T2 1P+N 7.4 kW 32 A with RDC-DD	EVH4A07N2
EVlink Home Smart T2 3P+N 11 kW 16 A with RDC-DD	EVH4A11N2
EVlink Home Smart T2S 1P+N 3.7 kW 16 A with RDC-DD	EVH4A03N4
EVlink Home Smart T2S 1P+N 7.4 kW 32 A with RDC-DD	EVH4A07N4
EVlink Home Smart T2S 3P+N 11 kW 16 A with RDC-DD	EVH4A11N4
EVlink Home Smart cable 5 m 1P+N 3.7 kW 16 A with RDC-DD	EVH4A03NC
EVlink Home Smart cable 5 m 1P+N 7.4 kW 32 A with RDC-DD	EVH4A07NC
EVlink Home Smart cable 5 m 3P+N 11 kW 16 A with RDC-DD	EVH4A11NC
EVlink Home Smart 1P+N 3.7 kW 16 A T2S - with RDC - DD Filter - TIC	EVH4A03N400F
EVlink Home Smart 1P+N 7.4 kW 32 A T2S - with RDC - DD Filter - TIC	EVH4A07N400F
EVlink Home Smart 3P+N 11 kW 16 A T2S - with RDC - DD Filter - TIC	EVH4A11N400F

Features

- T2 socket outlet with shutter
- Exclusive options for energy management: real-time maximum charging current control
- Versatile Connection:
  - Communication Power Line Carrier with Home Anti-tripping system
  - OCCP 1.6 J
  - Wi-Fi and RJ45 Ethernet
- Remote Features:
  - Scheduling
  - Start/Stop through Remote
  - Monitoring and history

Characteristics

- Rated voltage:
  - 400 V AC 50/60 Hz (3P + N)
  - 230 V AC 50/60 Hz (1P + N)
- Max. power:
  - 1P + N: 3.7 kW 16 A
  - 1P + N: 7.4 kW 32 A
  - 3P+N: -11 kw 16 A
- Charging current: 6 A to 32 A
- Internal protection: 6 mA DC filter
- Access control modes: Free access
- IP rating: IP54 attached cable version; IP55 socket version
- IK rating: IK10
- Operating temperature: -30 °C to + 50 °C

- Storage temperature: -40 °C to +85 °C
- Relative humidity: 5 % to 95 %
- Earthing system: TT, TN-S, TN-C-S
- Dimensions (H × W × D): 409 × 282 × 148 mm (without cable)
- Weight:
  - 1P + N: 4.5 kg
  - 3P + N: 5.6 kg
- Mounting type: Wall mounting
- eSetup Smart phone commissioning app (to pair with Home network)
- Access control modes: Free access
- Warranty: 24 months for the entire EVlink range
  Additional: 1 or 3 years Warranty Extension

Dimensions (mm)
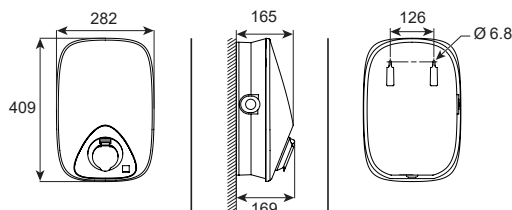
For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

Wiser Device

Wiser eMobility solutions
EVlink Home Anti-tripping System

EVlink Home Anti-tripping System

Description

Description	Commercial ref.
EVlink Home Anti-tripping System 1P+N	**EVA1HPC1**
EVlink Home Anti-tripping System 3P+N	**EVA1HPC3**

Features

- Home Anti-tripping is a power load management system that continuously adapts the power supplied to charge the car, taking home consumption into account.
- The power availability is calculated by the Home Anti-tripping system by comparing the utility power limit and the home consumption gathered by a current transformer positioned on the bottom of the main circuit breaker.

