



# Wiser™

Smart and Sustainable Homes  
Catalog 2024

[se.com/wiser](https://se.com/wiser)

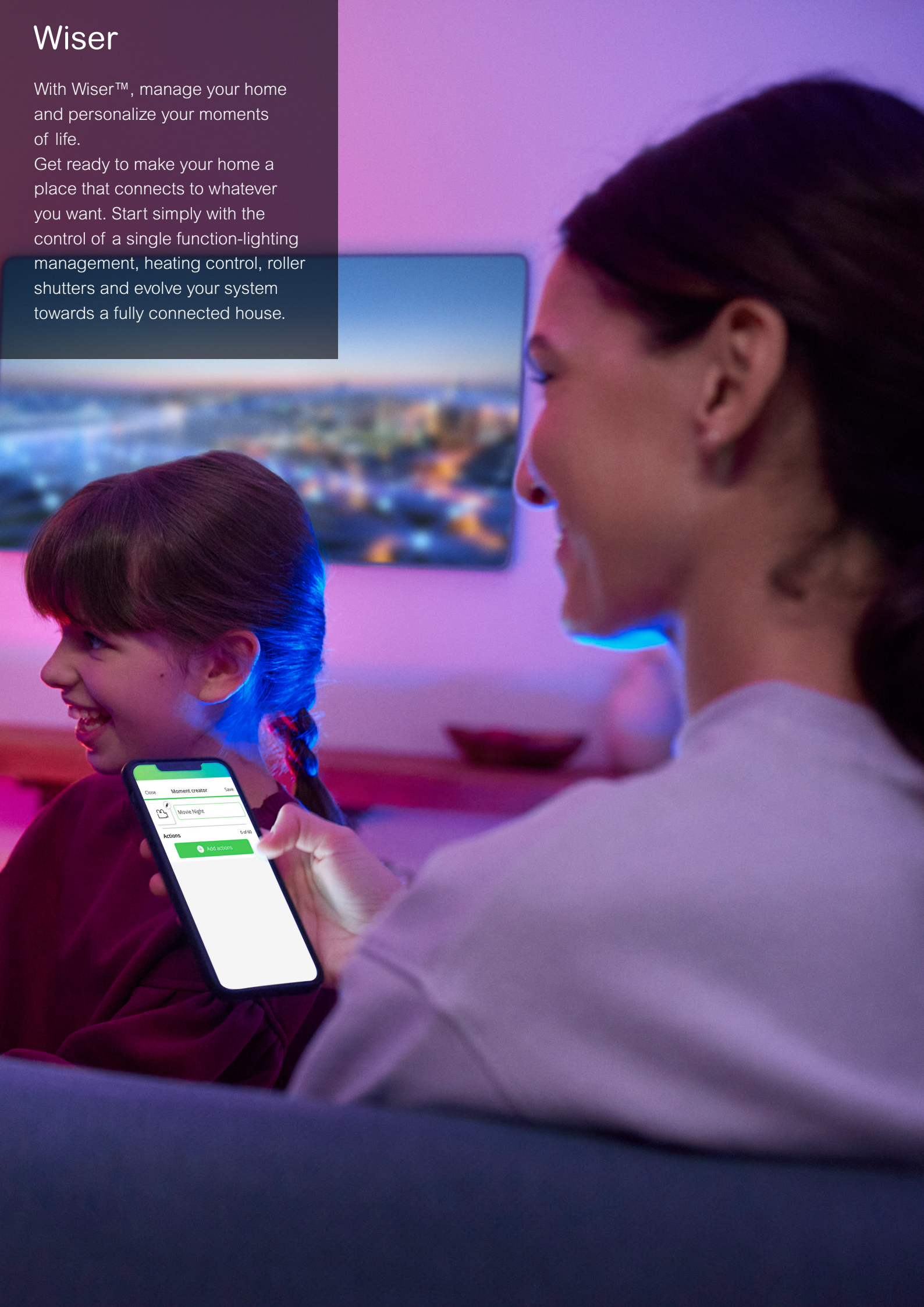
Life Is On

**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.



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# 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.



## System configuration

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

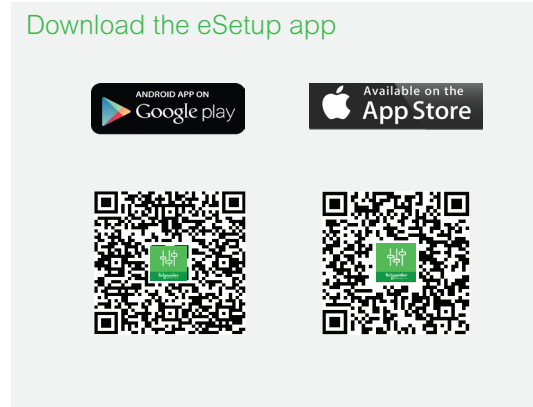
eSetup is a free, dedicated commissioning app for electricians.

The eSetup app is tailored for the electrician's specific environment of work to make the commissioning as simple and as easy as possible:



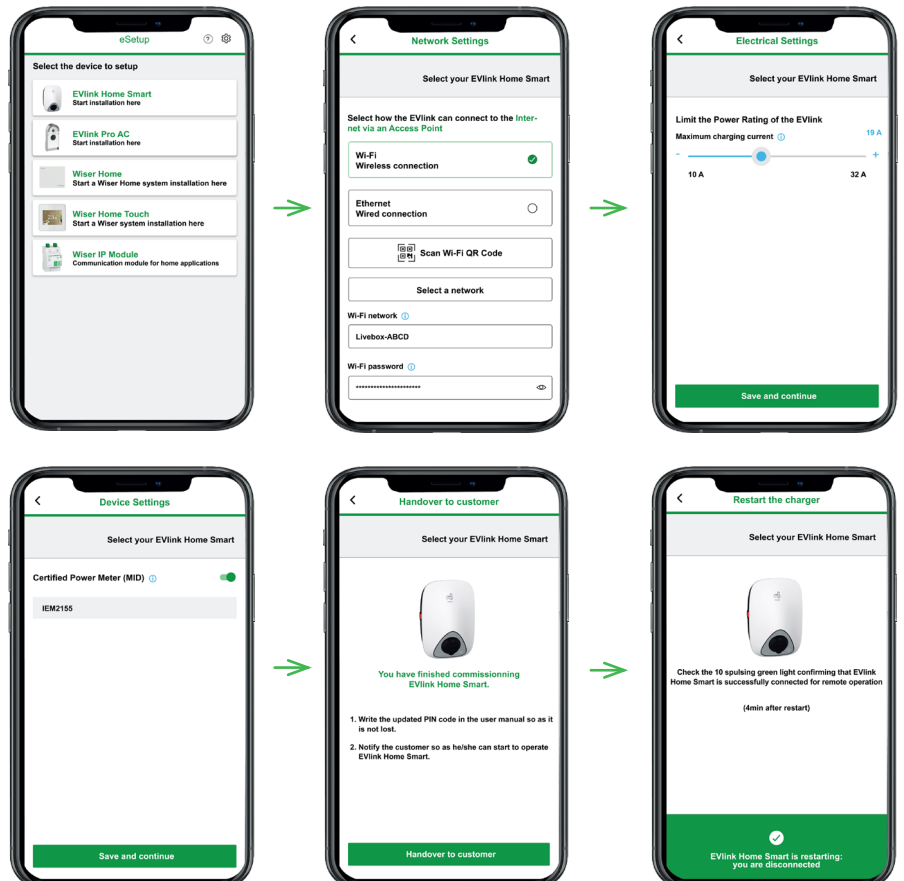
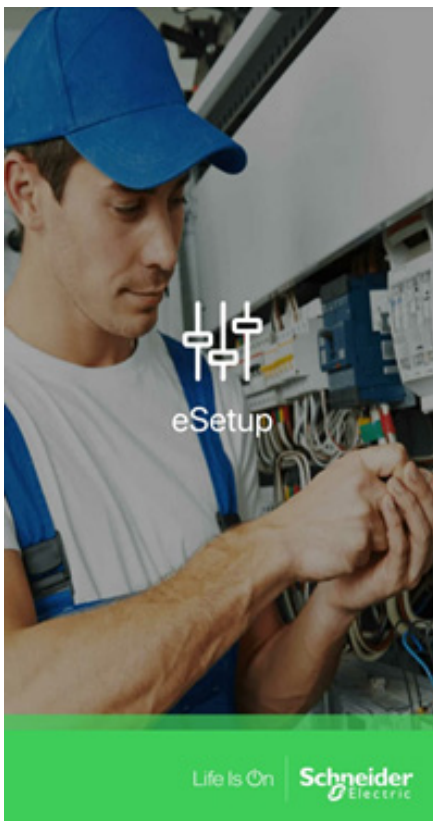
Other features of the eSetup app:

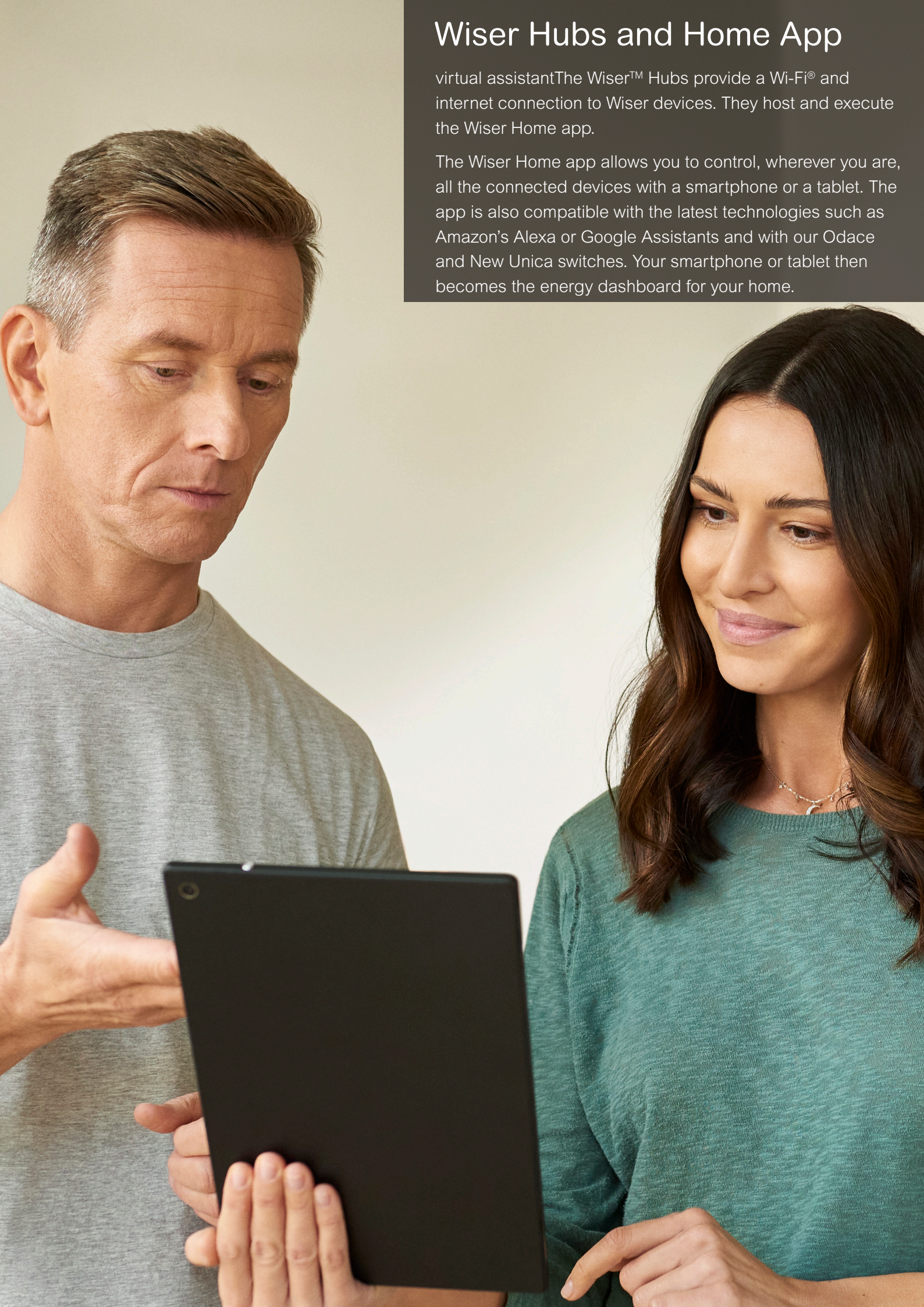
- Simple interface, in-app guidance and support
- Complete Wiser installation possible in demo mode with device simulations
- Test the devices
- Generate a commissioning report and share it with your customers
- Template-save a configuration and reuse later ( time saving)
- Add devices directly by scanning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



### 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 Hubs and Home App

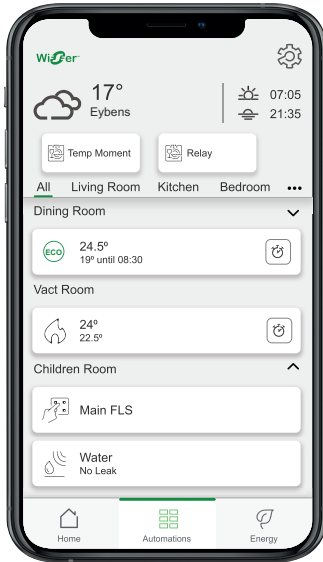
virtual assistantThe Wiser™ Hubs provide a Wi-Fi® and internet connection to Wiser devices. They host and execute the Wiser Home app.

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.





