Wiser™

Catalog 2023

Wi⁵er™
Smart and Sustainable Homes

se.com/wiser

Life Is On | Schneider Electric

Content

Meet Wiser

The smart home market is
growing fast, bringing unmissable
opportunities. Wiser™ solutions let
you add an exciting new dimension to
your projects. And they're as simple
to install as traditional products.

Welcome to the home of the future

As more homes become connected and the world increasingly relies on electricity, it's expected that global energy consumption will almost double by 2050. **Already, residential housing accounts for 34 % of the world's total energy consumption* and is set to become the largest consumer of electricity globally.** Therefore, it's critical for homeowners to have tools to control their usage and optimize their energy needs without sacrificing comfort.

Smart home technology can satisfy this need. **A survey by Schneider Electric found about 40 % of consumers expect to adopt smart home technology moving forward.** The survey also found consumers think about leveraging smart home technology as the best way to improve home safety and security and reduce energy costs.

Schneider Electric's vision for the sustainable home of the future connects electricity with digital, enabling every device to be controlled and personalized easily through the Wiser by SE app, **ensuring homes are sustainable, resilient, hyper-efficient, and personal**.

*Source: International Energy Agency

“ Our relationship with our homes continues to evolve as we spend more time at home and our lifestyles become increasingly digital.”

Jai Thampi, SVP, Strategy & Innovation, **Schneider Electric**

Smarter, not harder

Meet all your customers' needs

From one smart function to a complete smart home, the Wiser system features all the popular automation functionalities your clients could want. You can start them off simply with one or two smart home functions, like living room lights and bedroom window shutters, and grow their system as their needs grow.

Easily expand your business offerings

In addition to standard electrical installs, now you can simply add connectivity into your projects. It's the easiest way to bring smart home functionality into your installations – no complicated wiring necessary.

Provide a smart home solution you and your customers can trust

Wiser is built on Schneider Electric's energy management expertise of nearly two centuries and experience, with one in five homes globally currently using our products. We've developed Wiser smart home solutions to offer the same high quality, clever engineering, and reliability you know and trust from us.

Motion sensors bring home the convenience and efficiency of automatic lighting

Got your hands full? No worries – "Hey Google, turn up the lights".

Discover a flexible smart home solution

Wiser gives your customers more comfort, higher energy savings, and greater safety.

With multiple functionalities from a single application, Wiser is a scalable, evolutive smart home solution that can be easily installed and tailored to each home's needs and particulars. The solution gives consumers digital local and remote controls with connected switches through the Wiser by SE app on their smartphone. Wiser is compatible with: with Amazon Alexa, Google Assistant, and Siri.

To make the system work smartly, Wiser also includes connected sensors which bring increased efficiency, flexibility, and intelligence to the core products.
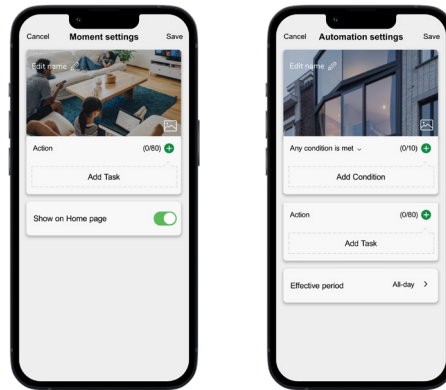
Alexa   Google Assistant   Siri

One touch sets the
mood for dinner

Offer the convenience of a Wiser lifestyle

With the Wiser by SE app, your customers' smartphone or tablet becomes their home control panel

Tap ➕ to add new moment or automation

Homeowners operate shutters and lighting remotely with the app, or locally with voice assistants. This enables you to add value to your service, because you can set all of this up for them, create Moments, or show them how to make the most of their system.

Create personalized moments

Moments can be set up for all kinds of scenarios in the home. These are great for dinner parties, having friends over for movie nights, or just winding down. Moments are a simple way to save favorite settings for lighting, shade, and temperature in any room.

The power of automation

True home automation is when a Moment happens exactly when it's supposed to. With pre-set conditions, in other words. For example, the air conditioning can be set up to stop when a window opens. Lights can be set to switch OFF when no motion is sensed, for example, for a specific period of time or in a particular room defined by the user in the Wiser by SE app. The system can activate an 'Evening' Moment when the sun sets, a 'Welcome Home' Moment when the front door opens, or at pretty much any time that suits your customers' lifestyle.

Wide control and compatibility

With seamless design integration

Wiser smart home products are completely compatible with our existing wiring device ranges, making identical design and functional integration possible. They are engineered to fit into standard grid platforms and cover plates, seamlessly continuing the look through every room. If your customers have Google Home, Amazon Echo, or Apple HomeKit, they can command their Wiser connected home system through their preferred device.

USES FOR WISER

Voice control for the home

Offer your customers even more convenience. Voice control compatibility enables lighting to be set to 'Dinner' Moment without getting off the couch, or 'Sleep' Moment to be activated in the children's room while cleaning up in the kitchen.

Always ensure the perfect atmosphere

The Wiser by SE app allows all shutters, or groups of shutters, to be closed simultaneously either on demand or at scheduled times. This is great for long weekends away. Shutters can be scheduled to close in the evening and open again in the morning to simulate presence.

Now showing...in their living room

Moments can be taken even further to give your customers full control of the ambiance in their living room... or should we say home cinema? For those family nights in, a 'Movie' Moment can be set up to lower the lighting, close the shutters, turn the AV systems ON or OFF, and set a comfortable temperature.

Creature comforts

Wiser can be set to switch the air conditioning on automatically when someone enters the room, or when the temperature exceeds a preset level. Your customers can automate this so they don't waste energy or heating while they're at work.The house will warm back up for them when they return in the evening.
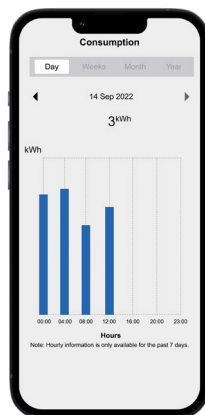
Provide enhanced efficiency

Help your customers save on energy and costs

Continue to make your customers happy long after you've left. From creating Moments and Automations to simple actions designed to cut energy waste, Wiser features numerous ways they'll be able to continually lower their bills and their carbon footprint.

USES FOR WISER

Smart energy saving

If your customers want to save energy without making compromises, Wiser has options for creating smart energy saving solutions within schedules, as well as Moments and Automations such as:

- Switching OFF devices that are not being used
- Turning OFF lights and air conditioning
- Managing lights and shutters to track with the sunrise and sunset or changes in forecasted weather
- Setting energy monitoring alerts
- Adding and enabling an 'Away' Moment to switch OFF everything while out

Less wasted energy

Your customers never need to worry again about whether they left the air conditioning on or a window open. Wiser detects if there is no movement in a room for more than 10 minutes and makes adjustments as required.

Appliance control

If your customers are away for the day, Wiser gives them the ability to turn electrical appliances, such as the iron, OFF remotely, giving them peace of mind. If they are on their way home, they can switch on the oven from the car so it's pre-heated when they get back.

Keep cool

To keep the house cooler on the hottest days, homeowners can create a 'Summer' Moment to close all the shutters in a room depending on the level of sunlight entering the room.

Door and window
sensors add an
extra layer of
safety at home

Offer new ways to improve safety at home

Wiser offers solutions for greater peace of mind, helping protect the home from potential intruders, extreme weather, or even occupants' forgetfulness.

You can integrate sensors to monitor several security parameters including door/window opening, motion, water leakage detection, and indoor IP cameras.

The homeowner is notified of any abnormal activity via the Wiser by SE app.

Installing Wiser sensors as part of the system enables your customers' to set alarms to warn about abnormal situations such as when motion is detected inside the house while set to 'Away' Moment, or when water leakage or high levels of heat or humidity is detected.

USES FOR WISER
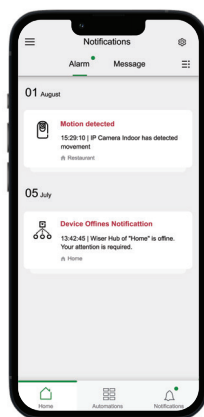
Improved security
When your customer is on holiday, Wiser can switch lights ON and OFF and open and close the shutters at pre-set times to provide a realistic impression of occupancy.

Exterior lights
Increase safety around the outside of your customers' home, Wiser can activate outdoor lighting automatically when natural light falls below 300 lux at any time during the day.