Characteristics

- Power supply: 220/230 V (± 10 %)
- Frequency: 50/60 Hz
- Rated power: 4 W
- Overvoltage category: III
- Pollution degree: 2
- Insulation degree: reinforced insulation
- Sampling current range: AC 1 to 100 A/period is 1 second
- Possible max. current value settings: 16 A, 20 A, 25 A, 32 A, 40 A, 50 A
- Communication: Power Line Carrier with EVlink Home charger
- Dimensions (L × W × H): 70.4 × 93.2 × 68.8 mm
- Weight: 196 g
- Mounting type: Top-hat rail mounting
- Nominal temperature: - 30 °C to + 50 °C
- Warranty: 24 months for the entire EVlink Home range
- Standards: EN 61010-1-2010, EN 61326-1-2013

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

eMobility Solutions

Schneider Charge with Reduce my Bill with AI feature and Anti-tripping function when connected with Wiser Home app provides a perfect solution to customers looking at charging their EV at the lowest possible cost and without disrupting their lifestyle.

The Wiser Home app helps prevent overload tripping by either dynamically switching OFF or reducing the charge speed of the EV based on the switchboard current limit, ensuring continuous power supply to the home

Key specifications of Schneider Charge:
- 1 phase and 3 phase options, 7/11/22 kW EV charger
- Operate and commission via the Wiser Home app
- Remote monitoring and control, including dimming with Wiser Home or 3rd party apps via OCPP1.6J communication standard
- Smart charging modes in Wiser Home app to reduce energy costs from charging
- Also works with Wiser Home app as a standalone product (without Wiser Hub 2nd Generation) and with dedicated peak controller (optional)
- Wi-Fi (access point + client), 1 Ethernet port
- Designed to streamline installation and commissioning process
- Robust design and strong resistance to shocks, suitable for outdoor installation

Wiser™
eMobility solutions
Schneider Charge
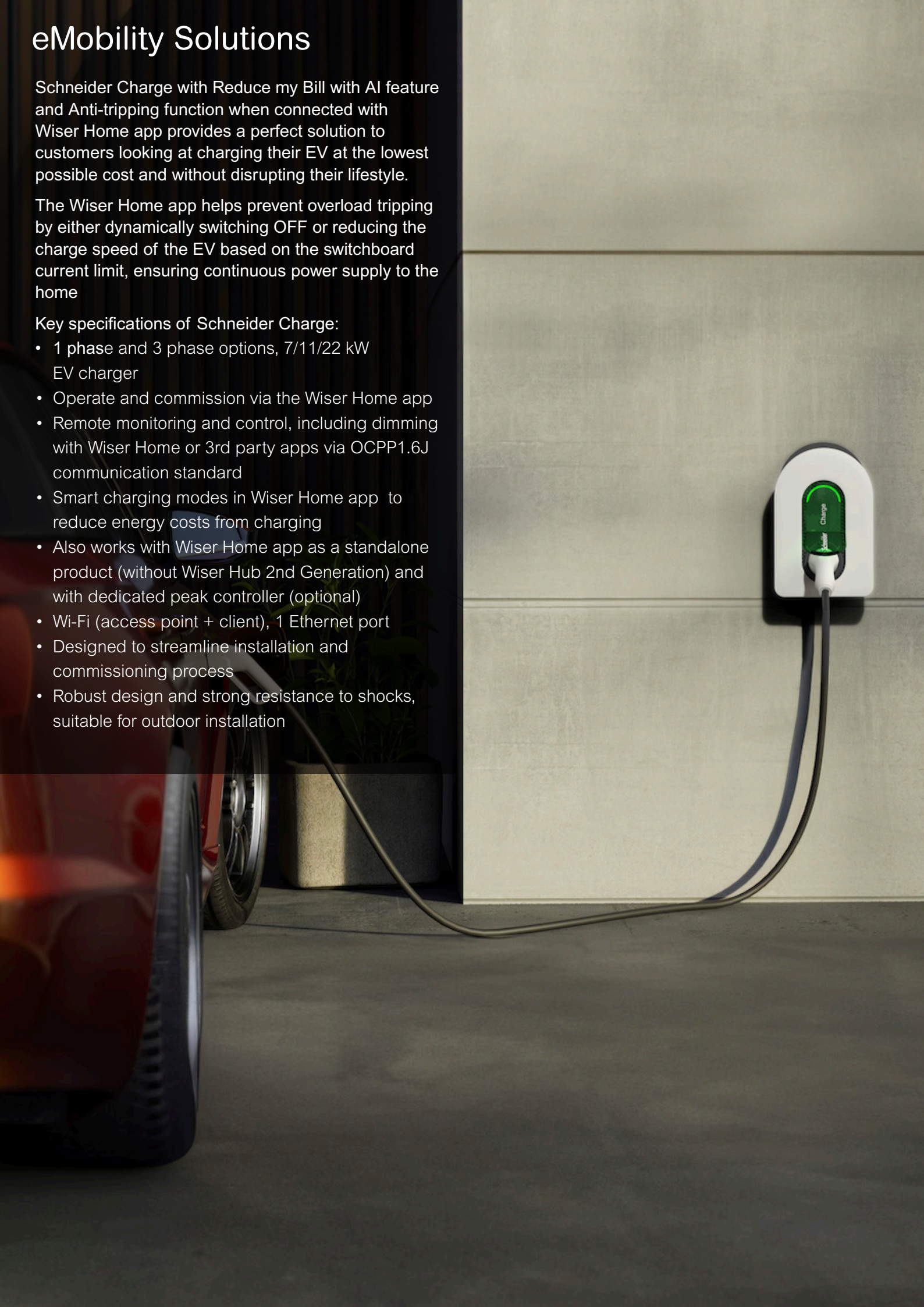
"I want a safe, efficient, and effortless charging experience"