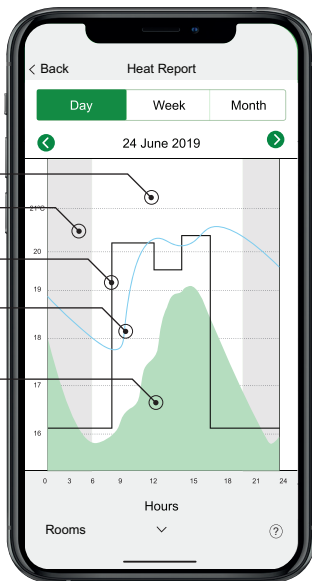
# Wiser Home App – designed for commissioning and controlling Wiser Home devices



Example of control panel

### Commissioning

- Wiser component pairing and configuration
- Wiser functions selection
- Time scheduling configuration
- Diagnostics



Example of Heat report

### 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

Day time  
Night time  
Temperature setting  
Room temperature  
Outside temperature

↓  
**DOWNLOAD OF  
WISER HOME APP  
FOR ANDROID  
AND IOS BASED  
SMARTPHONES**



Click or scan the QR code



Download Wiser for Android



Click or scan the QR code



Download Wiser for iOS



## Wiser Hub

### Communication Hub

#### Hub 2nd Generation



CCT501801



CCT501800-0001

#### Description

**Wiser Hub 2nd Generation**

**Wall Box Power Supply**

#### Commercial ref.

**CCT501801**

**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](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

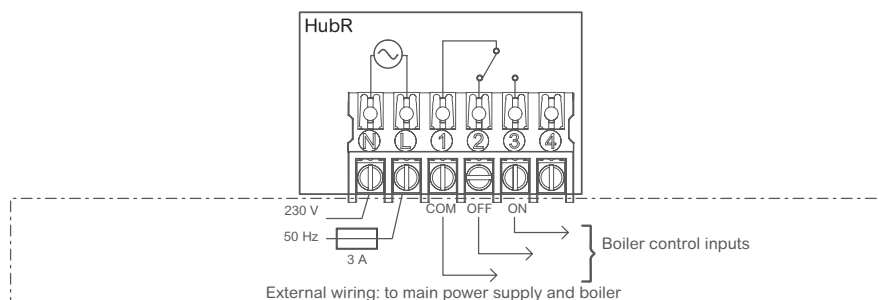
##### Applications

- 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  $\pm 10\%$  – 50 Hz
- Switch rating: 2 A (resistive load), 1 A (inductive load) under 230 V AC
- Set-point range: 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



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](https://www.productinfo.schneider-electric.com/wiser_home)

## Wiser Hub

### Communication Hub

#### Hub with 2 A Relay 2nd Generation



CCTFR6311G2

#### Description

##### Wiser HubR 2nd Generation

#### Commercial ref.

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

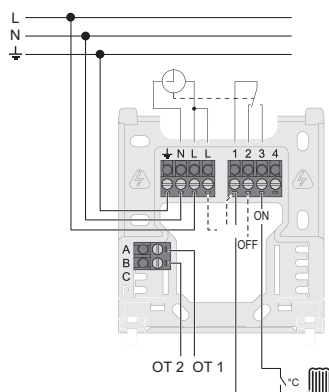
##### Applications

- 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

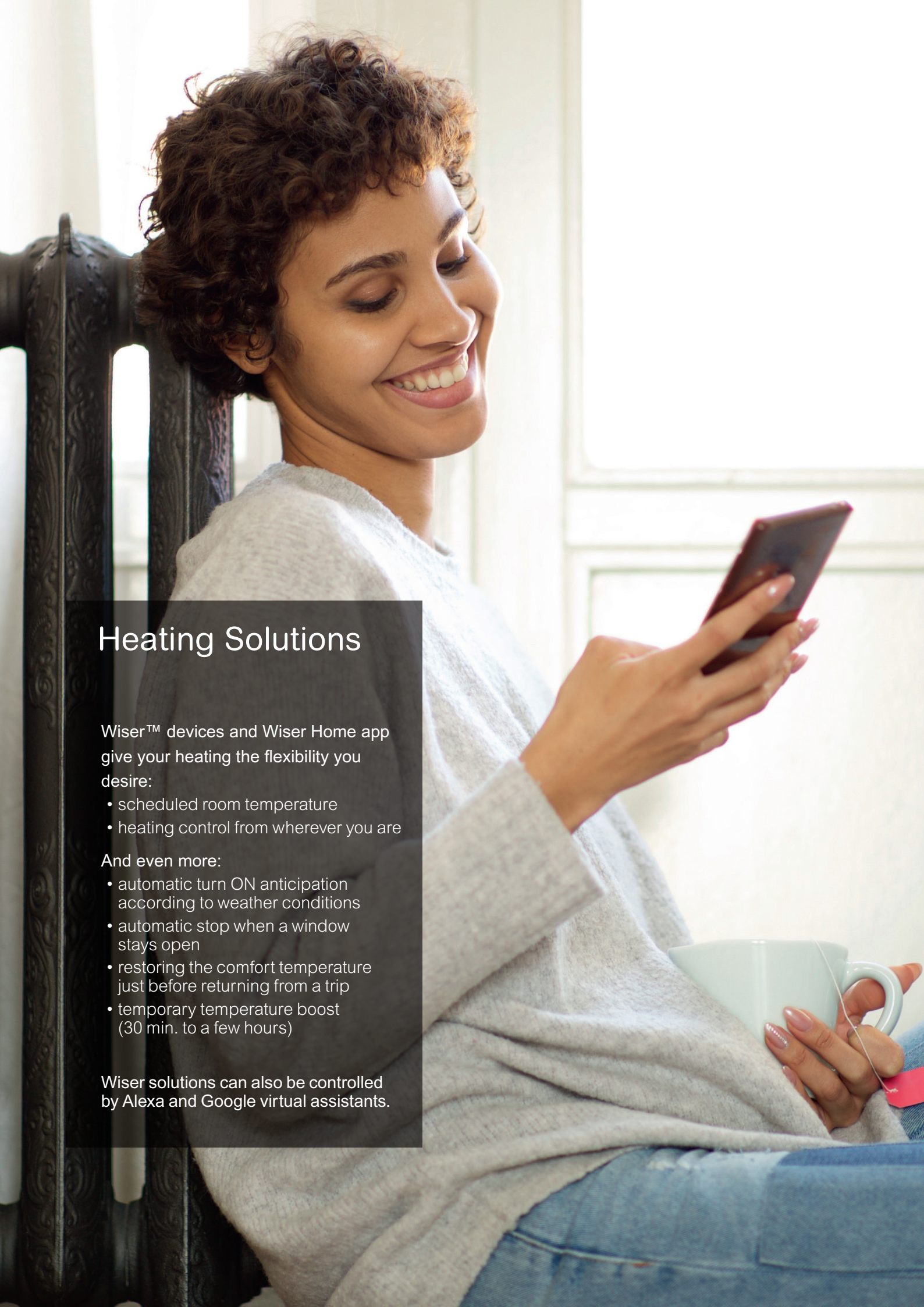
#### Characteristics

- Power supply: 230 V AC  $\pm 10\%$  – 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 range: 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](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

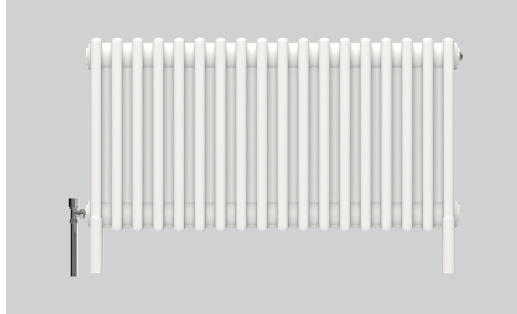
And even more:

- 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.

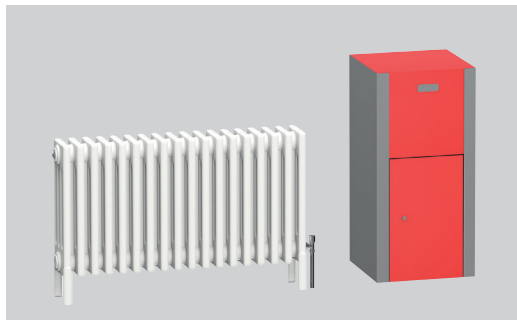
## Wiser solutions for heating

### Wiser compatible heating systems



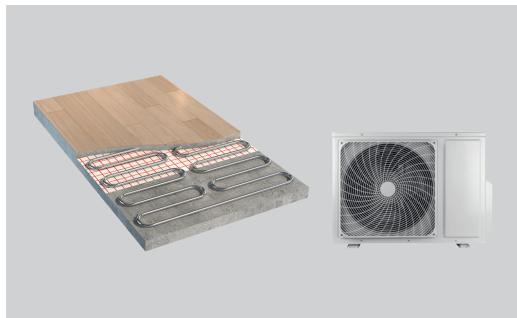
#### Water-based radiators

with heat provided by a collective boiler or district heating



#### Hot water radiators

+ boiler, with heat provided by individual boiler or heat pump



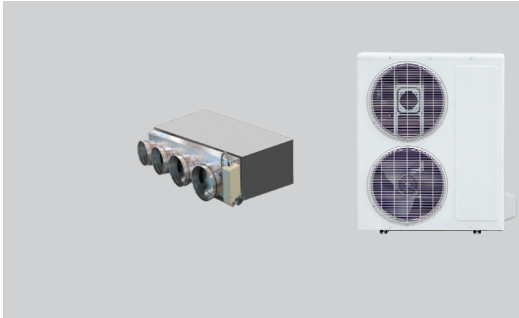
#### Water-based underfloor heating and cooling

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

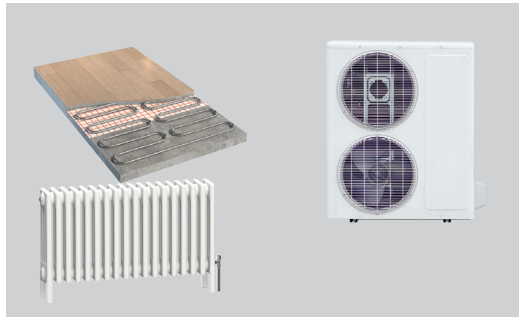


## Wiser solutions for heating

### Wiser compatible heating systems



**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**

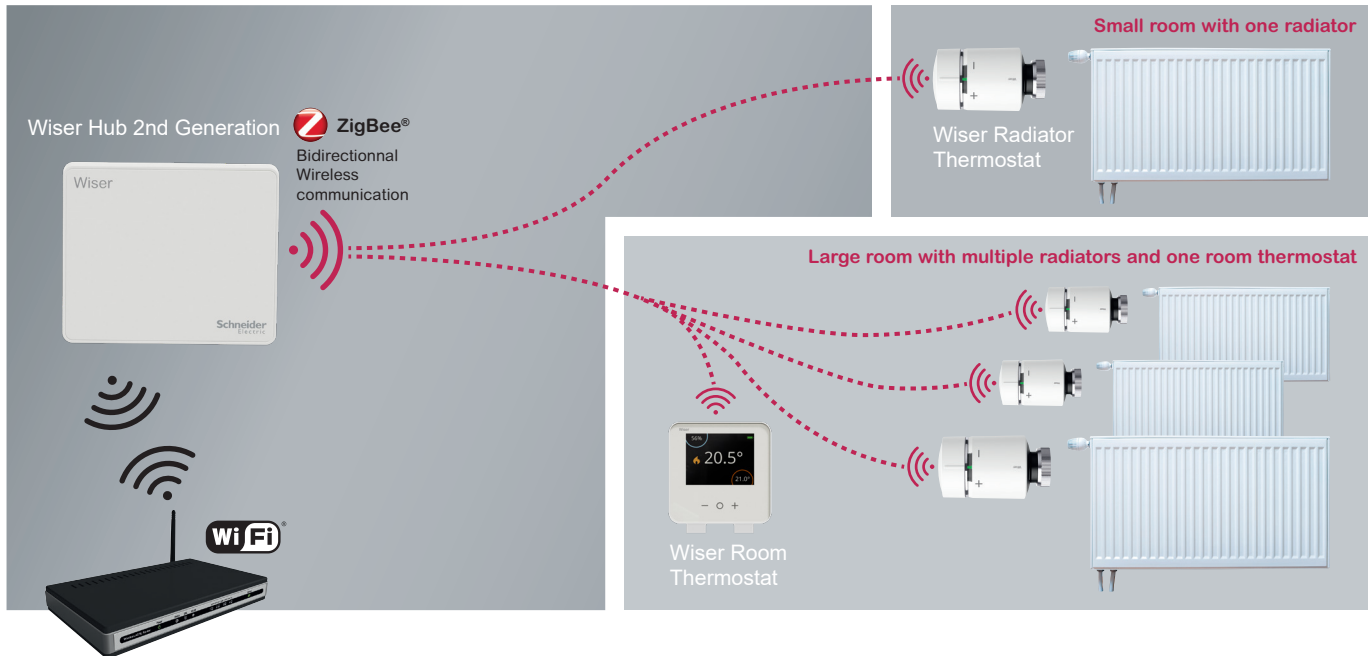




## Wiser solutions for heating

Radiator heating

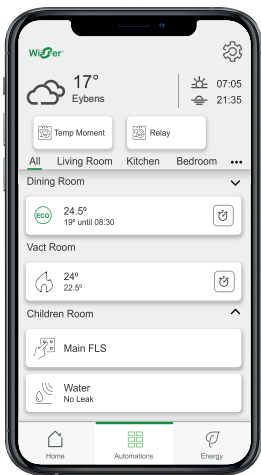
## Radiator temperature control



Wiser Device



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.

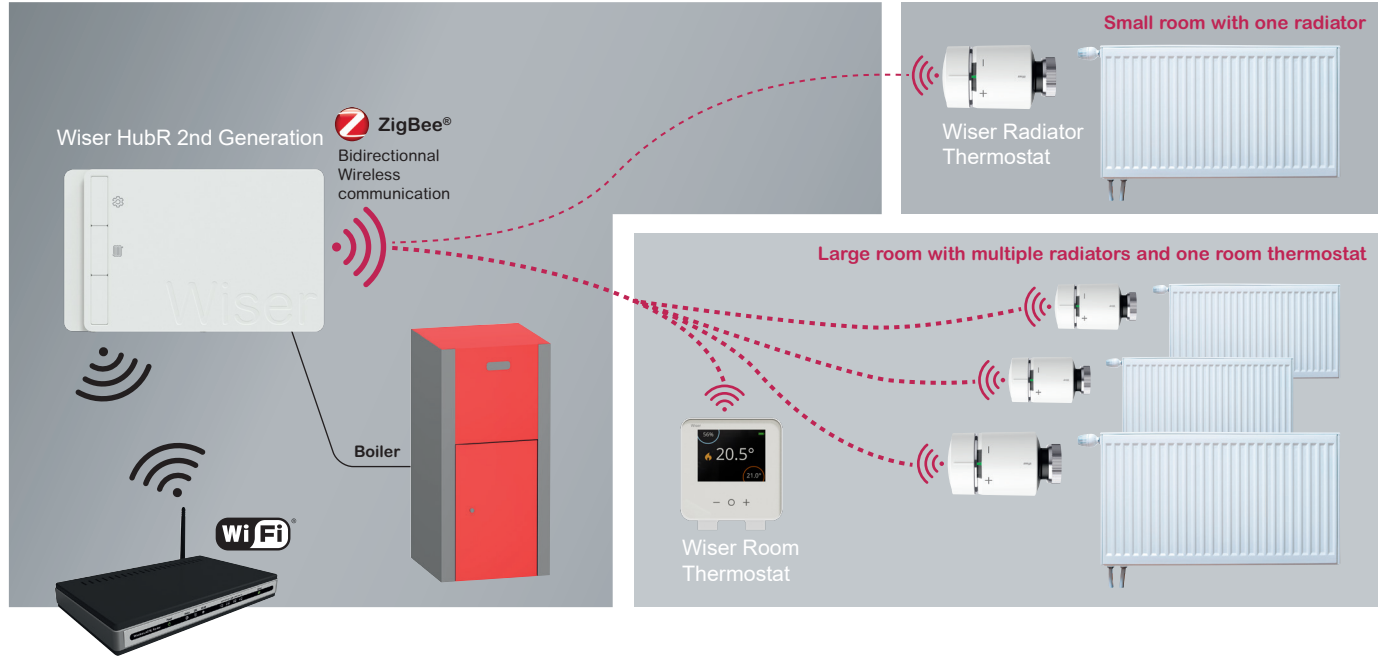
### FUTURE ENRICHMENT

- > 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.).