Extreme weather
The Wiser by SE app sends your customers extreme weather alerts if for example strong wind is forecast, enabling them to close shutters in advance to protect their property.
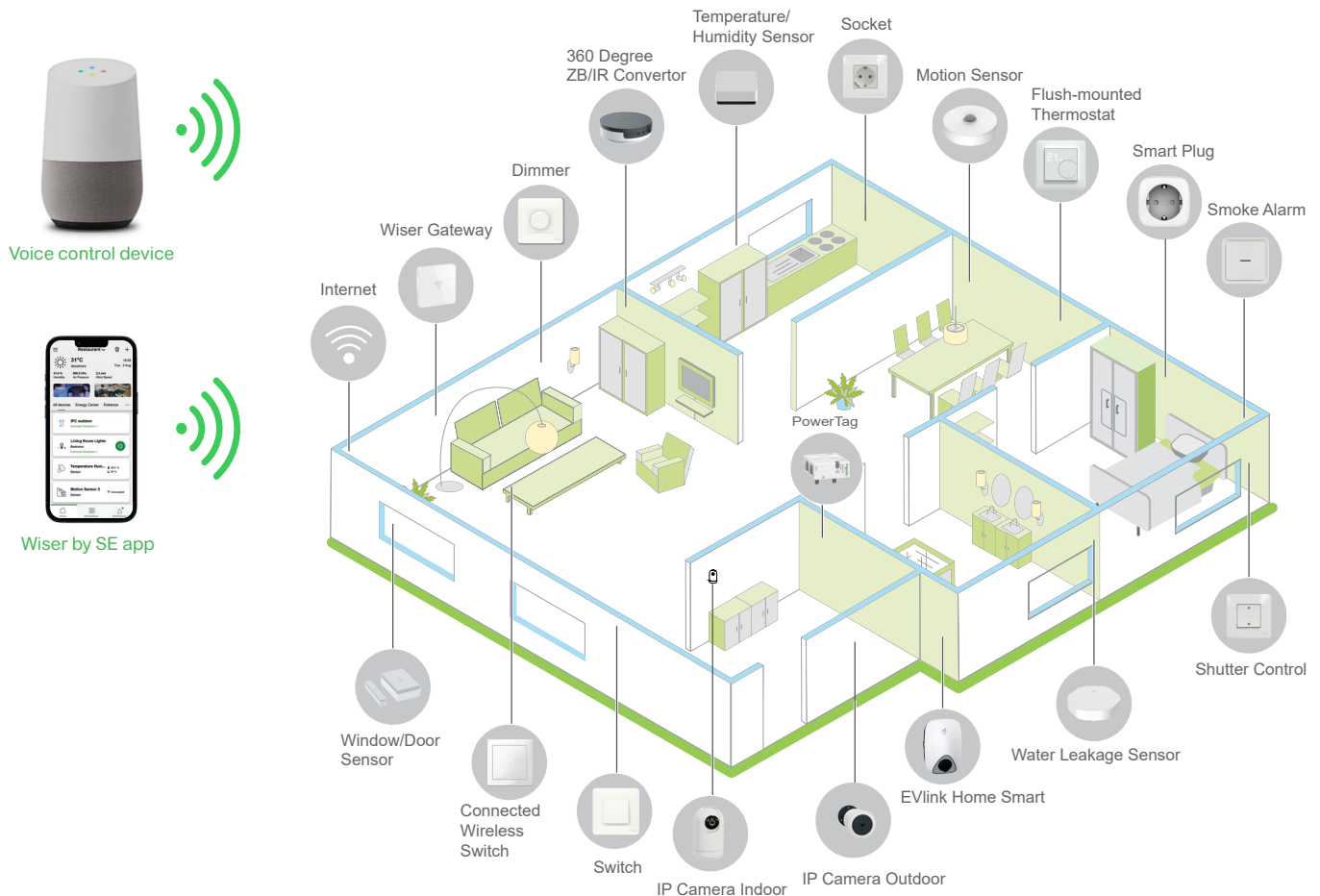
Wiser is
easy to install

We've designed Wiser to be as easy to
install as standard electrical wiring devices.
You simply install the grids as usual, then
terminate the Wiser mechs using standard
wiring, and add the cover plates.

A water leakage sensor saves your customer from a potentially expensive problem.

Offer a wide range of possibilities

Voice control device

Wiser by SE app

Internet

Wiser Gateway

Dimmer

360 Degree ZB/IR Convertor

Temperature/ Humidity Sensor

Socket

Motion Sensor

Flush-mounted Thermostat

Smart Plug

Smoke Alarm

PowerTag

Window/Door Sensor

Connected Wireless Switch

Switch

IP Camera Indoor

IP Camera Outdoor

EVlink Home Smart

Water Leakage Sensor

Shutter Control

Gateway

Easy to install and connect to Wiser devices, the Wiser Gateway communicates between one or more devices and a smartphone via the Wiser by SE app. It gives your customers full control of their home remotely and can be mounted, placed on a table, or even inside a wall box.

SELLING TIPS:

Offer the full smart home experience. Once the Wiser Gateway is installed, talk to your customer about expanding the Wiser system throughout the home.

**Explaining Wiser
comes easy**

Setting the mood for movie
night takes no time at all
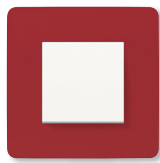
Lighting and shutter control

Wiser enables personalized lighting ambiances to create the right mood for every activity and moment, day or night. The Wiser by SE app gives homeowners full control of lights and shutters with a simple tap or swipe.
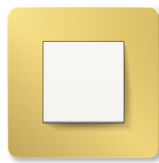
Personalized

Offer a wide range of designs.
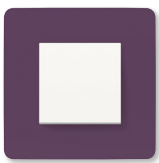
Unica Studio
Color Plum

Unica Studio
Color Red

Unica Studio
Outline White

Unica Studio
Metal Gold
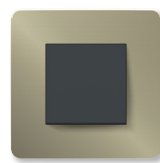
Unica Studio
Metal Bronze

Unica Pure
Nordic wood

Functional

Provide a complete range of functions with New Unica connected switches.

Works with
Wiser™

Connected
Universal
Rotary Dimmer
LED

Connected
Relay
Switch 10 A

Connected
Blind Control
Switch

Connected
Motion Sensor
Switch

Connected
Universal
Push-button
Dimmer LED

Flexible

Even if your customer doesn't want to change their switches, you can bring them smart functionalities with Wiser Micro Modules.

Wiser Micro
Module Light
Switch

Wiser Micro
Module
Dimmer

Wiser Micro
Module Shades
Control

INSTALLATIONS TIPS:

1. For Dimmers, it's two-wire or three-wire installation. For Relay Switch, it's a three-wire installation (along with neutral).

2. For a conventional lighting circuit with two 2-way switches, only one needs to be connected.

SELLING TIPS:

Why not suggest a small upgrade to your traditional living room installation? You can provide a small introduction to smart home solutions and help them grow their setup in the future.

An advanced system deserves state-of-the-art devices

The eyes and ears of the system, Wiser sensors are easy to install, reliable, and ready for anything.

Wiser sensors keep an eye on different areas of the home and gather data such as room temperature, movements, or water leakages. This enables them to send your customers notifications via the Wiser by SE app if something's amiss. The sensors provide information to enable the Wiser system to take care of everyday things, such as turning OFF the light when nobody's in the room.

Wiser Window/Door Sensor

These sensors detect when windows and doors are open or closed and they send the status to the Wiser by SE app through the gateway.

Wiser Motion Sensor

They detect movement and lux level in the room and control Wiser devices to configure the room for the desired effect.

Wiser Water Leakage Sensor

When detecting leaking pipes and the presence of water, they alert via a notification.

Wiser Temperature/Humidity Sensor

These devices detect changes in temperature and humidity and ask the Wiser system to respond by adjusting environmental control devices, such as the cooling.

SELLING TIP:

If your customer has small children, why not propose Wiser sensors to them to enhance their peace of mind?

Sensors
are a snap
to install

It's easy to add value with Wiser

Maximize the smart home experience

Smart socket outlets and plugs allow your customers to add floor and table lamps to their Wiser lighting control setup, for example. Your customers can monitor power consumption of plugged-in devices and make sure critical appliances are switched OFF.

Single Socket Outlets

Fully compatible with the Wiser system, the Connected Single Socket Outlet 16 A provides a power monitoring function and other features such as scheduling, timer, and moments. It's easy to fit into new build or retrofit installations.

Wiser Smart Plug

The Wiser Smart Plug 16 A is a plug adaptor used to control various electrical devices such as floor lamps, radios, ventilators, or coffee machines, and can be operated remotely.

Indoor Wiser IP Camera

Easily installed on the wall, ceiling, or placed on a table, the Wiser IP Camera enables your customers to monitor sensitive areas of their home – even at night, thanks to the integrated infrared LEDs. The camera is connected and managed via the Wiser by SE app.

Connected Wireless Switch

This wireless switch can be placed anywhere. With a simple click, the user can perform actions such as turning a light ON or OFF, or control Moments.

IR Converter

The 360 Degree ZB/IR Converter controls split air conditioners that can be operated by infrared (IR) remote control.

SELLING TIPS:

Smart Plugs offer your customers powerful control over appliances without any rewiring! For those with New Unica, System M or System Design switches at home, Wiser-compatible smart socket outlets are the best option.