With the Wiser Home-compatible Schneider Charge, your customers can charge their electric vehicle conveniently and safely while reducing costs and CO2 emissions

Allow your customers to charge their EV according to their routine, take advantage of off-peak hours or solar excess production.

Help your customers reduce their energy bills by charging their EV using the below control options:

- EV charge control (start/stop)
- Anti-tripping function (Switching OFF or Dimming) to avoid power outage
- Charging modes (Charge now, Reduce My Bill, Customised Schedule)
- Charging schedule notifications
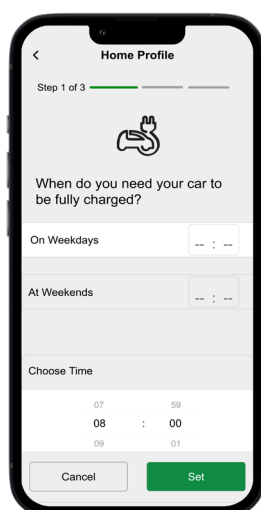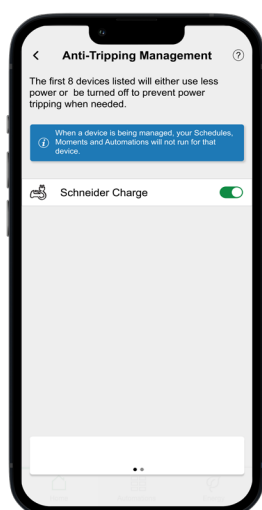
Charge control   Anti-tripping   Charging modes   Notifications
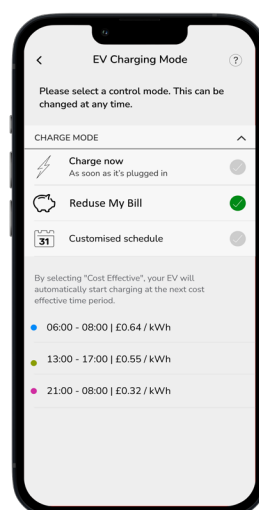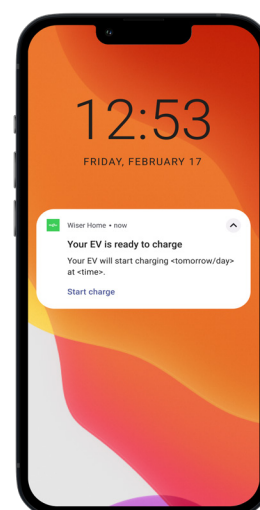
Key Benefits