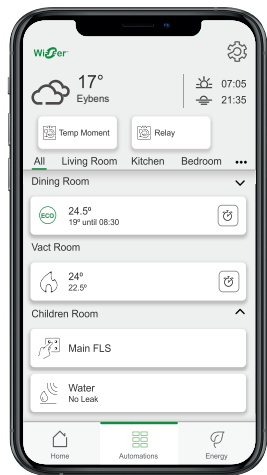
## Wiser solutions for heating

Radiator heating with boiler

### Boiler + radiator control



Wiser Home app



## Improved comfort and energy saving with central heating

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.

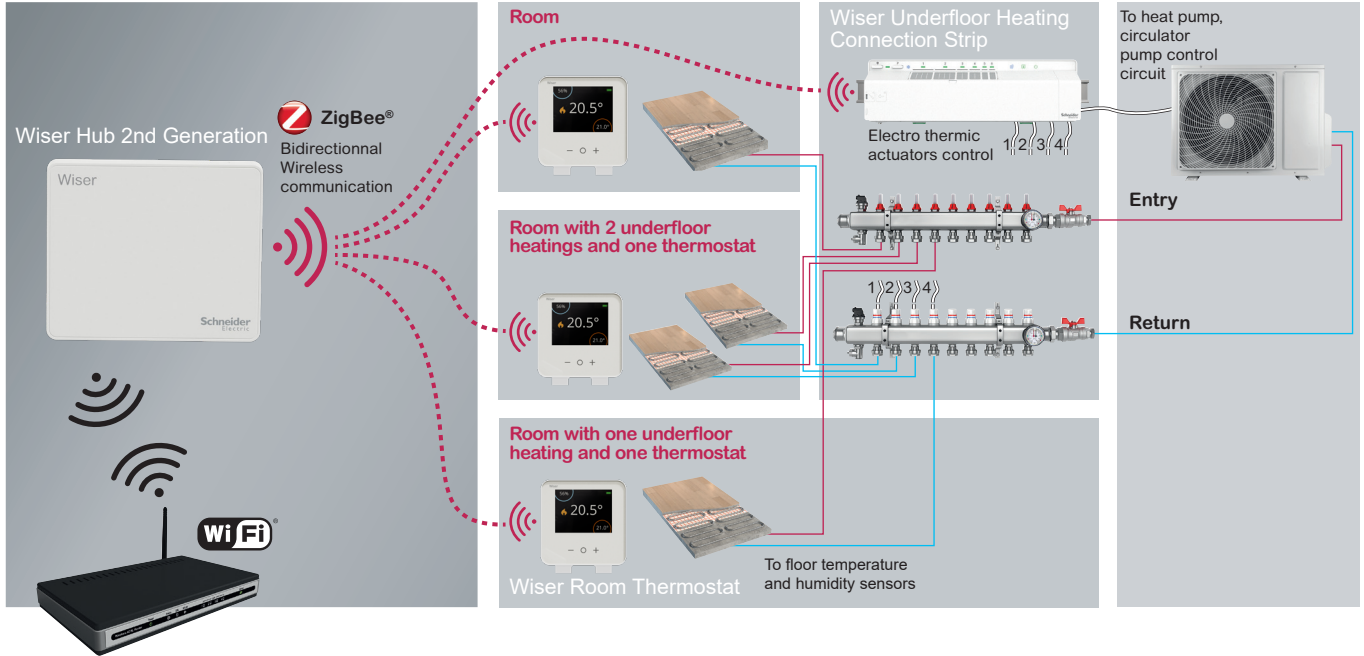
The Wiser HubR is connected to the boiler (boiler must accept OpenTherm protocol) for ON/OFF control of 1 heating channel in replacement of the conventional programmable room thermostat.

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 Home app



### 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

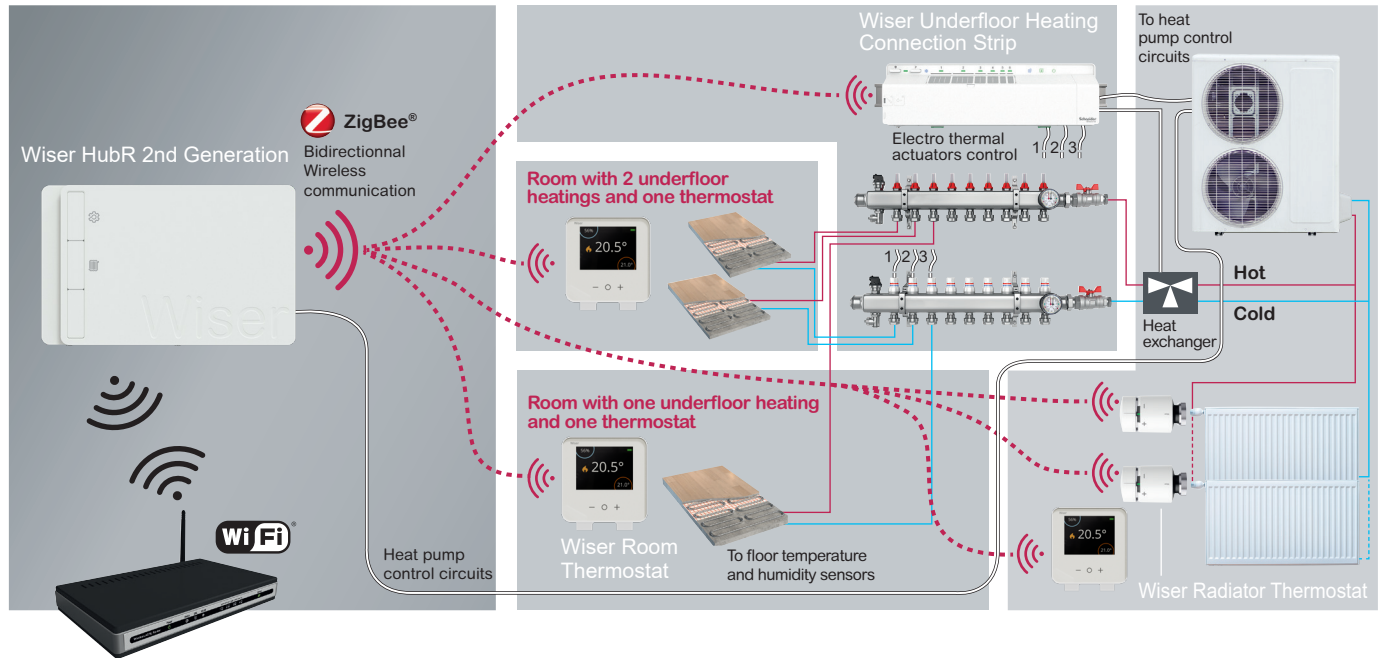
Note that the heat pump can be replaced by a boiler. In such a case the Hot/Cold input will not be wired.

## Wiser solutions for heating

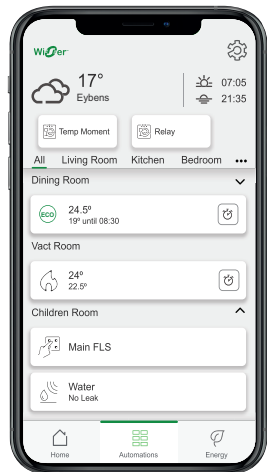
Underfloor and radiator heating – Hot water

## Simplified, connected, control of heating

Wiser Device



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

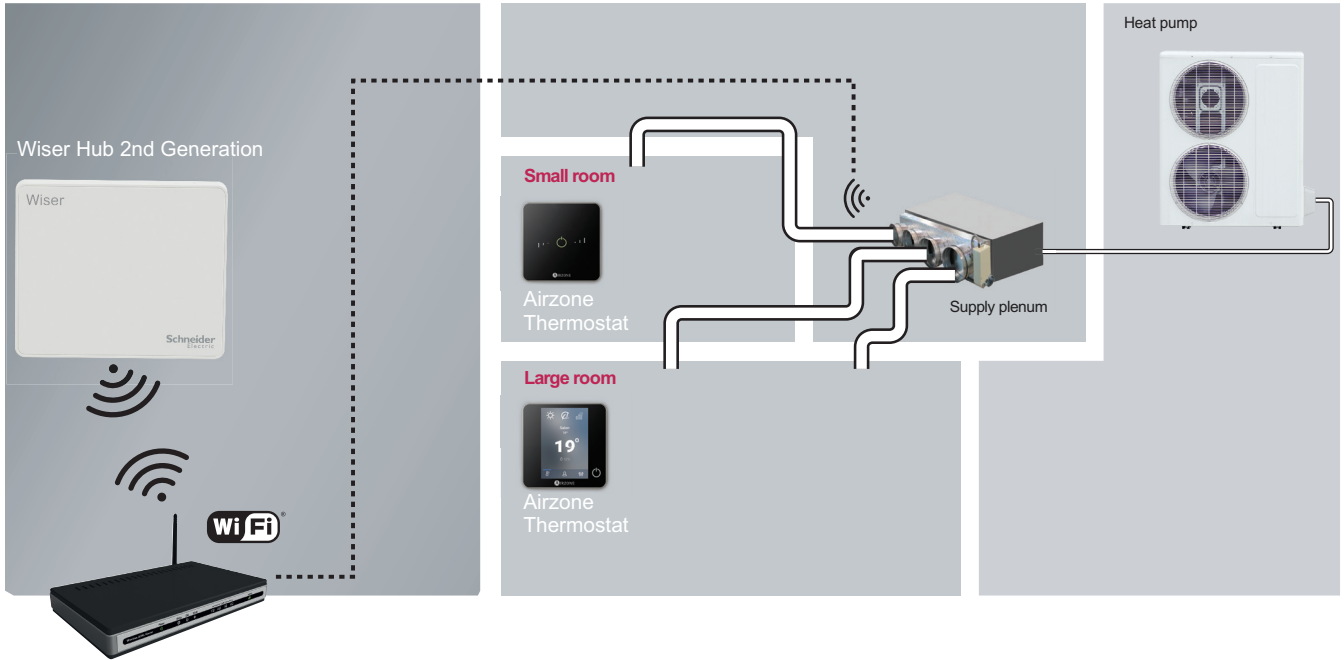
The heat pump is activated by the HubR when the heat demand comes from the radiators.

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

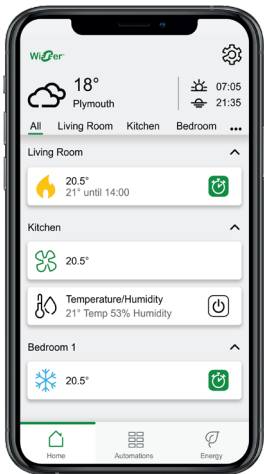
## Wiser solutions for heating

Room heating or cooling

## Airzone - Air to air heat pump interfacing



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.

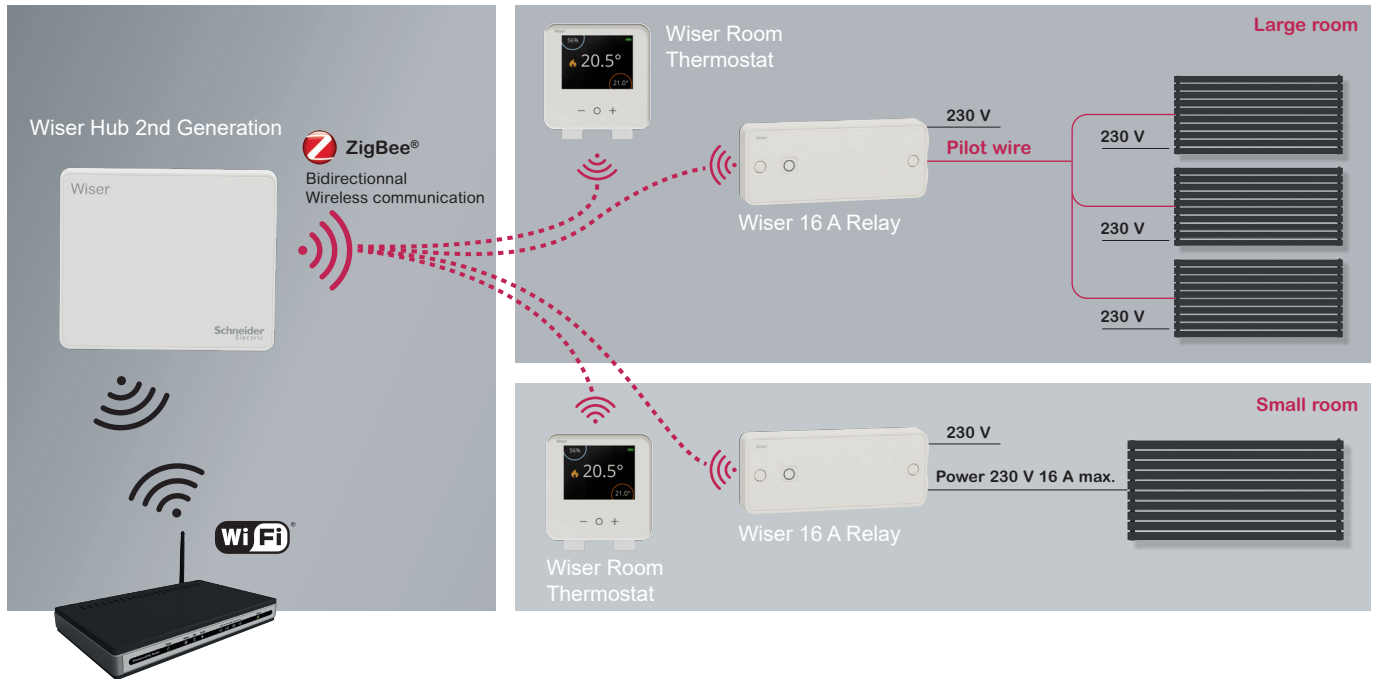
**Note:** For more detailed information on Airzone, Scan the QR code or follow the link: Airzone User Guide