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).
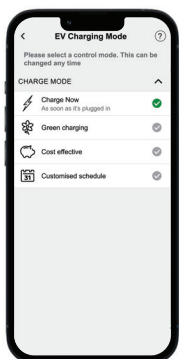
Wiser Mobile app

Connected technology

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

eMobility Solutions

Smart End-to-End Solution

Peace of mind

No disruption of your lifestyle and keep your installation running

Fast

Speed-up your charging duration

Sustainable

Manage your energy consumption with ease and switch to renewable sources

Cost efficient

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

Customer benefits

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

▶▶ For home builders:
- Competitive and certified offer
- Benefit of Schneider Electric's reputation network of certified partners
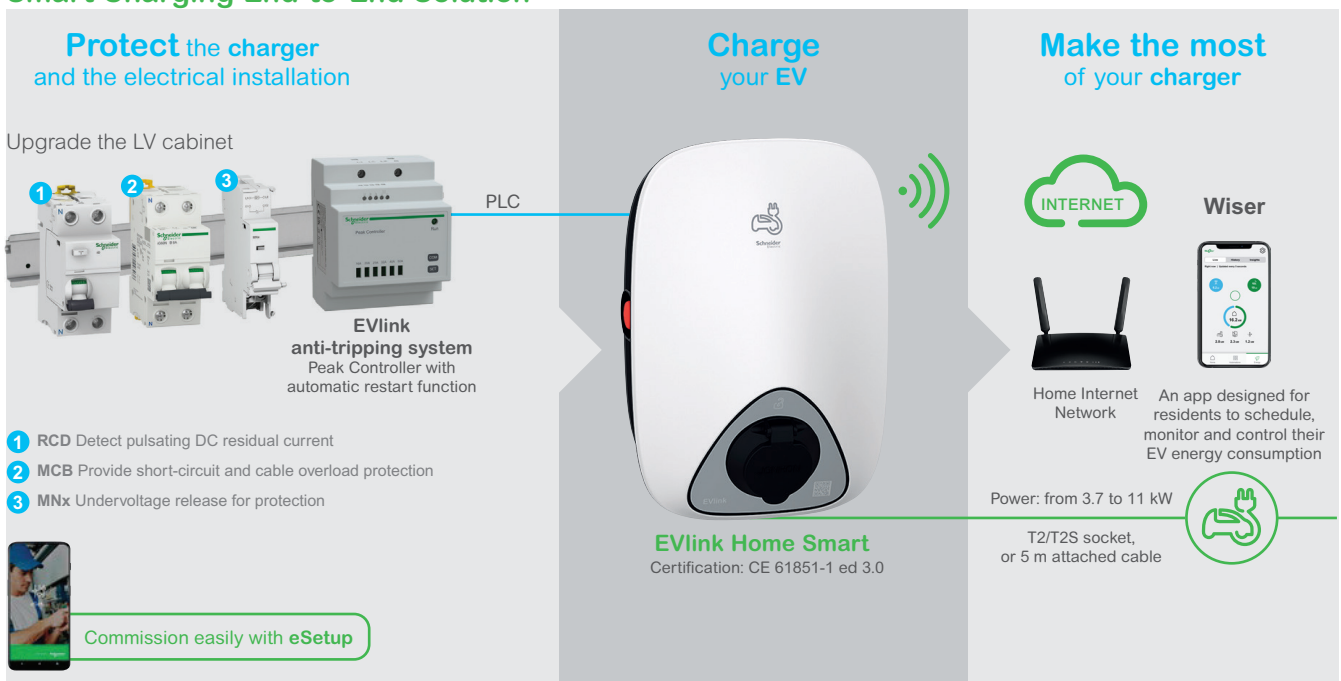
▶▶ For electricians:
- Reduced installation time
- Schneider Electric certification and training
- Products available from distributors

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

Smart Charging End-to-End Solution

Protect the **charger** and the electrical installation

Upgrade the LV cabinet

PLC

EVlink anti-tripping system
Peak Controller with automatic restart function

1 **RCD** Detect pulsating DC residual current

2 **MCB** Provide short-circuit and cable overload protection

3 **MNx** Undervoltage release for protection

Commission easily with **eSetup**

Charge your **EV**

EVlink Home Smart
Certification: CE 61851-1 ed 3.0

Make the most of your **charger**

INTERNET

Wiser

Home Internet Network

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

Power: from 3.7 to 11 kW

T2/T2S socket, or 5 m attached cable

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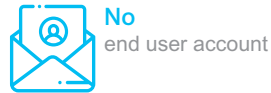
eSetup for electrician app - designed for commissioning Wiser devices for electricians

## eSetup is a free,
dedicated commissioning app for electricians

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

No internet

**No** end user account

Other features of the eSetup app:

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

Download the eSetup app

ANDROID APP ON **Google play** · Available on the **App Store**
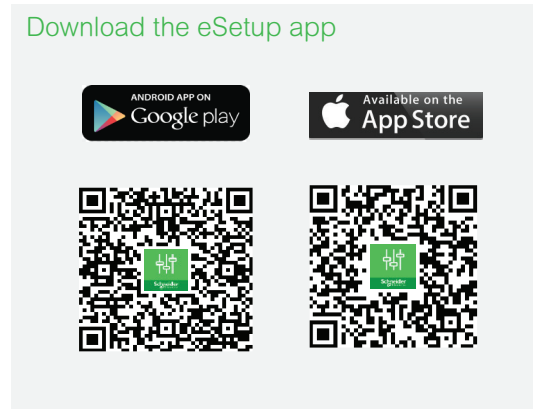
Step by step configuration

Connect your Wiser devices to the mains, open the eSetup app and let it guide you through the configuration process.
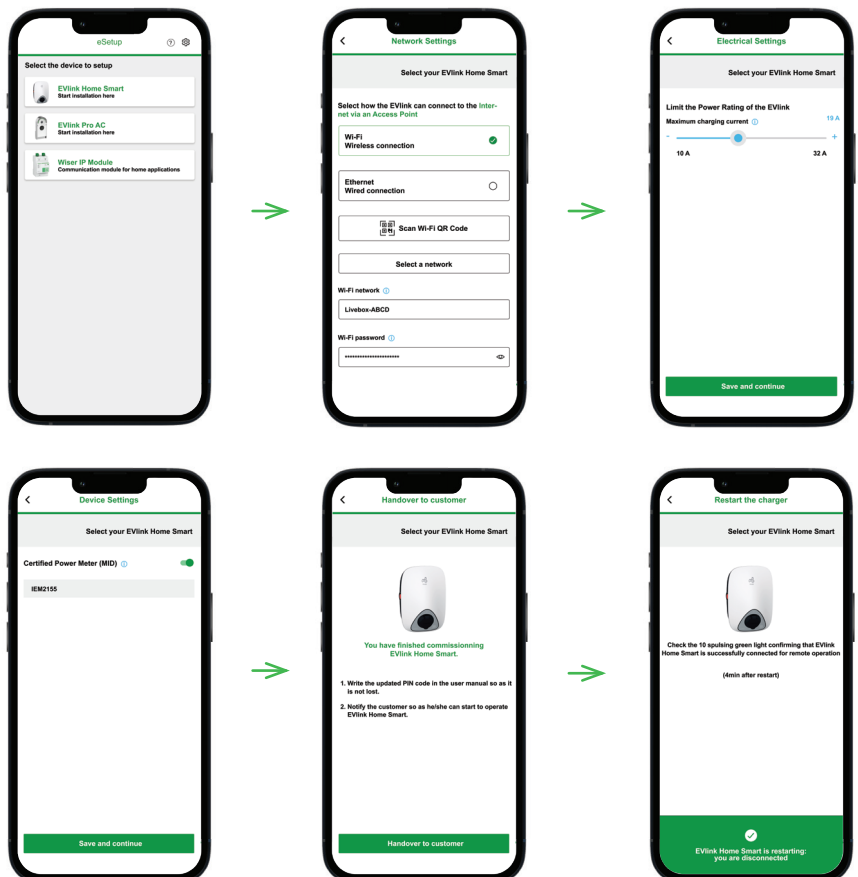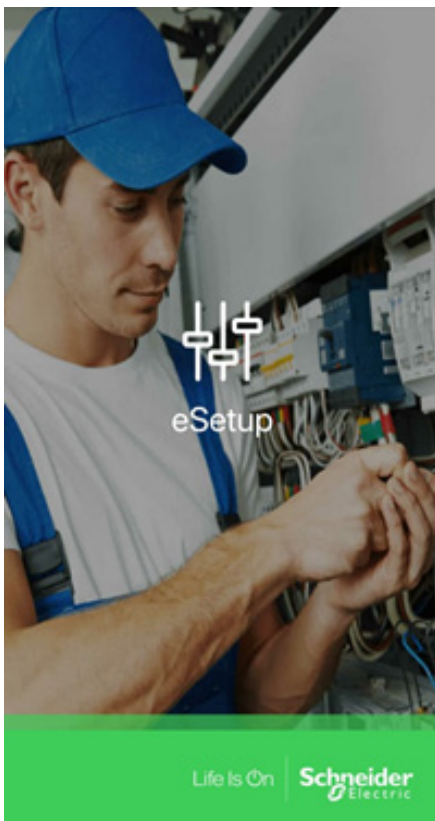
New smart home solutions, same
high reliability and quality.

Connected solutions backed by expert support

Robust connectivity

With Wiser, you can be sure that you're installing a high-quality, robust smart home system. Wiser uses the Zigbee 3.0 wireless protocol that everyday devices use to connect to each other. Because of this, your customers get a smart home system that is:

- Reliable for all types of residential buildings
- Seamlessly integrated with devices around the home
- Energy efficiency thanks to Zigbee's low-power connectivity system

High-level protection

Your customers can relax knowing their personal data is protected. Schneider Electric has a secure cloud computing platform that offers best-in-class protection for their data and privacy. Information is only gathered for the purpose of providing superior quality service and a smooth, efficient, and personalized experience.

Expert support

Schneider Electric is with you in your smart home journey all the way. We offer a range of pre-sale and post-sale support including tools to help you get the right solution and trainings to help you make the most of Wiser.