- Reduce your bill by automatically charging your EV with solar energy or at the lowest cost, while following your routine
- Remote monitoring and control
- Automatically maintain power continuity with the Anti-tripping solution (load shedding, load dimming)
- Keep tracking your energy consumption and related costs on the Energy Dashboard
- Adapting to unexpected events with easy control from the app (start, stop, override function)
- Easy to install and activate (only scan the QR code to pair it) through the Wiser Home app

Wiser™

eMobility solutions
Schneider Charge

Schneider Charge

Description	Commercial ref.
Schneider Charge 7.4/11/22 kW 1P+N/3P+N T2S	**EVH4A03N2**
Schneider Charge 7.4 kW 1P+N 5 m cable	**EVH4A07N2**
Schneider Charge 11 kW 3P+N 5 m cable	**EVH4A11N2**
Schneider Charge 7.4 kW 1P+N 7 m cable	**EVH4A03N4**
Schneider Charge 11 kW 3P+N 7 m cable	**EVH4A07N4**

Features

- Local signaling:
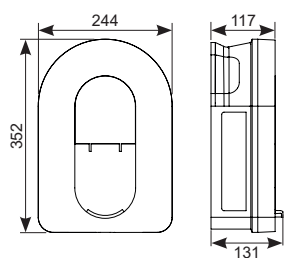 – Status indication with multi-color LED
  – LED indication for Wi-Fi® connection and pairing
- Load management:
  – Possibility to connect with Anti-tripping system
  – OCCP 1.6 J
  – Wi-Fi® and RJ45 Ethernet

- Remote Features:
  – Scheduling
  – Start/Stop via Remote
  – Energy consumption/cost
  – Monitoring and history
- Attached cable for 5 m or 7 m with T2 connector
- Built-in micro programmed control unit for measurement: accuracy 1 %

Characteristics

- Rated voltage:
  – 230 V AC 50/60 Hz ±10 % (1P + N)
  – 400 V AC 50/60 Hz ±10 % (3P + N)
- Nominal output power:
  – 1P + N: 7.4 kW 32 A
  – 3P + N: 11 kW 16 A, 22 kW 32 A
- Cabling:
  – Top, back or bottom cabling
  – Built-in fast connector. Ready for voltage test
- Charging current: 16 A to 32 A
- Internal protection: RCD-DD 6 mA DC filter
- Access control modes: Free access
- Socket-outlet type: 1 (only T2S)
- IP degree of protection: IP55 conforming to IEC 60529
- IK degree of protection: IK10 conforming to IEC 62262
- Operating temperature:
  – -35 °C to 45 °C (3P 32 A)
  – -30 °C to 50 °C (1P 32 A)
  – -30 °C to 55 °C (3P 16 A)

- Storage temperature: -40 °C to +85 °C
- Relative humidity: 5 % to 95 %
- Earthing system: TT, TN-S, TN-C-S, IT/TT without neutral (230 V AC only)
- Dimensions (H × W × D): 352 × 244 × 131 mm (without cable)
- Weight:
  – 1P + N T2S Socket outlet: 3.2 kg
  – 1P + N:
    ▪ 5 m: 5.5 kg
    ▪ 7 m: 5.3 kg
  – 3P + N:
    ▪ 5 m: 4.4 kg
    ▪ 7 m: 5.1 kg
- Mounting type: Wall mounting
- Certification: CE, RCM

Dimensions (mm)