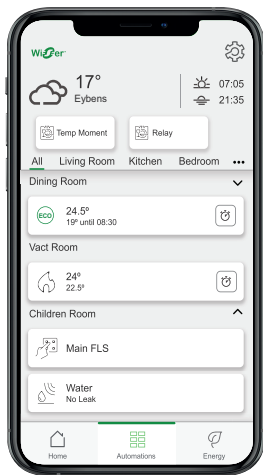
## Wiser solutions for heating

Radiator heating – Electrical

## Electric heating – panel temperature control



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:

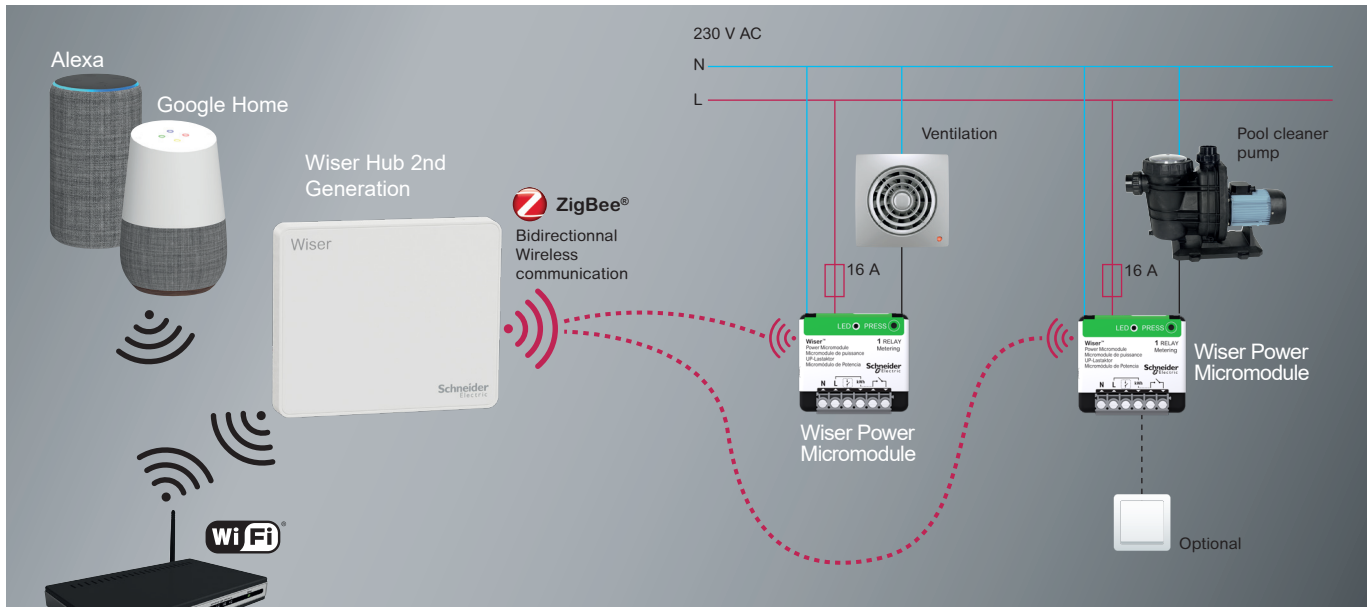
- through a pilot wire when the electric heat panel is equipped with a control input. Up to 6 heating panels can be controlled through one pilot wire.
- through the 230 V power line, up to 16 A (3 kW).

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

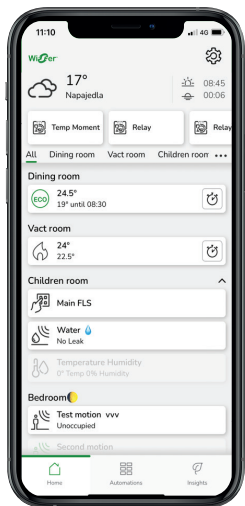
### Electrical Circuits Control



Wiser Device



Wiser Home app



## Improved home and garden preservation

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](https://www.productinfo.schneider-electric.com/wiser_home)



## Wiser solutions for heating

### Radiator Thermostat

#### Radiator Thermostat



CCTFR6100



CCTFR6101

#### Description

##### Wiser Radiator Thermostat

White  
Anthracite

#### Commercial ref.

CCTFR6100  
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

**Comap:** adapter for Wiser head (M 30 × 1.5) on Comap radiator valves (M 28 × 1.5)

#### Commercial ref.

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](https://www.productinfo.schneider-electric.com/wiser_home)

# Wiser solutions for heating

## Odace Design

Wiser Device

### Connected Thermostat 2 A



S520619



S530619



S540619

### Description

**Connected Thermostat 2 A**

### Commercial ref.

White	<b>S520619</b>
Aluminium	<b>S530619</b>
Anthracite	<b>S540619</b>

### 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.

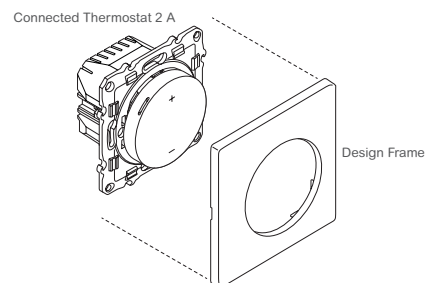
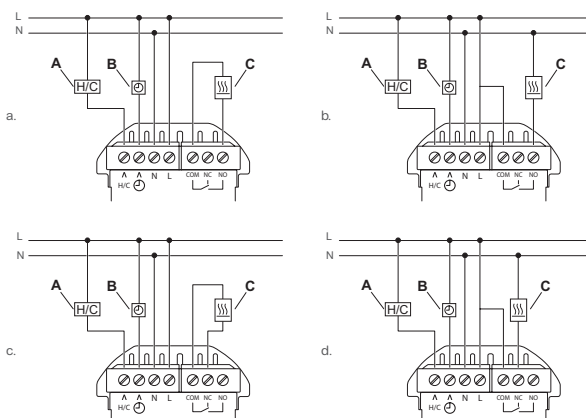
#### Control options

- 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 mm<sup>2</sup>, 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 (across 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



#### Wiring options:

- Volt-free wiring. Normally open
- Switch live wiring with L-COM jumper wire. Normally open
- Volt-free wiring. Normally closed
- 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

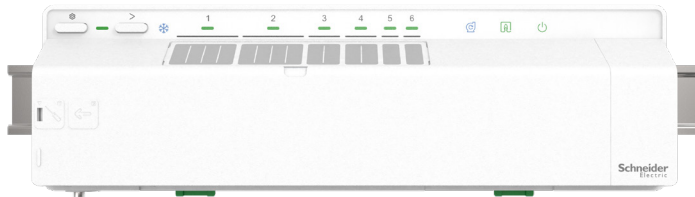


For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:  
[https://www.productinfo.schneider-electric.com/wiser\\_home](https://www.productinfo.schneider-electric.com/wiser_home)

## Wiser solutions for heating

### Underfloor Heating Connection Strip

#### Underfloor Heating Connection Strip



CCTFR6600

#### Description

##### Wiser Underfloor Heating Connection Strip (Heat/Cool)

#### Commercial ref.

CCTFR6600

#### Features

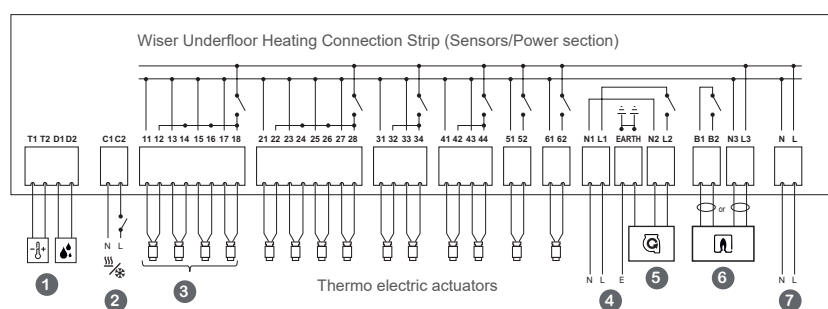
- ON/OFF control of electro thermic actuators: for regulating the heat provided by underfloor heating to a room
- ON/OFF control of a heat pump or a boiler: for directly controlling the production of hot or cold (reversible heat pump only) water for the heating
- ON/OFF control of the circulating pump: 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  $\pm 10\%$  – 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 x H x D): 305 x 90 x 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<sup>2</sup>, 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



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](https://www.productinfo.schneider-electric.com/wiser_home)

## Wiser solutions for heating

### 16 A Relay for Temperature Control

#### 16 A Relay for Temperature Control



CCTFR6700

#### Description

**Wiser 16 A Relay for Temperature Control**

#### Commercial ref.

**CCTFR6700**

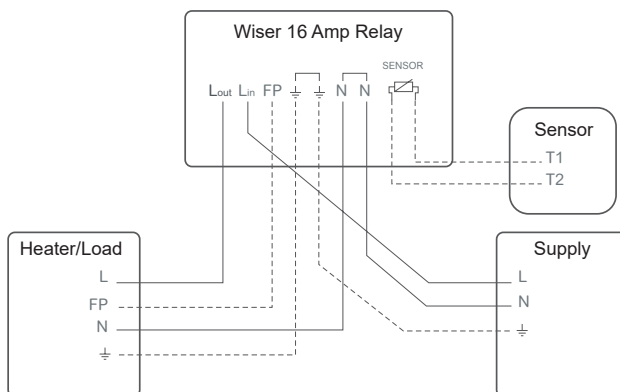
#### Features

- 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  $\pm$ 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 x H x D): 162 x 67 x 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 k $\Omega$  Schneider Electric Reference MTN616790
- 33 k $\Omega$  Eberle Reference F193720
- 15 k $\Omega$  Devi Reference 140F1091
- 10 k $\Omega$  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](https://www.productinfo.schneider-electric.com/wiser_home)

## Wiser solutions for heating

### Boiler Relay

#### Boiler Relay



CCTFR6001

#### Description

**Wiser Boiler Relay**

#### Commercial ref.

**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](https://www.productinfo.schneider-electric.com/wiser_home)

## Wiser solutions for heating

### Power Micro Module

#### Power Micromodule



CCTFR6730

#### Description

Wiser Power Micromodule

#### Commercial ref.

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 occurred due to off peak automation
- Use micro module in moments or automation (for example: stop heating the water tank when you are on holidays)

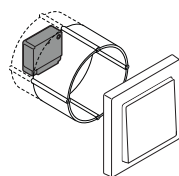
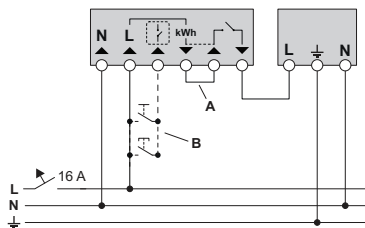
#### Additional app functions (default setting: no functions active):

- 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 mm<sup>2</sup> 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](https://www.productinfo.schneider-electric.com/wiser_home)

# Wiser solutions for heating

## Micro Module for Fil Pilote Radiators

### Micromodule for Fil Pilote Radiators



THG\_CCTFR6710

### Description

**Wiser Micromodule for Fil Pilote Radiators**

### Commercial ref.

**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.

### 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 occurred due to off peak automation
- Use module in moments or automation (for example: set desired temperature when you are on holidays)

### Control options:

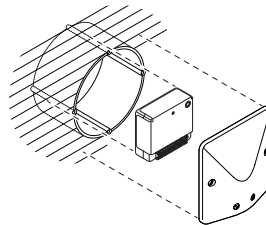
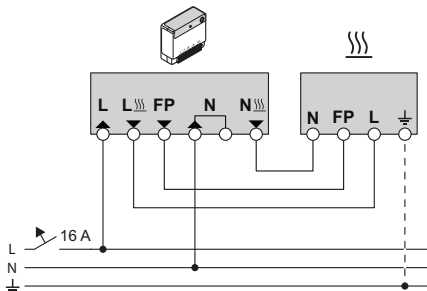
The following two fil pilote commands are used to control the electrical heaters:

- Comfort corresponds to ON
- Frost Protection corresponds to OFF

### 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 mm<sup>2</sup> 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](https://www.productinfo.schneider-electric.com/wiser_home)

## Wiser solutions for heating

### Starter Kits

#### 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](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).

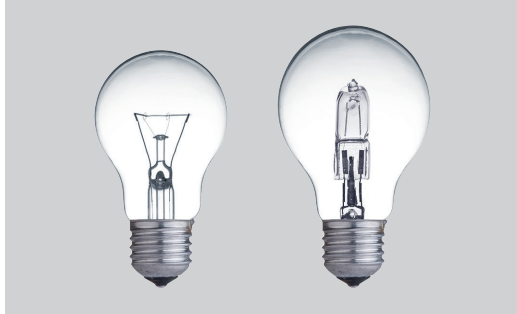
Close shutters automatically when you are away.