Become an approved installer and join our Electricians Partner Program. You will get access to exclusive content and benefits to help you grow your business. **Sign up now!**
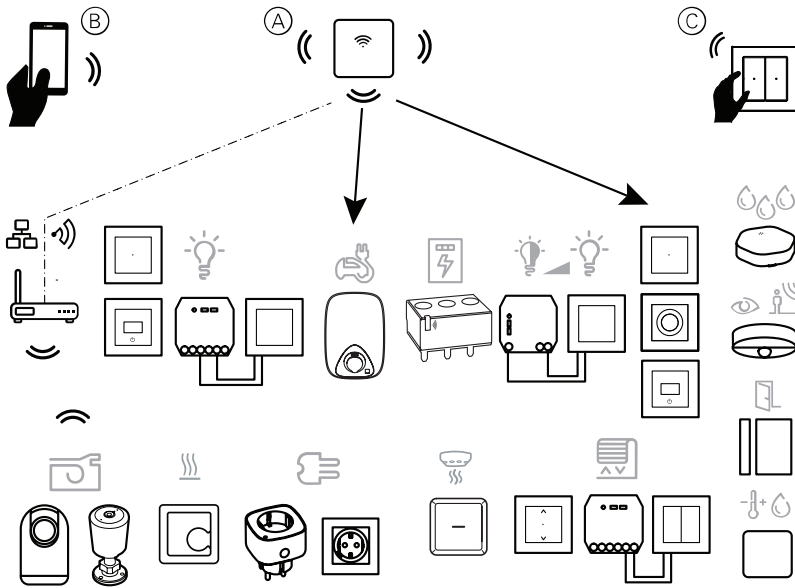
Approved Installer
for Wiser™

Schneider Electric

Wiser™

Wiser™

System Overview

The Wiser™ system provides a convenient and flexible solution for controlling home devices.

Wiser Gateway

The Wiser Gateway (see A) is the center of the system, processing control requests and status reports for connected devices.

With a personal account and the Wiser by SE app on a smartphone (see B), users can control the Wiser devices (see C) in their home from any location where the internet is available.

Devices

A range of devices are available to provide convenient control of:

• lighting and dimming
• motorized shutters and blinds
• power outlet switching and metering
• infrared-controlled equipment such as air conditioners, televisions and audio systems

Sensors are also available to record and report the following:

• room occupancy
• ambient light level
• window/door open or closed
• temperature and humidity
• water leakage

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

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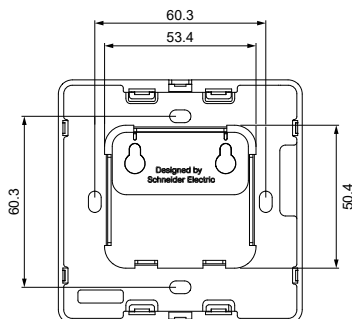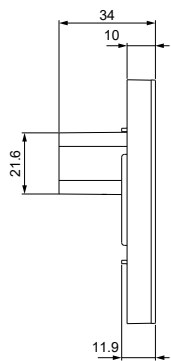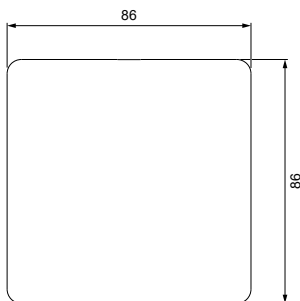schneider-electric.com/
wiser_eu/

Wiser™

Gateway
Wiser Gateway

Technical Characteristics

Overview

The Wiser Gateway is the Wiser system communication interface, enabling you to easily manage your home environment. It connects Wiser devices and enables communication between one or more devices and a smartphone via the Wiser by SE app. The gateway also allows you to control your home from a remote location. The gateway can be placed on a table using the table stand, or mounted on the wall, or even placed inside a wall box.

Main data

Commercial Reference	**CCT501901**
Product colour	□ White
Product or component type	Zigbee to IP network hub

Features

Power supply	AC adaptor (included) or 12 VDC/0.5 A power supply through 2-pin terminal block (not included)
Connector type	Micro USB port for the AC adaptor/2-pin terminal block for cable 0.25 mm² to 1.50 mm²
Nominal power for AC adaptor	100-240 V AC, 50/60 Hz
Communication interface	Ethernet - IEEE802.3, 10/100 base-T (LAN) Wi-Fi® - 2.4 GHz, IEEE802.11 b/g/n Zigbee - 2.4 GHz, IEEE802.15.4
System clock	RTC function with coin battery (CR1220)

Functions

- Monitors and controls Wiser Zigbee devices through the Wiser by SE app, using ethernet or Wi-Fi®.
- Through the Wiser by SE app, you can create moments and automations to operate Wiser Zigbee devices.

Environment

IP degree	IP20
Operating temperature	0 °C to 40 °C
Relative humidity	10 % to 90 %

Complementary

Dimension (H × W × D)	86 × 86 × 34 mm
Installation	The device can be installed directly on wall, in a standard wall box (Ø 73 mm, minimum depth 26 mm), or on table using the separately available Tablestand for Wiser Gateway CCT501400_0001.
Content	Metal bracket, screws and wall plug, AC adaptor, AC adaptor USB cable , ethernet cable, reset pin, installation instructions and hand over card

Certification

	Zigbee 3.0

Dimensions (mm)

Note:

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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_eu/

38   se.com/wiser

Wiser™

Tablestand
Tablestand for Wiser Hub/Gateway

Technical Characteristics

Overview	
The Tablestand for Wiser Hub/Gateway is an optional stand for placing the gateway on a table or other flat surfaces.	
Main data	
Commercial Reference	**CCT501400_0001**
Product colour	□ White
Product or component type	Docking kit
Environment	
Operating temperature	-10 °C to 45 °C
Relative humidity	10 % to 95 %
Complementary	
Dimension (H × W × D)	86 × 54.6 × 86 mm

Dimensions (mm)

86

86

54.4

24.6

7.4

Note:
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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_eu/

Wiser™

Micro Modules
Wiser Micro Module Dimmer

Schneider Electric
CS30323 92506
Rueil Malmaison
Cedex – France

CCT5010-0002
W50100

220-240V~, 50/60Hz
5-100VA LED RC
5-20VA LED RL
14-200VA

L ⟋ 1

Dimensions (mm)

43

43

22

Wiring diagram

16 A

L

N

L   ⟋ 1

Technical Characteristics

Overview

The Wiser Micro Module Dimmer combines the advantages of smart dimmer functionality with ordinary mechanical push-button switches. It transforms a conventional switch into a connected device that you can control from the switch or through the Wiser by SE app. Up to 10 mechanical push-button switches can be connected to one micro module dimmer to control a dimmable load. It can switch and dim ohmic, inductive, or capacitive loads.

Main data

Commercial Reference	CCT5010-0002
Product color	■ Dark grey
Product or component type	Micro Module Dimmer

Loads

LED lamp 230 V	LED	RC [1]: 5...100 W RL [2]: 5...20 W
Incandescent lamp 230 V		14-200 W
Halogen lamp 230 V		14...150 W
LV halogen lamps	dimmable electronic transformer	14...200 VA
	dimmable ferromagnetic transformer	14...150 VA

Control options

- **Home control**: To control the micro module dimmer through the Wiser by SE app on your smart phone, you need to pair it to the Wiser Gateway.
- **Direct operation**: The micro module dimmer can always be controlled directly on-site. You can also connect up to 10 auxiliary push buttons.

Characteristics

- Nominal voltage: 220-240 V AC, 50/60 Hz
- 1 Dimming channel
- Neutral conductor not required

Functions and settings

- Automatic load detection
- Brightness memory function
- Soft start, soft stop
- Electronic overload protection, overheating protection, short-circuit protection
- Remote control by a max. of 10 single mechanical push buttons
- Neutral conductor not required
Via Wiser by SE app:
- Setting the switch-on brightness or memory function (default setting)
- Setting the dimming range: minimum and maximum brightness
- Setting the LED operating mode manually (RL LED mode)
- Setting a timer or a time schedule

Complementary

Dimension (H × W × D)	43 × 43 × 22 mm
Installation	Mounting in wall box with a minimum depth of 26 mm - If you place the Micro module behind a mechanical push button, use a deep installation box.

Certification

Zigbee 3.0

(1) RC = Resistive and Capacitive loads
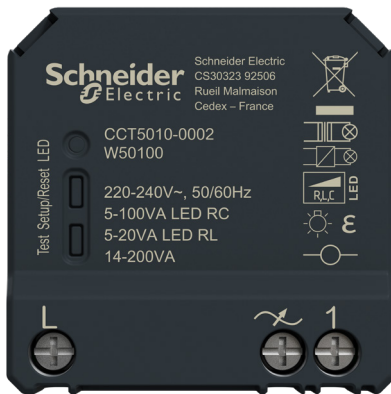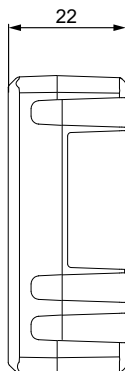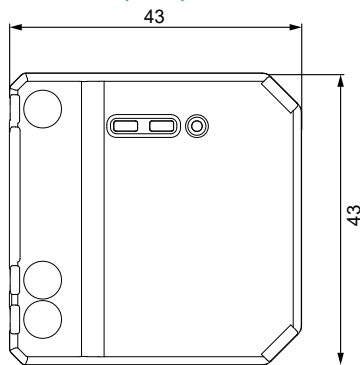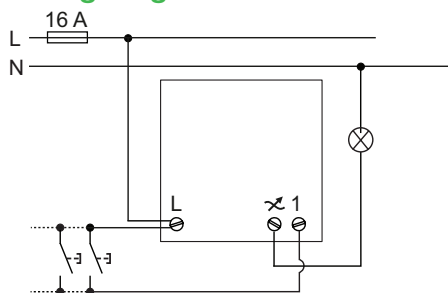(2) RL = Resistive and Inductive loads