Download
Wiser Home app
Schneider Electric's connected
technology for homes

Available on the **App Store**   GET IT ON **Google Play**

eMobility solutions
Schneider Charge Anti-tripping System

Schneider Charge Anti-tripping System

Description	Commercial ref.
Schneider Charge Anti-tripping system 1P 32 A to 100 A	**EVA4HPC1**
Schneider Charge Anti-tripping system 3P 16 A to 50 A	**EVA2HPC3**

Features

- Schneider Charge anti-tripping module, working in conjunction with a Schneider Charge charging station, forms an intelligent load management system that continuously adapts the Charge's power output to the electric vehicle based on the available power in the home.
- The communication between the Home Anti-tripping system and the Schneider Charge charging station is done with power line communication preventing the need for separate communication cables.

Characteristics

- Power supply: 230 V AC 50/60 Hz, TT,TN, IT/TT without neutral
- Power input: 220 - 240 V AC (+/- 10 %) 50/60 Hz
- Number of phases:
  - Single phase: L + N
  - Three phase: L1 + L 2 + L 3 + N
- Rated power:
  - Single phase: 4 W
  - Three phase: 5 W
- Pairing functionality:
  - Pairing functionality between Schneider Charge charging station.
  - Up to 6 sets allow to be used at same time within PLC function range.
- Network interface Communication: Power Line communication with Schneider Charge charging station
- Polling interval: 1000 ms
- Photovoltaic application: Continuously adapts the charging power taking home consumption and self-generated energy into account
- Operating temperature: -30 °C to +50 °C
- Storage temperature: -40 °C to +85 °C

- Humidity: 5 % - 95 % no condensation
- Altitude: ≤ 2000 m
- Cooling: Natural cooling
- Dimensions (L × W × H):
  - Single phase: 70 × 93 × 69 mm
  - Three phase: 72 × 89 × 75 mm
- Weight:
  - Single phase: 196 g
  - Three phase: 180 g
- Rating:
  - Single phase:
    - Low rating: 16 A to 50 A
    - High rating: 32 A to 100 A
  - Three phase: Low rating: 16 A to 50 A
- Standards: EN 61010-1, EN 61326-1, RCM

Note: The Anti-tripping modules above are not required if the Wiser Hub 2nd Gen and PowerTags are used with the Wiser Home app.

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

Mureva EVlink

The simplicity of a socket with the smartness you need.

Mureva EVlink benefits from the Mureva Styl range's installation ergonomics: Large wiring volume, clipping insert, different entries, and cabling options. Thanks to its rubber back, the Mureva Evlink socket fits on any kind of indoor or outdoor wall.

Its ON/OFF button indicates the charging status and avoids standby energy loss, incorporates a cable holder and hooks for hanging the cable charger and the controller.

The Mureva EVlink socket can be integrated into the Wiser ecosystem and controlled remotely. Consumption can be visualized and tracked. In cases of anomalies or unusual consumption, the Wiser Home app sends alerts. The socket can be locked and switched OFF.

Mureva eMobility solutions
Mureva EVlink Socket

Mureva EVlink Socket

MUR36014   MUR36015   MUR36016

Description   Commercial ref.

| Description		Commercial ref.
Mureva EVlink Socket 16 A Pin Earth with Hook	**Anthracite**	**MUR36014**
Mureva EVlink Socket 16 A Pin Earth with Hook and Lock	**Anthracite**	**MUR36015**
Mureva EVlink Socket 16 A Pin Earth with Hook and RCBO	**Anthracite**	**MUR36016**

Features

- Used to charge plug-in hybrid cars, electric vehicles, bicycles, and scooters
- Allows getting an average of 15 km per hour of charging autonomy
- Reinforced to withstand maximum current delivery over hours, when the installation allows it
- Supports frequent cable plugging and unplugging
- Overheating and overcurrent permanent control
- LED indicates charging status: OFF/ON - Available/charging
- Delivered with an ergonomic hook to hang the cable and the controller
- Connectable to Wiser Home App. through Wiser Hub 2nd Generation enabling energy management and control