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



## Wiser solutions for lighting

### Lighting Technology Compatibility



#### 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



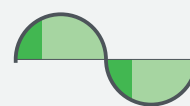
#### 12 V halogen lamps

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

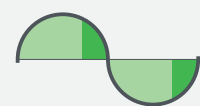
#### TECHNOLOGY

- > 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



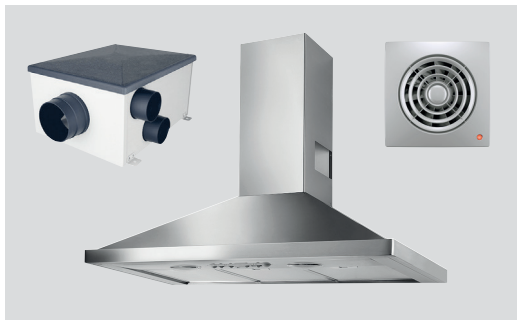
## Wiser solutions for lighting

### 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 ( $\cos\phi$  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 ( $\cos\phi$  0.6 - 1)



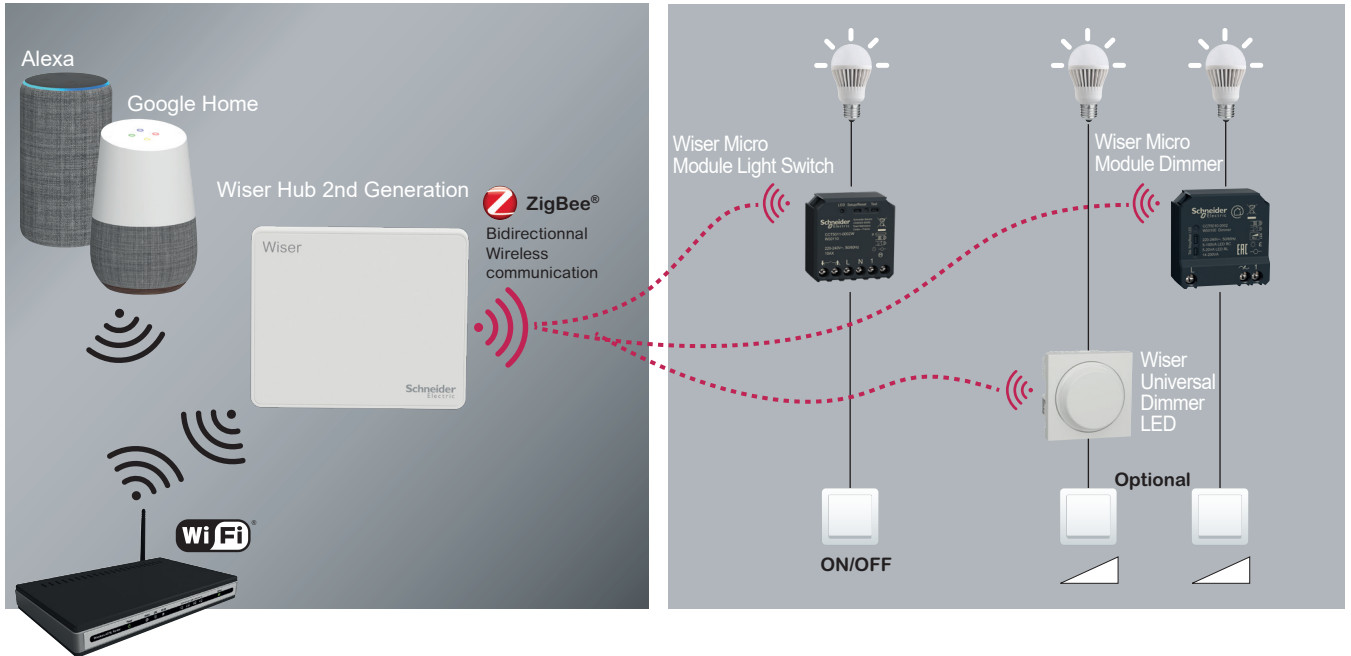
#### Household appliances

- 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

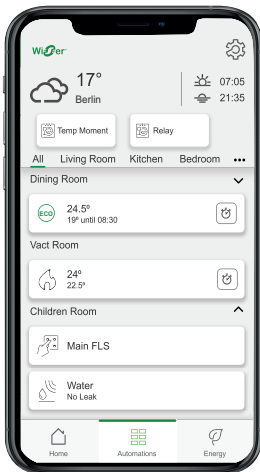


Wiser Device



## 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.

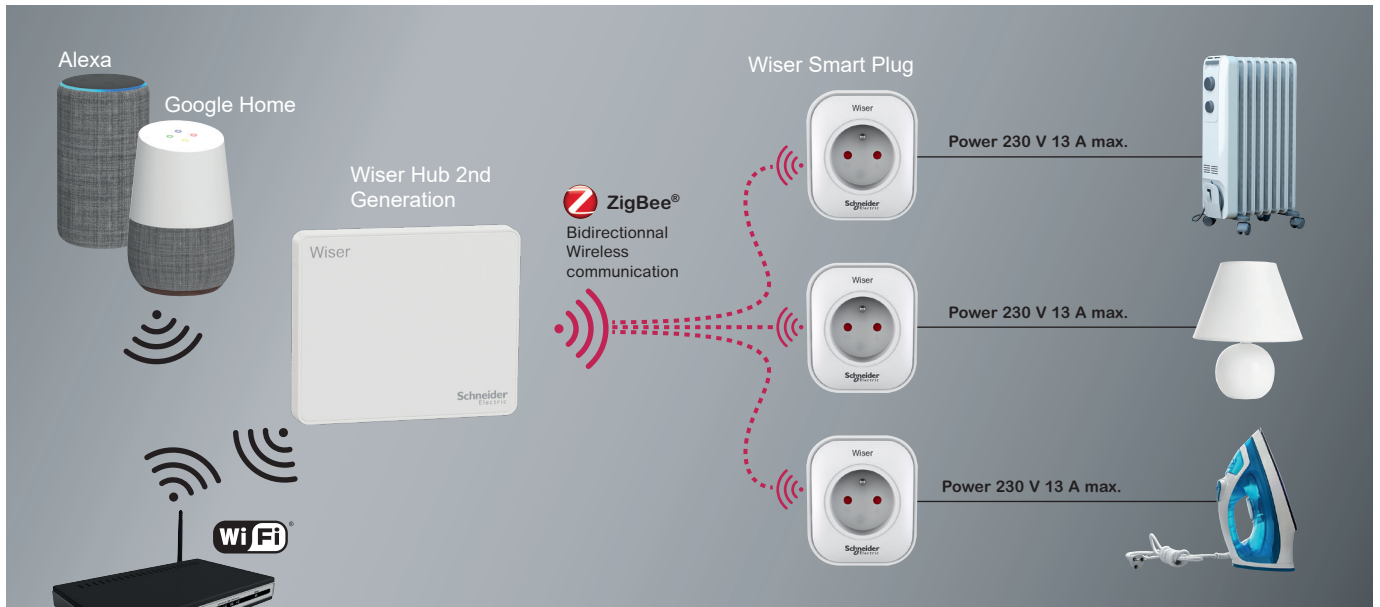
It also acts through the Wiser Hub, ensuring or following the centralized dimming of a room, for the house, control according to a time schedule, etc. functions.

**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.

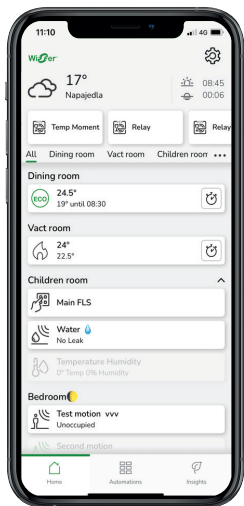
# Wiser solutions for lighting

## Electric Appliances Control

Wiser Device



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

Wiser Micro Module Light Switch

#### Commercial ref.

CCT5011-0002W

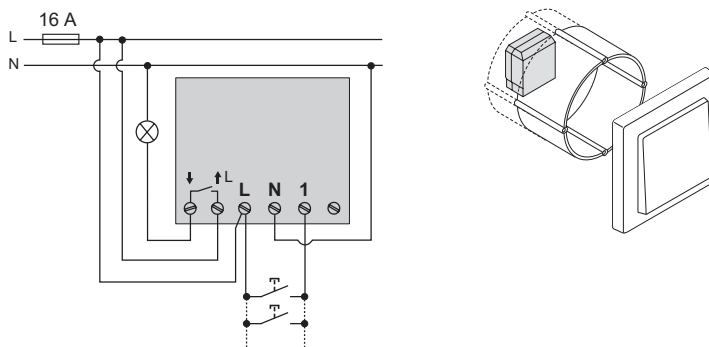
#### Features

- **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

#### 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 mm<sup>2</sup> 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

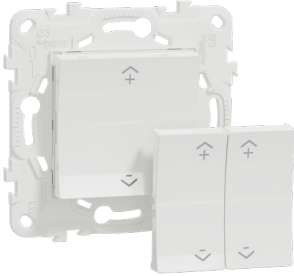


For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:  
[https://www.productinfo.schneider-electric.com/wiser\\_home](https://www.productinfo.schneider-electric.com/wiser_home)

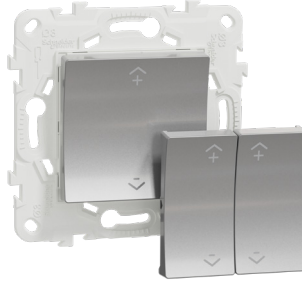
## Wiser solutions for lighting

### New Unica Design

#### Connected Wireless Switch 1-gang/2-gang



NU557118/NU557120W



NU557130



NU557154

#### Description

##### Connected Wireless Switch 1-gang/2-gang

White  
 White antibacterial  
 Aluminium  
 Anthracite

#### Commercial ref.

**NU557118**  
**NU557120W**  
**NU557130**  
**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.

#### 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](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

White

Aluminium

Anthracite

#### Commercial ref.

**S520531****S530531****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 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](https://www.productinfo.schneider-electric.com/wiser_home)

## Wiser solutions for lighting

### Ovalis C Series

#### Connected Wireless Switch 1-gang/2-gang



S320531



S340531

#### Description

##### Connected Wireless Switch 1-gang/2-gang

White

#### Commercial ref.

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](https://www.productinfo.schneider-electric.com/wiser_home)

## Wiser solutions for lighting

### New Unica Design

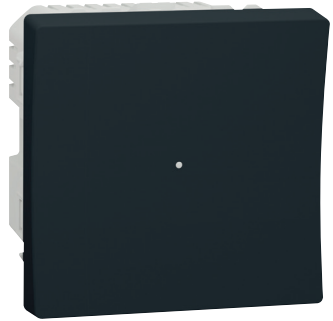
#### Connected Relay Switch 10 A



NU353718W/NU353820W



NU353730W



NU353754W

#### Description

##### Connected Relay Switch 10 A

#### Commercial ref.

White	<b>NU353718W</b>
White antibacterial	<b>NU353720W</b>
Aluminium	<b>NU353730W</b>
Anthracite	<b>NU353754W</b>

#### 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

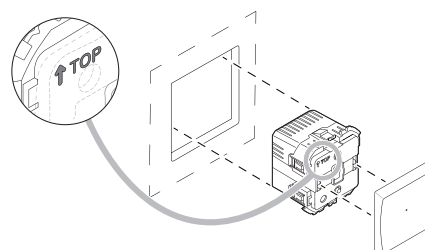
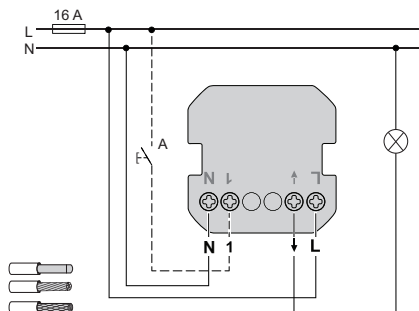
#### Additional app functions:

- 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,  $\cos\phi$  0.6 - 1
- Connecting terminals: Screw terminals for max.  $2 \times 2.5 \text{ mm}^2 - 0.5 \text{ Nm}$
- 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  $\mu\text{F}$
  - 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

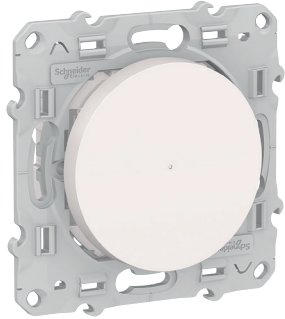


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## Wiser solutions for lighting

### Odace Design

#### Connected Relay Switch 10 A



S520530W



S530530W



S540540W

#### Description

##### Connected Relay Switch 10 A

White  
 Aluminium  
 Anthracite

#### Commercial ref.

**S520530W**  
**S530530W**  
**S540530W**

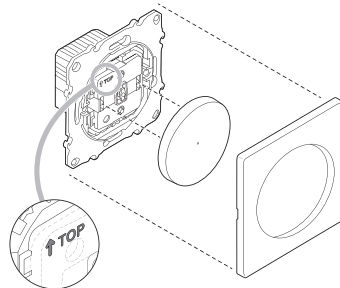
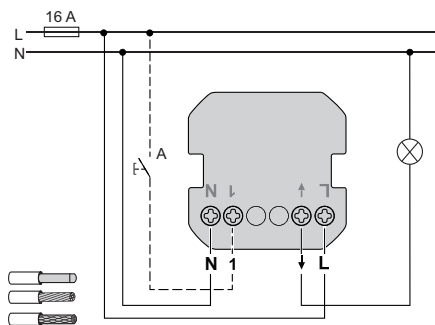
#### Features

- 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.  $2 \times 2.5 \text{ mm}^2 - 0.5 \text{ Nm}$
  - 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  $\mu\text{F}$
  - 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](https://www.productinfo.schneider-electric.com/wiser_home)

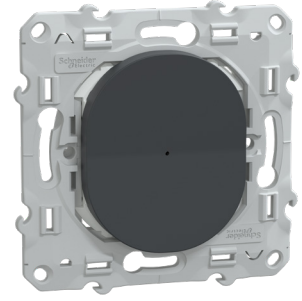
## Wiser solutions for lighting

### Ovalis C Series

#### Connected Relay Switch 10 A



S320530W



S340530W

#### Description

##### Connected Relay Switch 10 A

White  
 Anthracite

#### Commercial ref.

**S320530W**  
**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

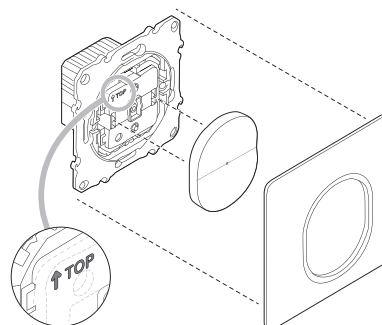
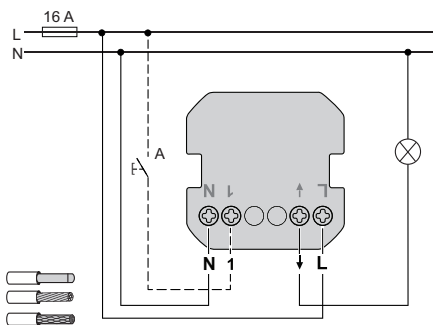
#### Additional app functions:

- 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,  $\cos\phi = 0.6$
- Connecting terminals:  
Screw terminals for max.  $2 \times 2.5 \text{ mm}^2 - 0.5 \text{ Nm}$
- 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  $\mu\text{F}$
  - 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](https://www.productinfo.schneider-electric.com/wiser_home)

## Wiser solutions for lighting

### Smart Plug

#### Smart Plug



CCTFR6500

#### Description

**Wiser Smart Plug**

#### Commercial ref.

**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  $\pm$ 10 % – 50 Hz
- Max. rated switching: 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 x W x D): 79.6 x 67.9 x 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](https://www.productinfo.schneider-electric.com/wiser_home)