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

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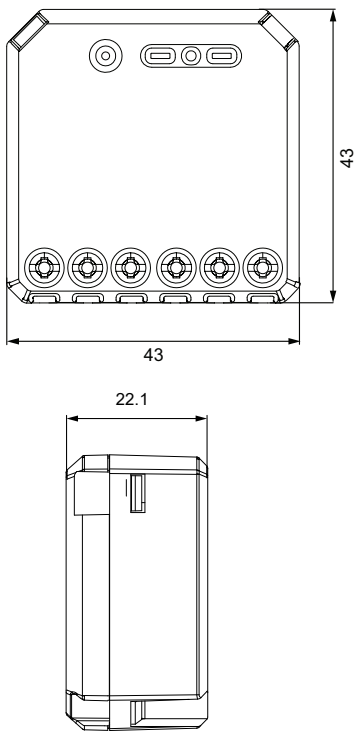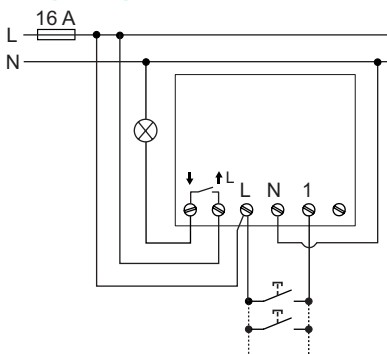https://www.productinfo.schneider-electric.com/wiser_eu/

Wiser™

Micro Modules
Wiser Micro Module Light Switch

Schneider Electric
CS30323 92506
Rueil Malmaison
Cedex – France

CCT5011-0002
W50110

220-240V~, 50/60Hz
10AX

↓⌐‾↑⌐L   L   N   1

Dimensions (mm)

43

43

22.1

Wiring diagram

16 A
L
N

↓ ↑L   L   N   1

Technical Characteristics

Overview

The Wiser Micro Module Light Switch combines the advantages of smart switch functionality with ordinary mechanical Push-button switches.
It transforms a conventional switch into a connected device you can control from the switch or through the Wiser by SE app. Up to 10 mechanical push-button switches can be connected to one micro module light switch to control a connected load. It can switch ohmic, inductive, or capacitive loads.

Main data

Commercial Reference	CCT5011-0002
Product color	■ Dark grey
Product or component type	Micro Module Switch

Loads

LED lamp 230 V	LED	200 W
Incandescent lamp 230 V		2200 W
Halogen lamp 230 V		2000 W
LV halogen lamps	electronic transformer	1050 VA
	ferromagnetic transformer	500 VA
Capacitive load		10 A, 140 µF
Energy-saving lamps		100 W
Motor		1000 VA
Room heater		1500 W
Electric boiler		2000 W

Control options

● **Home control**: To control the micro module light switch through the Wiser by SE app on your smart phone, you need to pair it to the Wiser Gateway.
● **Direct operation**: The micro module switch can always be controlled directly on-site. You can also connect up to 10 auxiliary push buttons.

Characteristics

● Nominal voltage: 220-240 V AC, 50/60 Hz
● Nominal current: 10 AX
● 1 Switching channel with dry contact
● Neutral conductor required

Functions and settings

● Remote control by a max. of 10 single mechanical push buttons
● Integrated push button for the functional test
Via Wiser by SE app:
● Setting a timer or a time schedule

Complementary

Dimension (H × W × D)	43 × 43 × 22 mm
Installation	Mounting in wall box with a minimum depth of 26 mm - If you place the micro module behind a mechanical push button, use a deep installation box.

Certification

Zigbee 3.0

Note:
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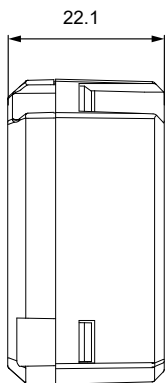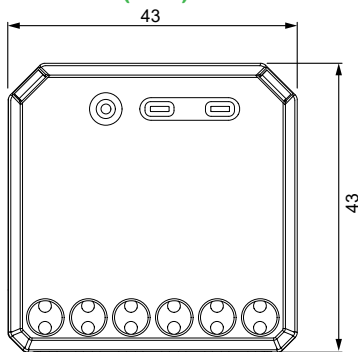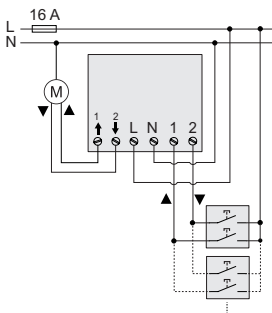https://www.productinfo.schneider-electric.com/wiser_eu/

Wiser™

Micro Modules
Wiser Micro Module Shades Control

Technical Characteristics

Overview

The Wiser Micro Module Shades Control combines smart shutter functionality with conventional mechanical push-button switches. It transforms a conventional switch into a connected device that you can control from the switch or through the Wiser by SE app. Up to 10 mechanical push-button switches can be connected to one micro module shades control to control a connected blind or roller shutter. The blind and roller shutter motor must be equipped with an end position switch. Relay contacts are mechanically locked against each other to prevent simultaneous triggering of the two relay outputs.

Main data

Commercial Reference	**CCT5015-0002**
Product color	■ Dark grey
Product or component type	Micro Module Blinds and Shutters

Loads

Motor		500 VA

Control options

- **Home control**: To control the micro module shades control through the Wiser by SE app on your smart phone, you need to pair it to the Wiser Gateway.
- **Direct operation**: The micro module blinds and shutters can always be controlled directly on-site. You can also connect up to 10 auxiliary push buttons.

Characteristics

- Nominal voltage: 220-240 V AC, 50/60 Hz
- Nominal current: 4 A, $\cos\varphi = 0.6 – 1.0$
- 1 blind channel, mechanically and electronically locked against each other
- Neutral conductor required

Functions and settings

- Protection of the motor against damage with two mutually mechanically and electronically locked relay contacts
- Remote control by a max. of 10 double mechanical push buttons
Via Wiser by SE app:
- Setting the running time
- Setting a timer or a time schedule

Complementary

Dimension (H × W × D)	43 × 43 × 22 mm
Installation	Mounting in wall box with a minimum depth of 26 mm - If you place the micro module behind a mechanical push button, use a deep installation box.

Certification

Zigbee 3.0

Dimensions (mm)

Wiring diagram

Note:
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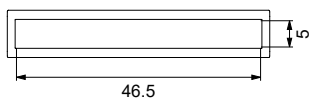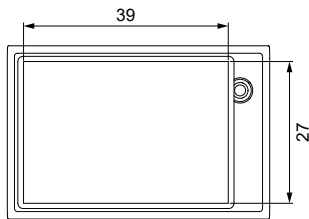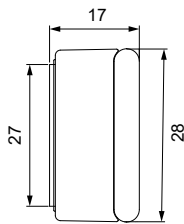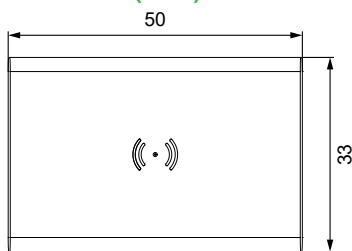https://www.productinfo.schneider-electric.com/wiser_eu/

Wiser™

Sensors
Wiser Window/Door Sensor

Dimensions (mm)

Technical Characteristics

Overview

The Wiser Window/Door Sensor detects open and closed windows and doors, and reports the status to the Wiser Gateway. It consists of two separate parts: the primary part (sensing circuit) and the secondary part (magnet). The primary part includes a sensing circuit that detects the secondary part. When the sensor is connected to the Wiser Gateway and the window/door is opened or closed, the primary part (sensor) directly reports the change to the Wiser Gateway.

Main data

Commercial Reference	**CCT591011**
Product colour	□ White
Product or component type	Sensors

Features

Operating voltage	3 V DC (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)

Environment

IP degree	IP20
Operating temperature	-10 °C to 50 °C
Relative humidity	10 % to 95 %

Complementary

Dimension (H × W × D)	Sensor: 50.3 × 33 × 17.1 mm Magnet: 50 × 9 × 9 mm
Installation	On window and door frames, with screws or adhesive pads
Content	Battery (pre-inserted), primary part (sensor), secondary part (magnet), mounting base plate, double-sided adhesive pads, 2 screws, and 2 wall plugs

Certification

	Zigbee 3.0

Note:
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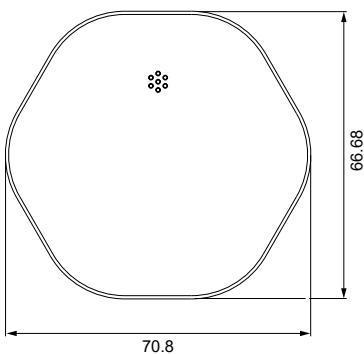https://www.productinfo.schneider-electric.com/wiser_eu/

Wiser™

Sensors
Wiser Water Leakage Sensor
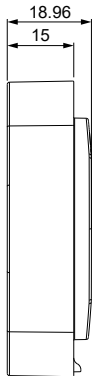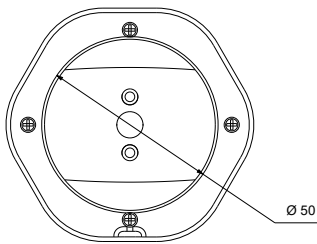
Technical Characteristics

Overview

The Wiser Water Leakage Sensor detects the presence of water and alerts the user through an alarm and/or notification. When the sensor is connected to the Wiser Gateway and detects water on the floor, it sends an alarm sound and reports the event to the Wiser Gateway. The house owner can receive a notification pushed to the smartphone.