Characteristics

- Rated voltage: 230 V AC, 50 Hz, according to EN60669-2-1
- Max. rating:
    - 16 A, according to IEC 60884-1, ANNEX 1
    - 8 A, according to NF C61-314, ANNEX LL
- Type of cover: transparent cover
- Usage: indoor/outdoor (no sun exposure/shaded area recommended)
- IP degree of protection: IP66 (cover closed)/IP44 (when plug is inserted)
- IK degree of protection: IK08
- Operating temperature:
    - -15 °C to +35 °C at 16 A
    - -15 °C to +45 °C at 8 A
- Storage temperature: -25 °C to +55 °C

- Dimensions (H × W × D): 212 × 134.4 × 72.7 mm
- Mounting type: Surface mounting
- Connection: Screw fixed connections
- Cable section: 2.5 mm²
- Standard socket description: Socket outlet + pin earth
- Poles description: 2P+E
- Environmental resistance: UV, alcohol, oil, liquid soap
- Flame retardance: Auto-extinguishable at 650 °C according to IEC 60695-2-1
- Standards: IEC 60884-1/NF 61-314
- Warranty: Minimum 24 months
- Certification: CE, NF, ROHS

Wiring diagram - Mounting
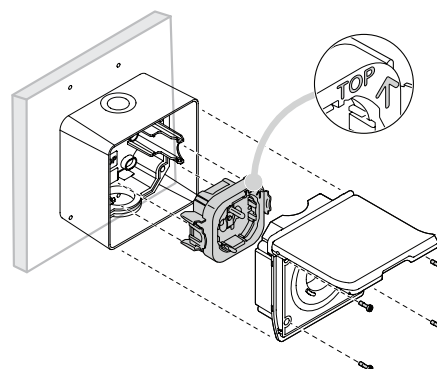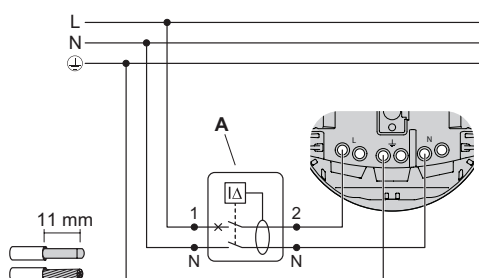
A: RCBO (Residual Current Circuit-Breaker with Overcurrent protection)

Note:
- Installation in a dedicated line with a 16 A, 30 mA type F RCBO is highly recommended.
  For MUR3x014 and MUR3x015 the RCBO must be procured separately
- For RCBO details, see R9PDCF16
- For Wiser Hub 2nd Generation details, see CCT501801

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_home

Wiser™

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Green Premium™

An industry leading portfolio of offers delivering sustainable value

Green Premium™

The Green Premium program stands for our commitment to deliver customer valued sustainable performance. It has been upgraded with recognized environmental claims and extended to cover all offers including Products, Services and Solutions.

More than 75 % of our product sales offer superior transparency on the material content, regulatory information and environmental impact of our products:

• RoHS compliance
• REACh substance information
• Industry leading # of PEPs*
• Circularity instructions

*PEP: Product Environmental Profile
(i.e. Environmental Product Declaration)

Discover what we mean by green...

Check your products!

CO_2 and P&L impact through… Resource Performance
Green Premium brings improved resource efficiency throughout an asset's lifecycle. This includes efficient use of energy and natural resources, along with the minimization of CO_2 emissions.

Cost of ownership optimization through… Circular Performance
We're helping our customers optimize the total cost of ownership of their assets. To do this, we provide IoT-enabled solutions, as well as upgrade, repair, retrofit, and remanufacture services.

Peace of mind through… Well-being Performance
Green Premium products are RoHS and REACh compliant. We're going beyond regulatory compliance with step-by-step substitution of certain materials and substances from our products.

Improved sales through… Differentiation
Green Premium delivers strong value propositions through third-party labels and services. By collaborating with third-party organizations we can support our customers in meeting their sustainability goals such as green building certifications.

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