## Wiser solutions for lighting

### Micro Module Dimmer

#### Micro Module Dimmer



CCT5010-0002W

#### Description

Wiser Micro Module Dimmer

#### Commercial ref.

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

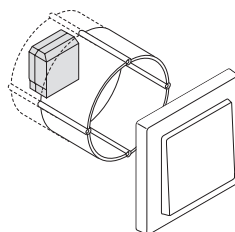
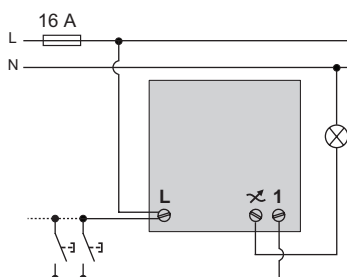
#### Additional app functions (default setting: no functions active):

- 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

#### Characteristics

- Nominal voltage: AC 230 V~, 50 Hz
- Standby power: max. 0.4 W
- Neutral conductor: Not required
- Connecting terminals: Screw terminals for max.  $2 \times 2.5 \text{ mm}^2 0.5 \text{ Nm}$
- 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:  
[https://www.productinfo.schneider-electric.com/wiser\\_home](https://www.productinfo.schneider-electric.com/wiser_home)

## Wiser solutions for lighting

### New Unica Design

#### Connected Universal Dimmer LED



NU351518W/NU351520W



NU351618W/NU351620W

#### Description

##### Connected Universal Dimmer LED

White

White antibacterial

Aluminium

Anthracite

##### Push-button

**NU351518W**

**NU351520W**

**NU351530W**

**NU351554W**

#### Commercial ref.

##### Rotary

**NU351618W**

**NU351620W**

**NU351630W**

**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

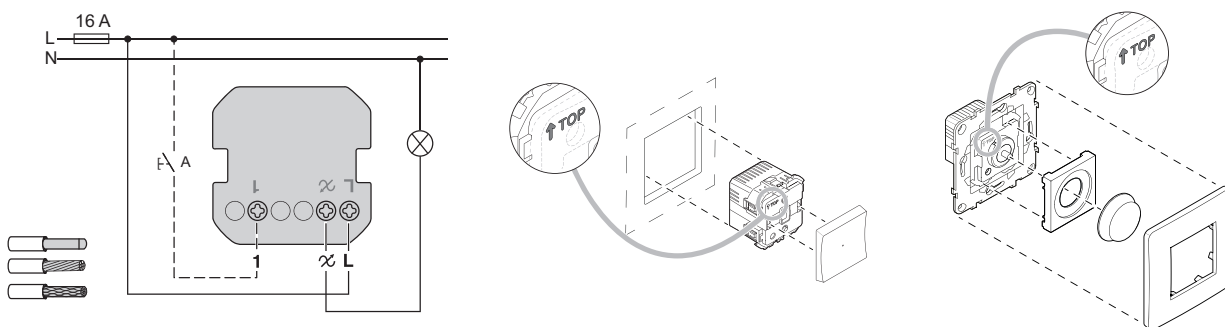
##### Additional app functions:

- 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.  $2 \times 2.5 \text{ mm}^2 - 0.5 \text{ Nm}$
- 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:  
[https://www.productinfo.schneider-electric.com/wiser\\_home](https://www.productinfo.schneider-electric.com/wiser_home)



# Wiser solutions for lighting

## Odace Design

### Connected Universal Dimmer LED



S520522W



S520513W

### Description

#### Connected Universal Dimmer LED

White  
Aluminium  
Anthracite

### Commercial ref.

Push-button	Rotary
<b>S520522W</b>	<b>S520513W</b>
<b>S530522W</b>	<b>S530513W</b>
<b>S540522W</b>	<b>S540513W</b>

### 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

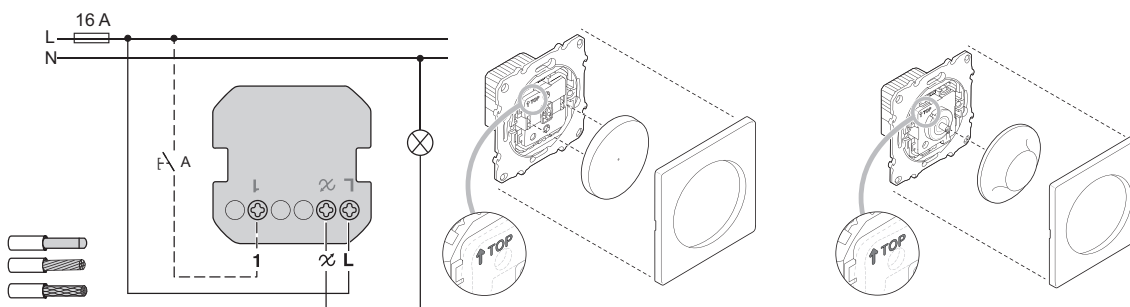
#### Additional app functions:

- 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<sup>2</sup> – 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](https://www.productinfo.schneider-electric.com/wiser_home)

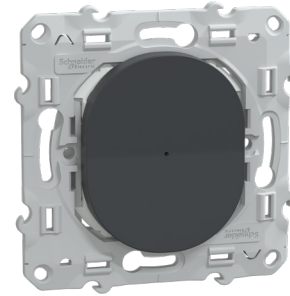
## Wiser solutions for lighting

### Ovalis C Series

#### Connected Universal Dimmer LED



S320522W



S340522W

#### Description

##### Connected Universal Dimmer LED

White  
Anthracite

#### Commercial ref.

**Rotary**  
**S320522W**  
**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

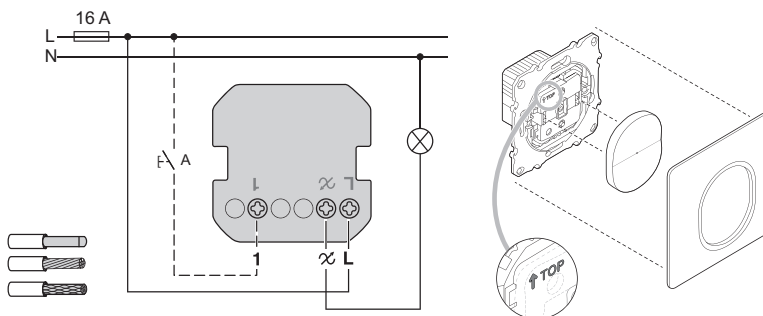
##### Additional app functions:

- 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.  $2 \times 2.5 \text{ mm}^2 - 0.5 \text{ Nm}$
- 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

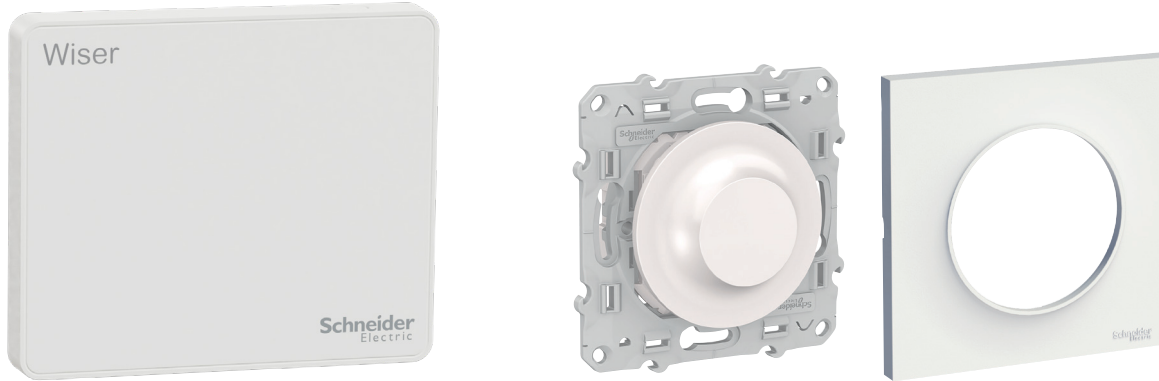


For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:  
[https://www.productinfo.schneider-electric.com/wiser\\_home](https://www.productinfo.schneider-electric.com/wiser_home)

## Wiser solutions for lighting

### Odace Design

#### Smooth Wake-Up Kit



CCTFR5201

#### Description

**Wiser smooth wake-up Kit**

**Composition: Wiser Hub 2nd Generation + Wiser LED Rotary Dimmer (White) + Odace Frame (White)**

#### Commercial ref.

**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](https://www.productinfo.schneider-electric.com/wiser_home)

## Wiser solutions for lighting

### Load Compensation Module LED

#### Load Compensation Module LED



CCT90501

#### Description

**Load Compensation Module LED**

#### Commercial ref.

**CCT90501**

#### Features

The Load compensation module LED can be used with trailing edge dimmers (dimmers in mode RC).

The module can:

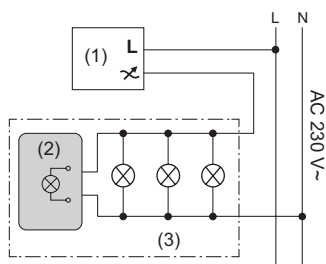
- improve the dimming behavior with HV-LED lamps (230 V AC LED lamps).
- prevent HV-LED lamp afterglow when the dimmer is set to zero or when the lamp is controlled by a switch with neon indicator for orientation purpose (max. neon current allowed = 3 mA).

**Note:** The Load compensation module LED effect, the dimming 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



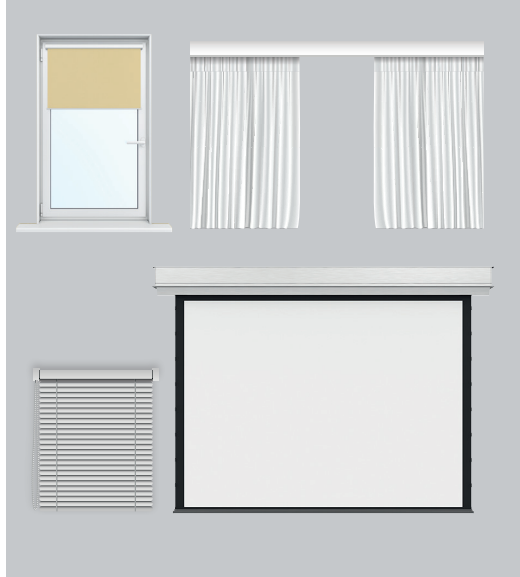
- (1) Dimmer  
 (2) Load compensation Module LED  
 (3) HV-LED (230 V AC LED lamps)



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](https://www.productinfo.schneider-electric.com/wiser_home)

## Wiser solutions for roller shutters and blinds

Wiser compatible roller shutters and blinds



### Motorized blinds

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



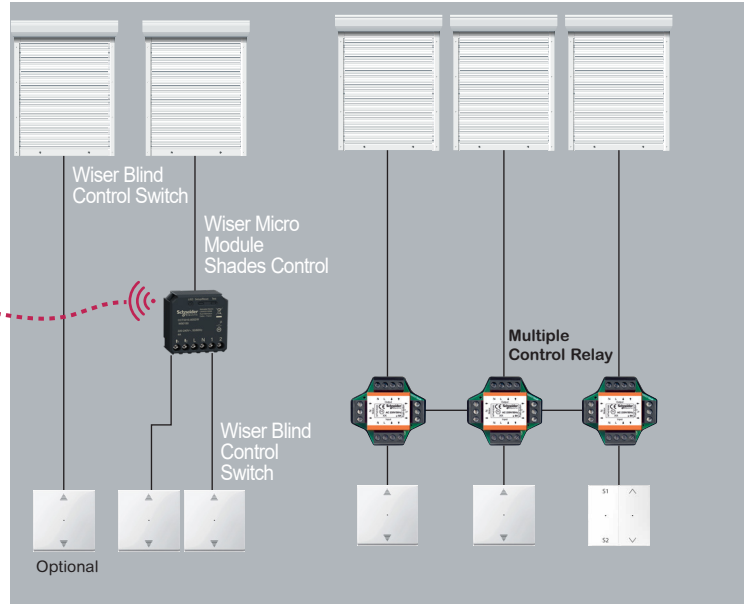
Motorized roller shutters, for windows



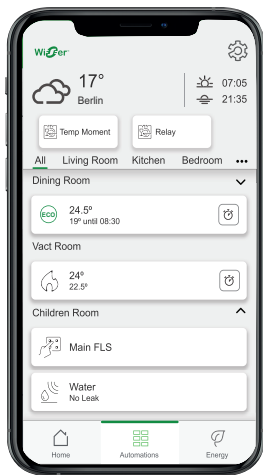
## Wiser solutions for roller shutters and blinds

### Roller shutter – Up/Down/Stop and Percentage Control

Wiser Device



Wiser Home app



## 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**

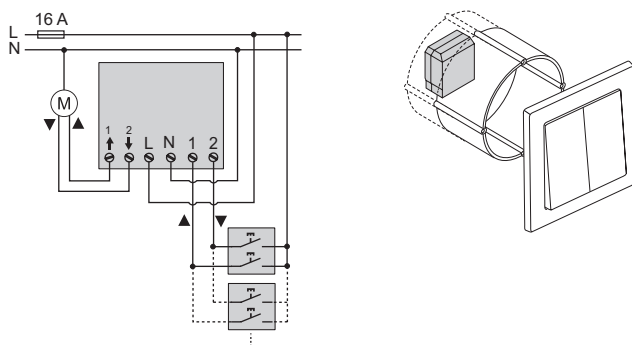
### Features

- 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:** 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,  $\cos\phi = 0.6 - 1.0$
- Blind channel: 1, mechanically and electronically locked against each other
- Standby: Max. 0.3 W
- Operating Temperature: 0 °C to 35 °C
- Neutral conductor: Required
- Connecting terminals: Max.  $2 \times 2.5 \text{ mm}^2$ , 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



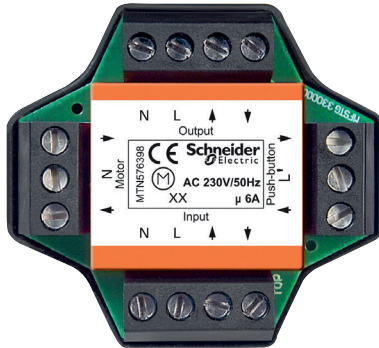
For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:  
[https://www.productinfo.schneider-electric.com/wiser\\_home](https://www.productinfo.schneider-electric.com/wiser_home)

# Wiser solutions for roller shutters and blinds

## Complementary products

Wiser Device

### Multiple Control Relay



MTN576398

### Description

**Multiple Control Relay – Flush mounted**

### Commercial ref.

**MTN576398**

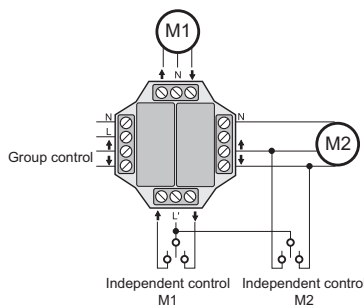
### Features

- 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.