Main data

Commercial Reference	**CCT592011**
Product colour	□ White
Product or component type	Sensors
Features	
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)
Sound level	≥70 dB at 3 m distance
Environment	
IP degree	IP44
Operating temperature	-10 °C to 50 °C
Relative humidity	10 % to 95 %
Complementary	
Dimension (H × W × D)	70.8 × 68.7 × 19 mm
Installation	In the area of detection with the water sensor facing downwards
Content	2 batteries (pre-inserted)
Certification	
	Zigbee 3.0

Dimensions (mm)

Ø 50

18.96
15

66.68

70.8

Note:

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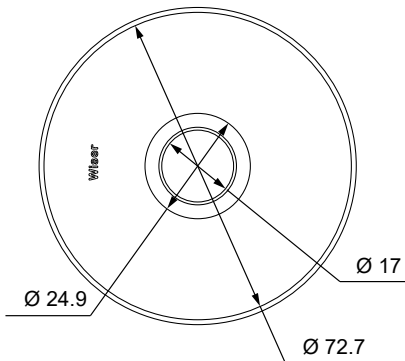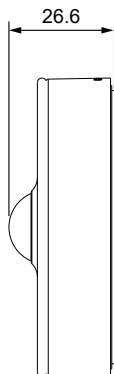https://www.productinfo.schneider-electric.com/wiser_eu/

Wiser™

Sensors
Wiser Motion Sensor
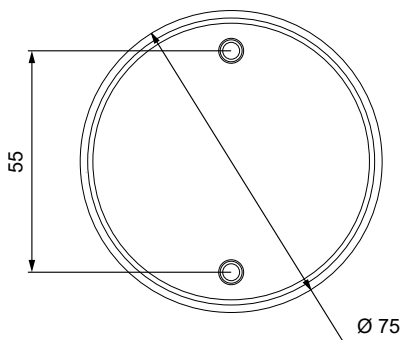
Technical Characteristics

Overview

The Wiser Motion Sensor detects movement and measures luminance in a room, and reports the status to the Wiser Gateway. 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.

Main data

Commercial Reference	CCT595011
Product colour	□ White
Product or component type	Sensors

Features

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)
Lux measurement range	0 lx to 2000 lx
Lux resolution	1 lx

Environment

IP degree	IP20
Operating temperature	-10 °C to 50 °C
Relative humidity	10 % to 95 %

Complementary

Dimension (H × W × D)	Ø 75.0 × 26.6 mm
Installation	Surface-mounting, with screws or adhesive pads, on a ceiling or a wall
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.
Content	2 batteries (pre-inserted), mounting base plate, double-sided adhesive pads, 2 screws, 2 wall plugs, instruction sheet

Certification

	Zigbee 3.0

Dimensions (mm)

55
Ø 75

26.6

Wiser
Ø 24.9
Ø 17
Ø 72.7

Note:
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Wiser™

Sensors
Wiser Temperature/Humidity Sensor

Dimensions (mm)
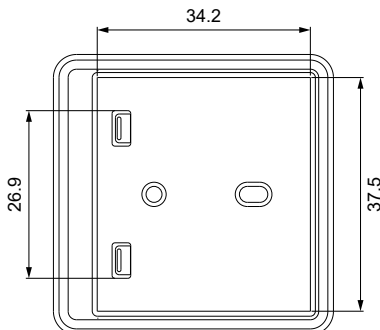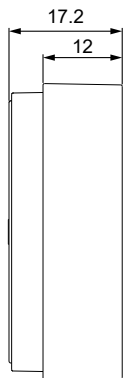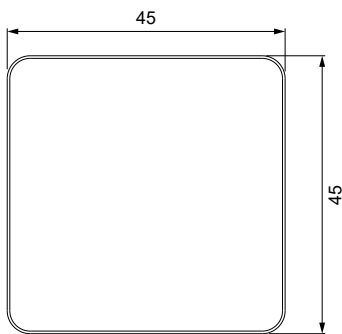
Technical Characteristics

Overview

The Wiser Temperature/Humidity Sensor helps to maintain a comfortable environment in the home by detecting changes in temperature and humidity and reporting climate data to the Wiser Gateway. The sensor combines two sensors in one unit, measuring temperature and humidity in the environment where it is installed.

Main data

Commercial Reference	**CCT593011**
Product colour	▢ White
Product or component type	Sensors
Features	
Operating voltage	3 V DC (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)
Temperature accuracy	±1.5 °C
Temperature resolution	0.1 °C
Humidity accuracy	±5 %
Environment	
IP degree	IP20
Operating temperature	-10 °C to 50 °C
Relative humidity	10 % to 95 %
Complementary	
Dimension (H × W × D)	45 × 45 × 17.2 mm
Installation	Surface-mounting, with screws or adhesive pads
Content	Battery (pre-inserted), mounting base plate, double-sided adhesive pads, 2 screws, 2 wall plugs, instruction sheet
Certification	
	Zigbee 3.0

Note:

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Wiser™

Smart Plug
Wiser Smart Plug 16 A
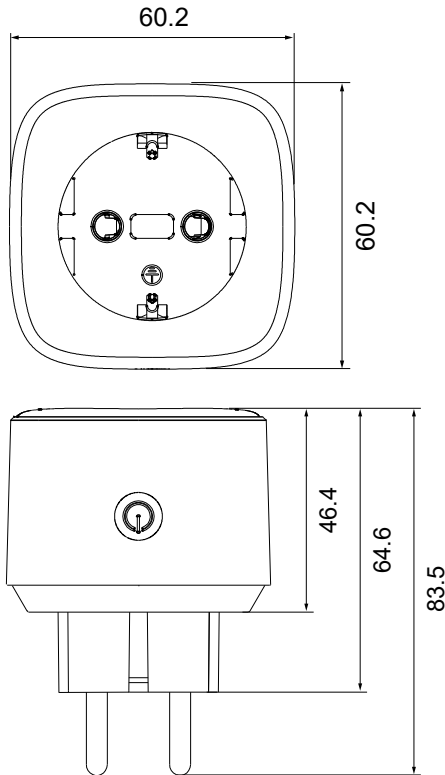
Technical Characteristics

Overview

The Wiser Smart Plug adaptor is used to control various electrical devices, for example floor lamps, radios, ventilators or coffee machines. The smart plug can also monitor the power consumption of the connected equipment. It can remotely switch outlet power ON/OFF through the Wiser by SE app.

Main data

Commercial Reference	CCT711119
Product color	□ White
Product or component type	Plug

Loads

LED lamp 230 V		LED	100 W
Incandescent lamp 230 V			3680 W
Halogen lamp 230 V			3680 W
LV halogen lamps	electronic transformer		500 W
	ferromagnetic transformer		500 W
Motor			300 W

Characteristics

- Nominal voltage: 220-240 V AC, 50 Hz
- Nominal current: 16 A max.
- Standby: Max. 0.5 W
- Fuse protection: 16 A circuit breaker
- Frequency band: 2.4 GHz
- Transmission capacity: Max. 2.5 mW

Environment

IP degree	IP20
Operating temperature	0 °C to 35 °C

Complementary

Dimension (H × W × D)	60 × 60 × 65 mm
Installation	Place the plug in socket outlets that are not hidden behind large objects or furniture that reduce the radio reception, like refrigerators or cabinets.

Certification

Zigbee 3.0

Dimensions (mm)

60.2

60.2

46.4

64.6

83.5

Note:
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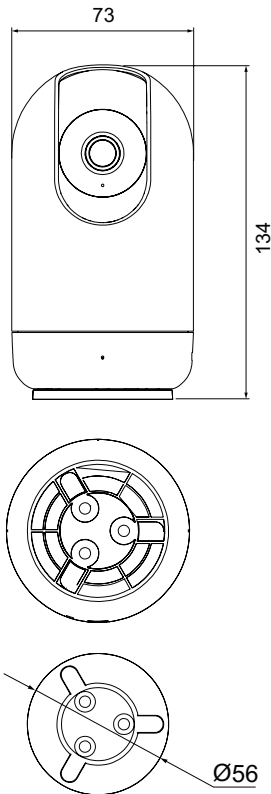https://www.productinfo.schneider-electric.com/wiser_eu/

Wiser™

IP Camera
Wiser IP Camera Indoor

Technical Characteristics

Overview

With the Wiser IP Camera Indoor, you can monitor sensitive areas of your home. The camera can be controlled by the Wiser devices with the help of the Wiser Gateway. It can be installed on the wall, ceiling, or on a table. The camera is connected and managed via the Wiser by SE app. The Wiser by SE app receives notifications on the smartphone when something is detected and thus gives full control of what is happening without having to look in the Wiser by SE app all the time. The camera has night vision, which makes it possible to see up to 7 m in total darkness with its infrared diodes.

Main data

Commercial Reference	CCT723319
Product colour	◻ White
Product or component type	Camera

Features

Power supply	5 VDC, 2 A
Connector type	Micro USB port for the AC adaptor
Nominal power for AC adaptor	100-240 VAC, 50/60 Hz
Communication interface	Wi-Fi®- 2.4 GHz, IEEE802.11 b/g/n compliant
Security	Wi-Fi®- WPA-PSK /WPA2-PSK Data - AES128
Operating frequency	2405 - 2480 MHz
Transmission capacity	Max. 100 mW
Camera	1/2.9'' CMOS sensor 80° horizontal and 40° vertical wide-angle lens 0° - 340° pan angle -75° to +75° tilt angle F2.1 focal length 7 m IR range Full HD camera with night vision Motion detection and motion tracking Integrated patrol function with 340 degree recording option 2-way audio communication Screen flip function available, specially useful when installed on ceilings Supports time watermark, to record videos with date and time stamp
Image/Video	1080 P resolution Supports image snapshot, event recording and continuous recording.
Local storage support	Micro SD card, max. 128 GB

Functions and settings

- Supports snapshot and video recording on micro SD card
- Option to choose between 1-way and 2-way communication
- Option to activate motion tracking
- Can control the pan and tilt angles of the camera (Via Wiser by SE app)
- On detecting motion, sends notifications and snapshots
- Can be integrated into automations created via Wiser by SE app

Environment

Operating temperature	-10 °C to 45 °C
Storage temperature	-20 °C to 60 °C
Operating humidity	≤ 95 % DH

Complementary

Dimension	Ø 56 × 73 × 134 mm
Weight	298 g
Material	Plastic

Certification

CE, RoHS

Dimensions (mm)

73

134

Ø56

Note:

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The Wiser by SE app is available in the App stores for smartphones supporting operating systems Android™ OS (version 7 and above) or Apple® iOS (version 11 and above).

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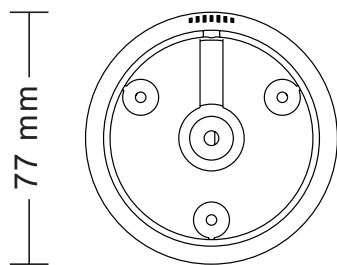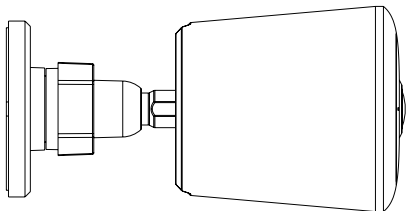https://www.productinfo.schneider-electric.com/wiser_eu/

Wiser™

IP Camera
Wiser IP Camera Outdoor

Dimensions (mm)

149.7 mm

77 mm

Technical Characteristics

Overview

With the Wiser IP Camera Outdoor, you can monitor areas outside your home. The camera can be controlled by the Wiser devices with the help of the Wiser Gateway. It can be installed on the wall or ceiling. The camera is connected and managed through the Wiser by SE app. The Wiser by SE app receives notifications on the smartphone when something is detected, thus giving full control of what is happening without having to look in the Wiser by SE app all the time. The camera has night vision, which makes it possible to see up to 10 m in total darkness with its infrared diodes.

Main data

Commercial Reference	CCT724319
Product colour	□ White
Product or component type	Camera

Features

Power supply	12 V DC, 1 A DC power adaptor
Nominal power for AC adaptor	100-240 VAC, 50/60 Hz
Communication interface	Wi-Fi® - 802.11b/g/n, 2.4GHz
Security	Wi-Fi® - WPA/WPA2, WPA-PSK/WPA2-PSK Data - AES128
Operating frequency	2405 - 2480 MHz
Transmission capacity	Max. 100 mW
Camera	1/2.7'' color CMOS sensor, 2 megapixels (MP) 128° diagonal, 103° horizontal, and 54° vertical Wide-angle lens Up to 10 m IR range Digital zoom function Full HD camera with night vision Motion detection, push notifications and recording Motion detection with area configuration Can be installed on wall or ceiling Supports time watermark, to record videos with date and time stamp
Audio communication	Semi duplex
Image/Video	H.264 video compression 1080 P resolution Image snapshot, event recording and full-time recording
Local storage support	Micro SD card, max. 128 GB

Functions and settings

- Supports snapshot and video recording on micro SD card
- Support digital zoom, image snapshot, motion detection recording and full-time recording
- On detecting motion, sends notifications and snapshots
- Can be integrated into automations created via Wiser by SE app

Environment

Operating temperature	-20 °C to 60 °C
Storage temperature	-30 °C to 85 °C
Operating humidity	20 % ~ 95 % non-condensing

Complementary

Dimension	149.7 × 77 mm
Weight	220 g
Material	Plastic
Protection class	IP56

Certification

CE, RoHS

Note:
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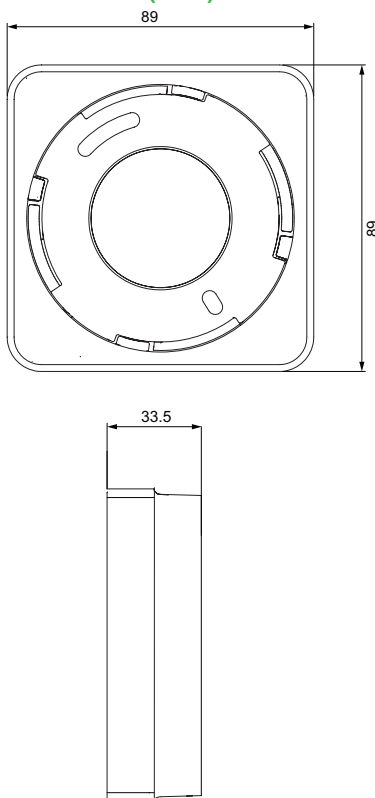https://www.productinfo.schneider-electric.com/wiser_eu/

Wiser™

Smoke Alarm
Wiser Smoke Alarm - Battery

Dimensions (mm)

Technical Characteristics

Overview

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 via the Wiser by SE app. It can also trigger signals through other products (for example, flashlights) connected to the Wiser system. The smoke alarm can be temporarily deactivated to avoid false alarms when cooking etc. An additional temperature sensor still provides basic protection.

Main data

Commercial Reference	**CCT599001**
Product colour	□ White
Product or component type	Smoke Alarm

Features

Operating current	≤70 mA
Battery life	10 years (not replaceable)
Sensing type	Photoelectric. This alarm contains NO radioactive material.
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

Environment

IP degree	IP20
Operating temperature	0 °C to 45 °C
Ambient humidity	5 % to 95 %

Complementary

Dimension (H × W × D)	89 × 89 × 33.5 mm
Installation	Mount on ceiling and wall only

Certification

	Zigbee 3.0, EN 14604: 2005 + AC 2008, Q-Label

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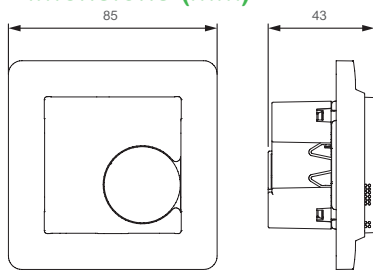https://www.productinfo.schneider-electric.com/wiser_eu/

Wiser™

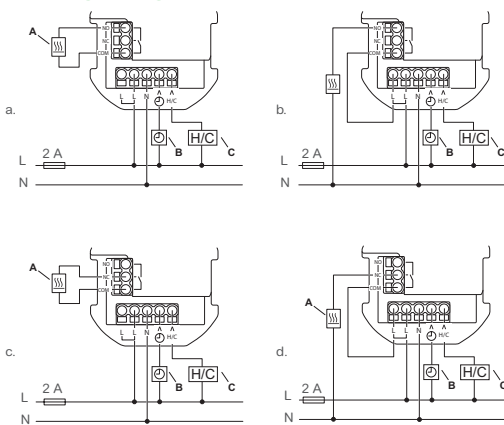## Thermostat
Wiser Flush-mounted Thermostat 2 A

Dimensions (mm)

Wiring diagram

Wiring options:

a. Volt-free wiring. Normally open
b. Switch live wiring with L-COM jumper wire.
   Normally open
c. Volt-free wiring. Normally closed
d. Switch live wiring with L-COM jumper wire.
   Normally closed

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

Technical Characteristics

Overview

The Wiser Flush-mounted Thermostat 2 A is used to control water-based heating and cooling applications, such as water-based underfloor heating and radiator heating. The thermostat can control boilers, heat pumps, motorized valves, and circulating pumps.

Main data

Commercial Reference	**CFMT02ZB**
Product color	☐ White

Features

Nominal voltage	AC 230 V ~, 50 Hz
Max. current rating	2 A
Standby	max. 0.4 W
Connecting terminals	Terminals for max. 2.5 mm², 0.5 Nm
Neutral conductor	Required
Temperature accuracy	max. ±0.5 °C (accross the range of 4 to 30 °C)
Temperature measurement resolution	max. 0.1 °C
Display	7 × 5 dot matrix, 3 additional LEDs
Operating frequency	2.405 GHz to 2.48 GHz
Max. radio-frequency power transmitted	< 10 mW
Protection Class	II
Working voltage	230 V
Over-voltage category	III
Rated impulse voltage	4 kV
Pollution degree	2
CTI rating of insulation components	min. 175 V
Material group	IIIa (based on CTI value)
Disconnection type	1.B

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

Environment

Operating temperature	0 to 45 °C
Relative humidity	max. 90 % non-condensing

Complementary

Content	Thermostat Insert, Design Frame, Control module, Installation instructions

Certification

Communication protocol	Zigbee 3.0 certified

Note: The insert is not suitable for directly connecting electrical heating.

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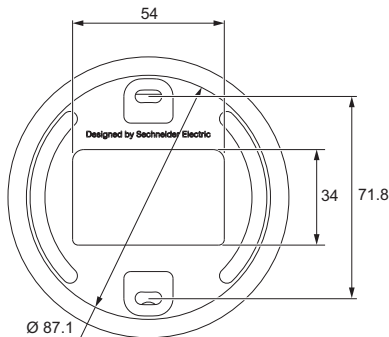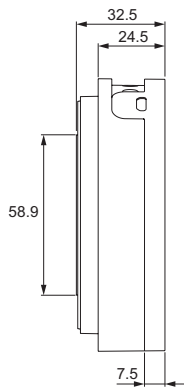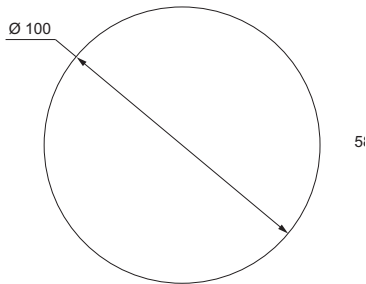schneider-electric.com/
wiser_eu/

Wiser™

IR Converters
Wiser IR Converter

Dimensions (mm)

Ø 100

5i

32.5
24.5
58.9
7.5

54
34   71.8
Designed by Schneider Electric
Ø 87.1

Technical Characteristics

Overview

The Wiser IR Converter controls TVs, air conditioners and HiFi systems via the Wiser app using infrared (IR) technology. It can be mounted on the ceiling or placed on a tabletop. The device can be powered via either the Micro USB port (5 V DC, up to 1 A), or 4 × AA Alkaline batteries. The Wiser IR converter includes 3 IR ports to connect extendable IR emitter cables. The device also has an upgradeable IR database.