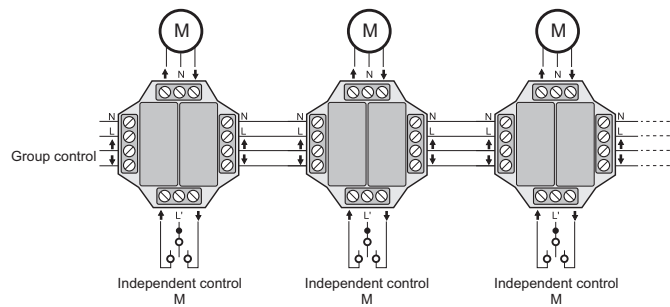
### Characteristics

- Mains voltage: AC 230 V, 50 Hz  $\pm 10\%$
- Control voltage: AC 230 V  $\pm 10\%$
- 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<sup>2</sup>
- Dimensions (H x W x D): 22 x 49 x 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](https://www.productinfo.schneider-electric.com/wiser_home)



# Wiser solutions for roller shutters and blinds

## Complementary products

### Multiple Control Relay



MTN576397

Description	Commercial ref.
Multiple Control Relay – REG	MTN576397

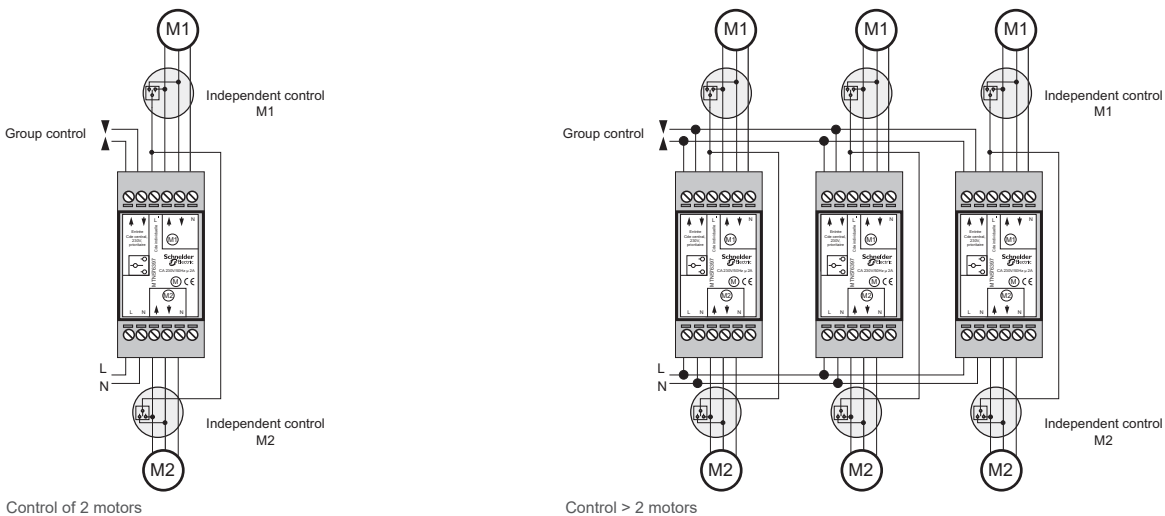
### Features

- 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  $\pm 10\%$
- Control voltage: AC 230 V  $\pm 10\%$
- 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<sup>2</sup>
- Width: approx. 36 mm (2 UL)
- For installation on DIN rails TH35 according to EN 60715

### 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](https://www.productinfo.schneider-electric.com/wiser_home)

# Wiser solutions for roller shutters and blinds

## New Unica Design

Wiser Device

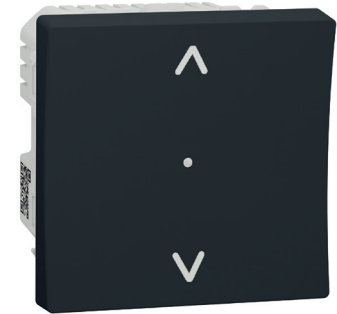
### Connected Blind Control Switch



NU350818W/NU350820W



NU350830W



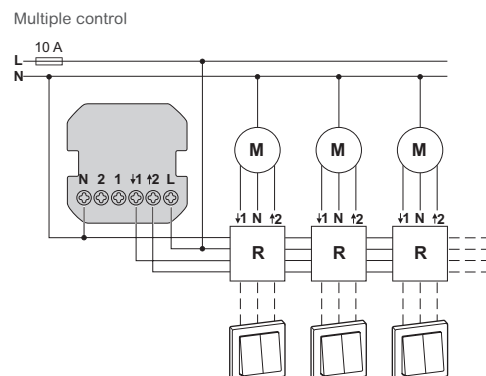
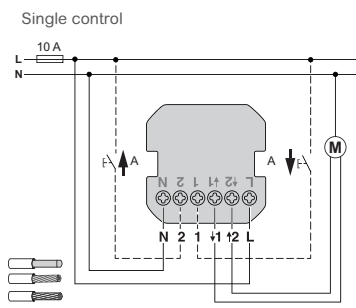
NU350854W

Description		Commercial ref.
Connected Blind Control Switch	White	<b>NU350818W</b>
	White antibacterial	<b>NU350820W</b>
	Aluminium	<b>NU350830W</b>
	Anthracite	<b>NU350854W</b>

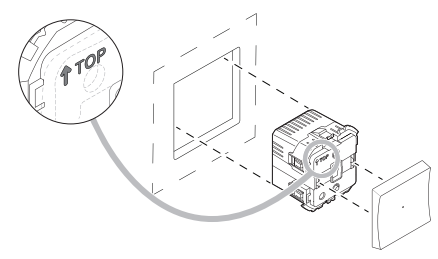
Features	Additional app functions:
<ul style="list-style-type: none"> <li>Protection of the motor against damage with two mutually electrically locked relay contacts</li> <li>Operation with extension unit (mechanical double push-button)</li> <li>Group control of multiple blinds</li> <li>Central control of multiple blind groups</li> <li>Settings: Resetting to default settings</li> <li>Wireless data exchange with Hub, HubR and Hub 2nd Generation</li> </ul>	<ul style="list-style-type: none"> <li>Time switch (weekday switching, astro and random function)</li> <li>Status LED display (e.g. orientation light, show blind movement)</li> <li>Setting the blind movement time</li> <li>Varying blind and slat position</li> <li>Coupling to other devices with help of a status LED</li> </ul>

Characteristics	
<ul style="list-style-type: none"> <li>Nominal voltage: AC 230 V ~, 50 Hz</li> <li>Standby power: max. 0.4 W</li> <li>Connecting terminals: Screw terminals for max. 2 × 2.5 mm<sup>2</sup> – 0.5 Nm</li> <li>Extension unit: Double push-buttons, unlimited number max. 50 m</li> </ul>	<ul style="list-style-type: none"> <li>Display: Red/Green status LED</li> <li>Fuse protection: 10 A circuit breaker</li> <li>Nominal current: 4 A, cosφ = 0.6</li> <li>Frequency band: 2.4 GHz</li> <li>Transmission capacity: 2.5 mW</li> </ul>

### Wiring diagram - Mounting



R: Multiple Control Relay MTN576398

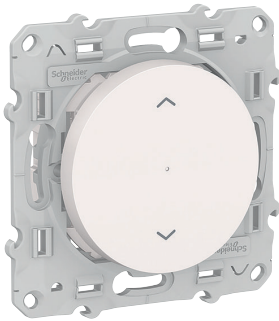


For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link: [https://www.productinfo.schneider-electric.com/wiser\\_home](https://www.productinfo.schneider-electric.com/wiser_home)

# Wiser solutions for roller shutters and blinds

## Odace Design

### Connected Blind Control Switch



S520567W



S530567W



S540567W

### Description

**Connected Blind Control Switch**

### Commercial ref.

White	<b>S520567W</b>
Aluminium	<b>S530567W</b>
Anthracite	<b>S540567W</b>

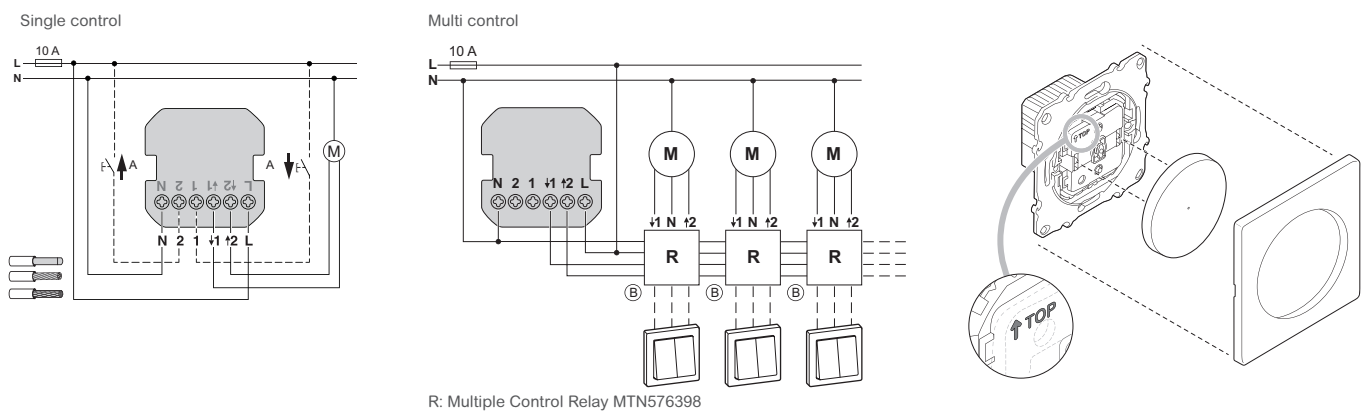
### Features

- 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<sup>2</sup> – 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



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](https://www.productinfo.schneider-electric.com/wiser_home)

# Wiser solutions for roller shutters and blinds

## Ovalis C Series

Wiser Device

### Connected Blind Control Switch



S320567W



S340567W

### Description

**Connected Blind Control Switch**

### Commercial ref.

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

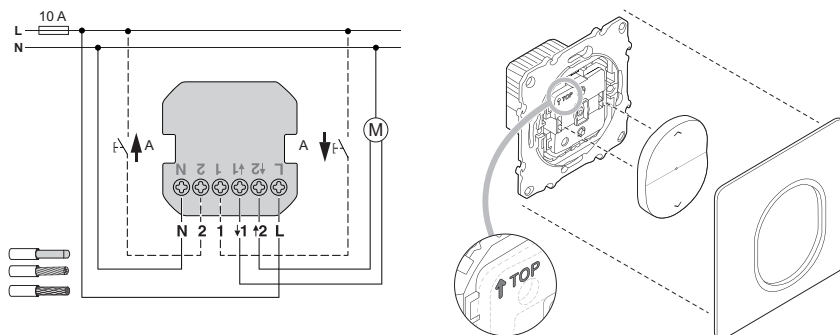
#### Additional app functions:

- 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 mm<sup>2</sup> – 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

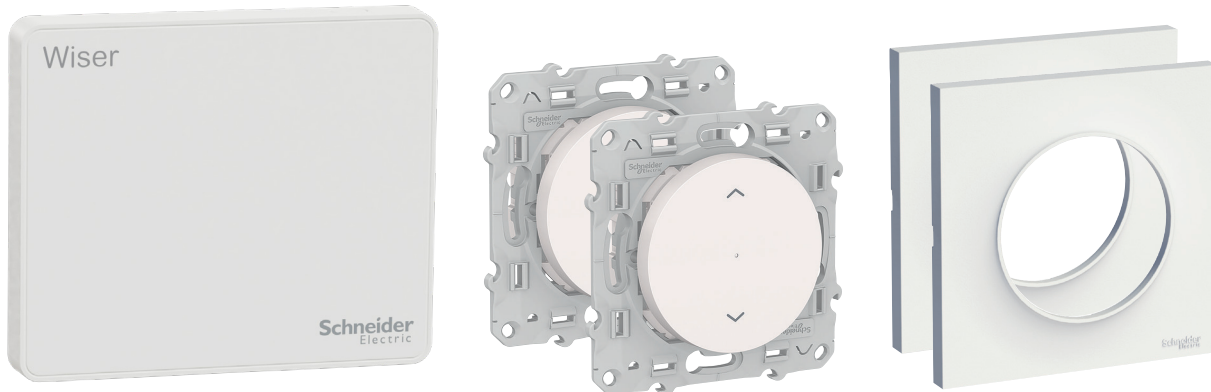


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## Wiser solutions for roller shutters and blinds

### 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 where 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](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.



## Wiser safety and security solutions

### Sensors and Alarms

#### Window/Door Sensor



CCT591012

#### Description

**Wiser Window/Door Sensor**

#### Commercial ref.

**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](https://www.productinfo.schneider-electric.com/wiser_home)

## Wiser safety and security solutions

### Sensors and Alarms

#### Water Leakage Sensor



CCT592012

#### Description

**Wiser Water Leakage Sensor**

#### Commercial ref.

**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](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](https://www.productinfo.schneider-electric.com/wiser_home)

## Wiser safety and security solutions

### Sensors and Alarms

#### Motion Sensor



CCT595012

#### Description

**Wiser Motion Sensor**

#### Commercial ref.

**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](https://www.productinfo.schneider-electric.com/wiser_home)

## Wiser safety and security solutions

### Sensors and Alarms

#### Smoke Alarm - Battery



CCT599002

#### Description

**Wiser Smoke Alarm - Battery**

#### Commercial ref.

**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](https://www.productinfo.schneider-electric.com/wiser_home)

## Wiser safety and security solutions

### Sensors and Alarms

#### Smoke Alarm - 230 V



CCT599502

#### Description

##### Wiser Smoke Alarm - 230 V

#### Commercial ref.

CCT599502

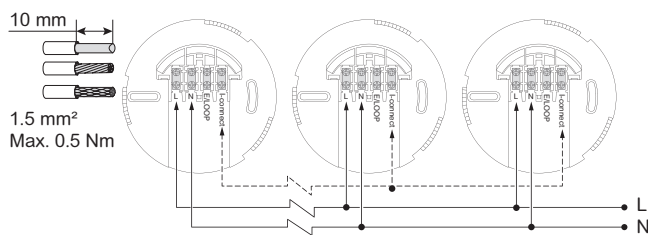
#### Features

- 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:  $\leq 40$  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 x W x D): 115 x 115 x 46 mm
- Terminals: 1 x 4 way terminal (interconnection, Earth/Loop, Neutral, Life)
- Wiring capacity: up to 2 x 1.5 mm<sup>2</sup> 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](https://www.productinfo.schneider-electric.com/wiser_home)



# 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

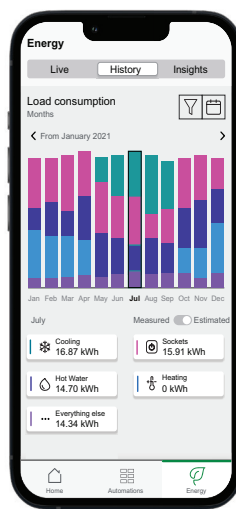
PowerTag Energy provides you an in-depth visibility of your energy consumption so you can use energy better and more efficiently. With energy costs on the rise, knowing how you use energy is key to optimizing your bills.

### With a single PowerTag Energy at home you can get:

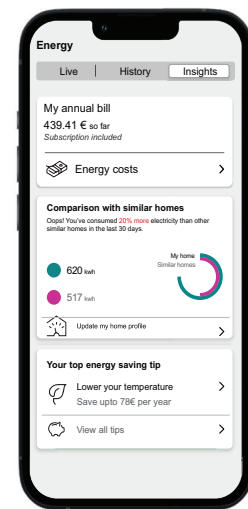
- Energy consumption view of the entire house and at the load level (thanks to disaggregation technology)
- Real-time consumption view of the entire house (thanks to PowerTag Energy)
- Personalized energy insights (similar homes comparison and energy saving tips based on user's home profile)
- Notified 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  
 comparison 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.

## 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.

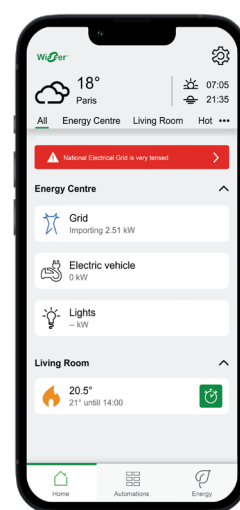
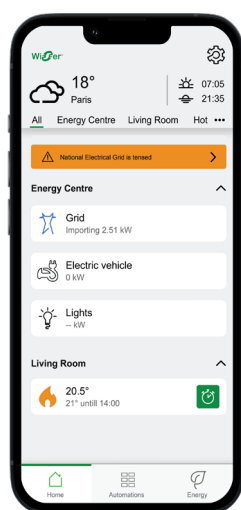
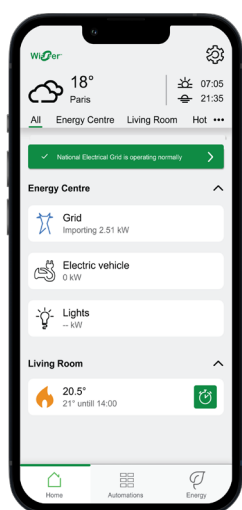
### Live and forecasted national electrical grid status:

- **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 solutions for energy monitoring

## PowerTag Energy

### PowerTag



Description	Commercial ref.
PowerTag Energy F63 Resi9 1P+N	<b>R9M60</b>
PowerTag Energy F63 Resi9 3P+N	<b>R9M70</b>

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			I <sub>max</sub>	63 A
Base current			I <sub>b</sub>	10 A
Saturation current				130 A
Starting current			I <sub>st</sub>	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

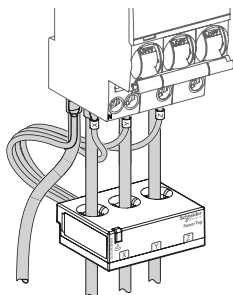
Radio-frequency communication				
ISM band 2.4 GHz				2.4 GHz to 2.4835 GHz
Channels		As per IEEE 802.15.4		11 to 26
Isotropic Radiated Power		Equivalent (EIRP)		0 dBm
Maximum transmission time				<5 ms
Channel occupancy		Messages sent every		5 seconds minimum

Characteristics of measuring functions			
Function		Performance category as per IEC 61557-12	Device measuring range
Active energy (delivered and received)	E <sub>a</sub>	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 mm<sup>2</sup> 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](https://www.productinfo.schneider-electric.com/wiser_home)

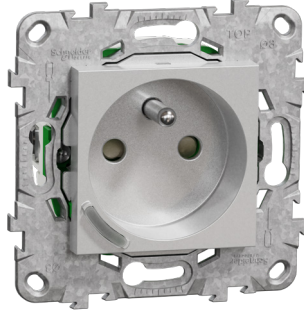
## Wiser solutions for energy monitoring

### New Unica

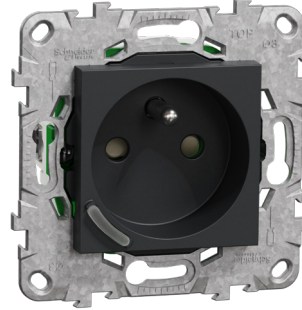
#### Connected Single Socket Outlet 16 A



NU555918



NU555930



NU555954

#### Description

#### Commercial ref.

#### Connected Single Socket Outlet 16 A

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<sup>2</sup>
- 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](https://www.productinfo.schneider-electric.com/wiser_home)

## Wiser solutions for energy monitoring

### Odace Design

#### Connected Single Socket Outlet 16 A



S520559



S530559



S540559

#### Description

##### Connected Single Socket Outlet 16 A

White  
Aluminium  
Anthracite

#### Commercial ref.

**S520559**  
**S530559**  
**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.
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#### Characteristics

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- 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:  
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## Wiser solutions for energy monitoring

### Ovalis C Series

#### Connected Single Socket Outlet 16 A



S320559



S340559

#### Description

##### Connected Single Socket Outlet 16 A

White

#### Commercial ref.

S320559

Anthracite

S340559

#### Features

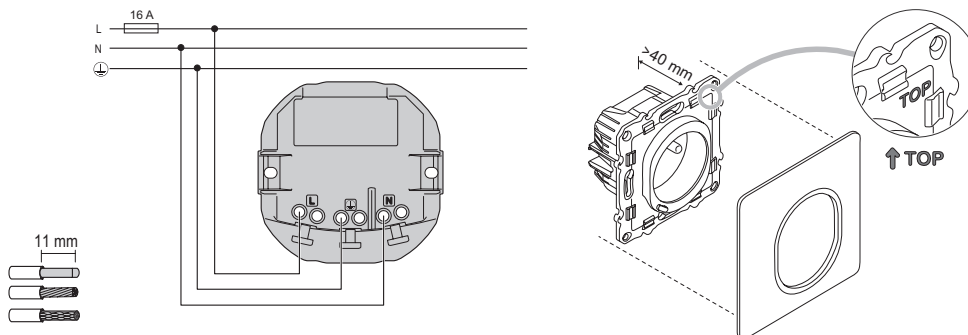
##### Control and communication

- 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<sup>2</sup>
- 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](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:

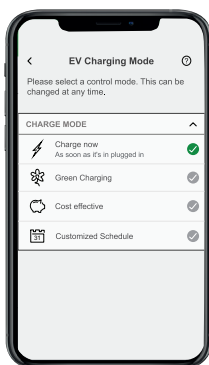
- A full range of products: T2/T2S socket, with or without attached cable, 3 power ranges available.
- Built-in internal protection: RDC-DD 6 mA filter
- Communication protocol OCPP1.6J
- User-friendly LED status indicator.



#### 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 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:

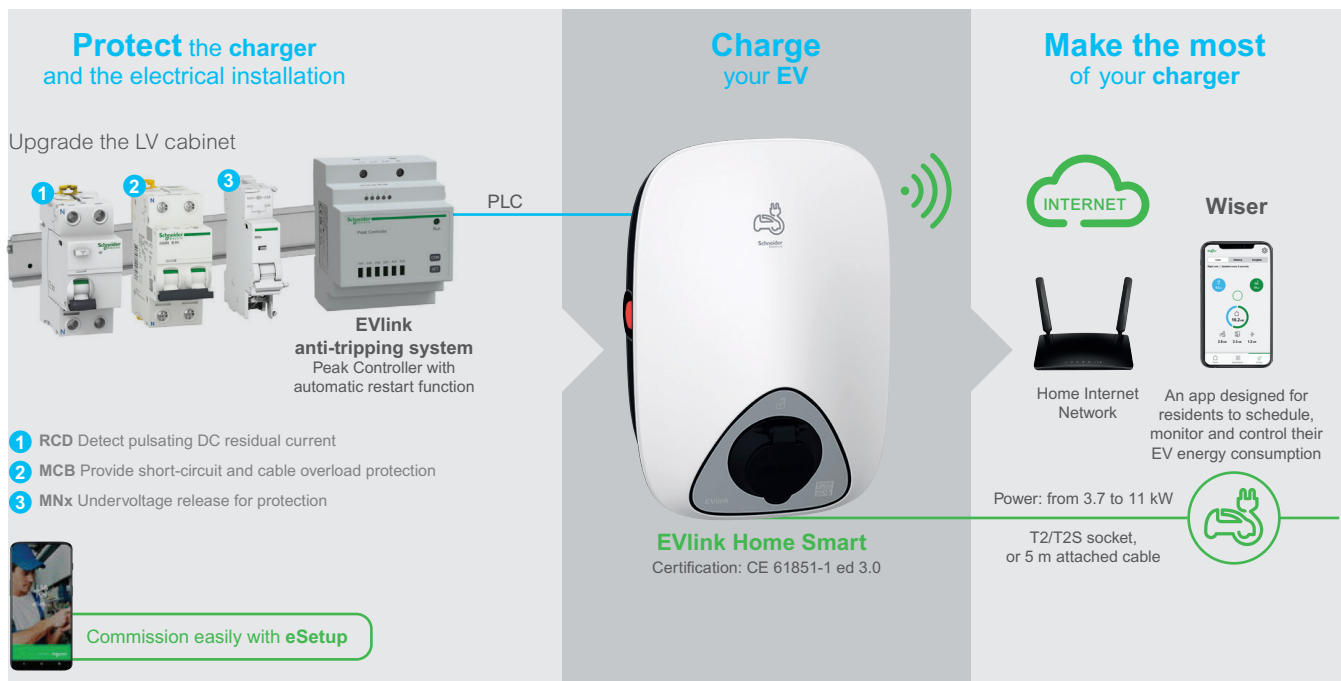
- Reduced installation time
- Schneider Electric certification and training
- Products available from distributors



#### ▶▶ 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





## Wiser eMobility solutions

### EVlink Home Smart

#### EVlink Home Smart



#### Description

EVlink Home Smart T2 1P+N 3.7 kW 16 A with RDC-DD  
 EVlink Home Smart T2 1P+N 7.4 kW 32 A with RDC-DD  
 EVlink Home Smart T2 3P+N 11 kW 16 A with RDC-DD  
 EVlink Home Smart T2S 1P+N 3.7 kW 16 A with RDC-DD  
 EVlink Home Smart T2S 1P+N 7.4 kW 32 A with RDC-DD  
 EVlink Home Smart T2S 3P+N 11 kW 16 A with RDC-DD  
 EVlink Home Smart cable 5 m 1P+N 3.7 kW 16 A with RDC-DD  
 EVlink Home Smart cable 5 m 1P+N 7.4 kW 32 A with RDC-DD  
 EVlink Home Smart cable 5 m 3P+N 11 kW 16 A with RDC-DD  
 EVlink Home Smart 1P+N 3.7 kW 16 A T2S - with RDC - DD Filter - TIC  
 EVlink Home Smart 1P+N 7.4 kW 32 A T2S - with RDC - DD Filter - TIC  
 EVlink Home Smart 3P+N 11 kW 16 A T2S - with RDC - DD Filter - TIC

#### Commercial ref.

EVH4A03N2  
 EVH4A07N2  
 EVH4A11N2  
 EVH4A03N4  
 EVH4A07N4  
 EVH4A11N4  
 EVH4A03NC  
 EVH4A07NC  
 EVH4A11NC  
 EVH4A03N400F  
 EVH4A07N400F  
 EVH4A11N400F

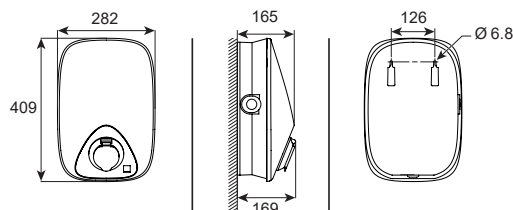
#### Features

- 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 x W x D): 409 x 282 x 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](https://www.productinfo.schneider-electric.com/wiser_home)

## Wiser eMobility solutions

### EVlink Home Anti-tripping System

#### EVlink Home Anti-tripping System



#### Description

EVlink Home Anti-tripping System 1P+N

EVlink Home Anti-tripping System 3P+N

#### Commercial ref.

EVA1HPC1

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 ( $\pm 10\%$ )
- 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 x W x H): 70.4 x 93.2 x 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](https://www.productinfo.schneider-electric.com/wiser_home)



Schneider  
Electric



EVlink

# 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 Wisier ecosystem and controlled remotely. Consumption can be visualized and tracked. In cases of anomalies or unusual consumption, the Wisier 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

- Mureva EVlink Socket 16 A Pin Earth with Hook
- Mureva EVlink Socket 16 A Pin Earth with Hook and Lock
- Mureva EVlink Socket 16 A Pin Earth with Hook and RCBO

- Anthracite
- Anthracite
- Anthracite

### Commercial ref.

- MUR36014
- MUR36015
- MUR36016

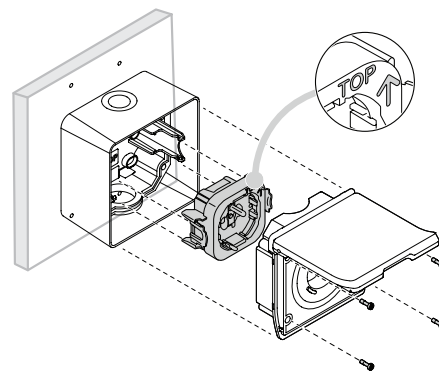
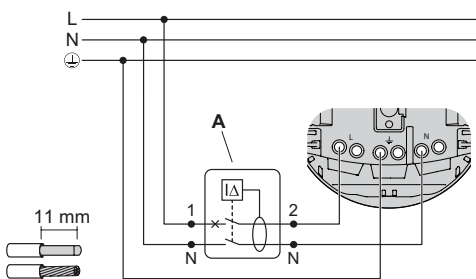
### Features

- 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 mm<sup>2</sup>
- 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](https://www.productinfo.schneider-electric.com/wiser_home)

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



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03-2024

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Document reference: LSB03174EN

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