Main data

Commercial Reference	CCT501411
Product color	White and black
Product or component type	ZB/IR Converter

Features

Power supply	5 VDC through Micro USB port (up to 1 A) or 4 × AA Alkaline batteries
Connector type	Micro USB port for the AC adaptor, applicable for 3 × 3.5 mm mono mini plug
Operating voltage for AC adaptor	100 VAC to 240 VAC, 50/60 Hz
Battery type	4 × AA Alkaline batteries
Battery life time	Approximately 1 year (may vary based on the usage, frequency of firmware update and environment)
IR emitter energy	IEC825
Zigbee®	2.4 GHz, IEEE802.15.4
Operating frequency	2405-2480 MHz (Zigbee)
Max. radio frequency power transmitted	<10 mW (Zigbee)

Environment

IP degree	IP20
Operating temperature	10 °C to 45 °C
Relative humidity	10 % to 90 %, non-condensing

Complementary

|	
Dimensions	Ø 100 × 32.5 mm
IR extension connector type	3.5 mm mono mini plug ×3
IR extension cable length	<5 m Note: Applies to the recommended IR extension cable
IR control range (with extension cable)	1 m (from emitter to the IR controlled device) Note: Applies to the recommended IR extension cable
IR control range (without extension cable)	≤ 8 m (from Wiser IR Converter to IR controlled device)
Content	Screws and wall plug, AC adaptor, AC adaptor USB cable , Reset pin, and Installation instructions.

Certification

CE

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Wiser™

PowerTag
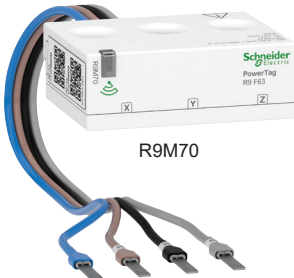## PowerTag Energy

PowerTag Energy Monoconnect 63 A Resi9
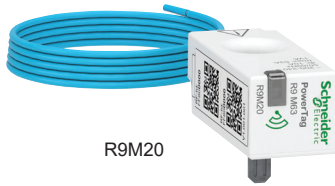
R9M20

R9M21

R9M22

R9M41

PowerTag Energy Flex 63 A Resi9

R9M60

R9M70

Technical Characteristics

Overview

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 Monoconnect 63 A Resi9

PowerTag Energy for Resi9 Monoconnect offers: single-terminal circuit breakers, RCDs, and switches with an 18 mm pitch between phase and neutral, rated at less than or equal to 63 A. PowerTag Energy Monoconnect is mounted directly on the protective device with no additional wiring required.

PowerTag Energy Flex 63 A Resi9

PowerTag Energy Flex can be mounted on a wide range of protective devices that have a rating of less than or equal to 63 A. To allow PowerTag Energy Resi9 F63 to adapt to different types of terminals, the voltage tap lugs can be replaced with other end-pieces or lugs for AWG22/0.33 mm² wires.

Main data

Commercial Reference			R9M20	R9M21	R9M22	R9M41	R9M60	R9M70
Product color			☐ White					
Product or component type			Energy Sensors					

Features

Rated voltage	Un	1P+N/1P+W	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	
Max. current	Imax		63 A	
Base current	Ib		10 A	
Saturation current			130 A	
Starting current	Ist		40 mA	

Environment

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

Radio-frequency communication

ISM band 2.4 GHz		2.4 GHz to 2.4835 GHz
Channels	As per IEEE 802.15.4	11 to 26
Isotropic Radiated Power	Equivalent (EIRP)	0 dBm
Max. 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	Ea	Class 1	Total and partial 0 to 99999999.9 kWh
Current	I	Class 1	40 mA to 63 A
Voltage	U	Class 0.5	Un ± 20 %

Weight

	PowerTag	Type	Weight (g)
R9 M63	R9M20	1P + Wire	16.4
	R9M21, R9M22	1P + N	17.5
	R9M41	3P + N	35
R9 F63	R9M60	1P + N	16
	R9M70	3P + N	40

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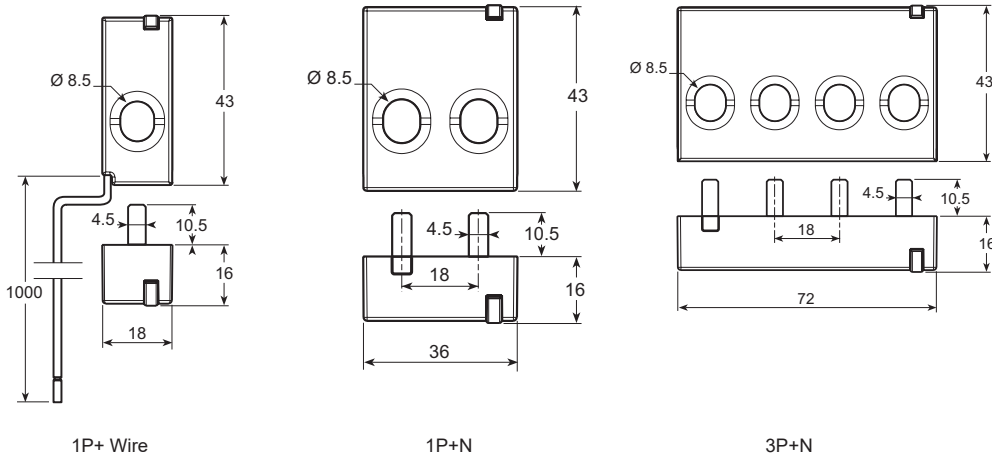
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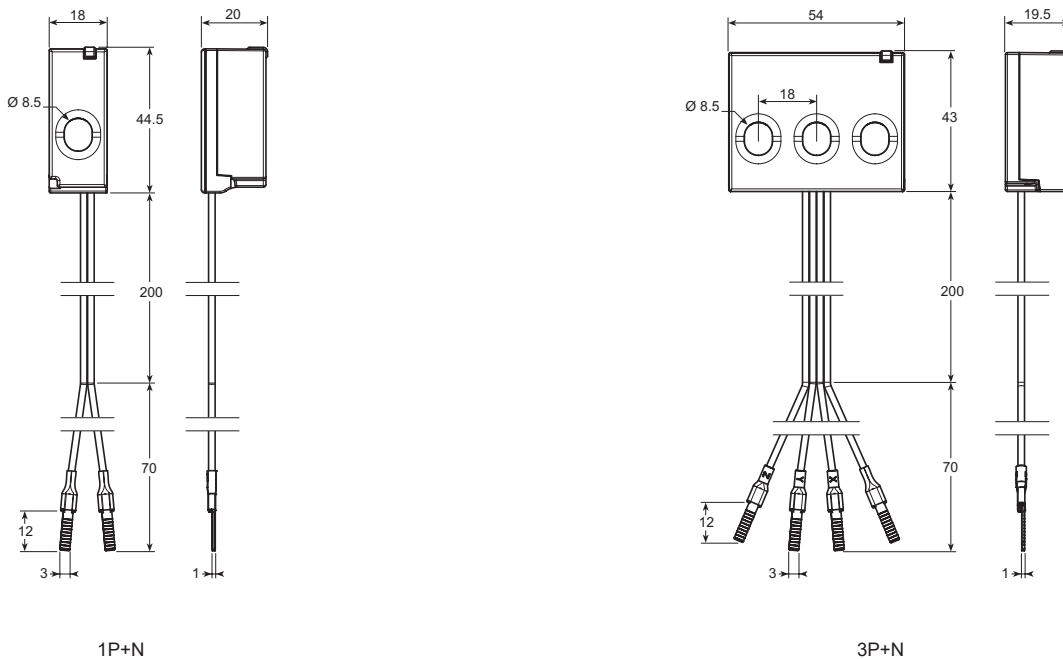https://www.productinfo.schneider-electric.com/wiser_eu/

Wiser™

PowerTag
PowerTag Energy

Dimensions (mm)

PowerTag Energy R9 M63

| 1P+ Wire | 1P+N | 3P+N |

PowerTag Energy R9 F63

| 1P+N | 3P+N |

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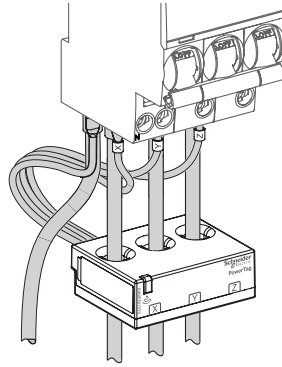
Wiser™

PowerTag
PowerTag Energy

Connections

PowerTag Energy R9 M63
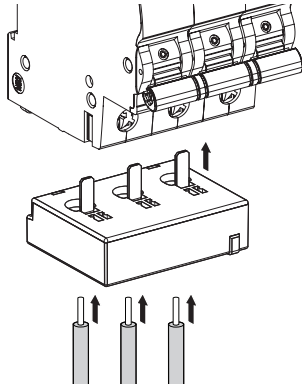
Stripping length : 18 mm

PowerTag Energy R9 F63

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

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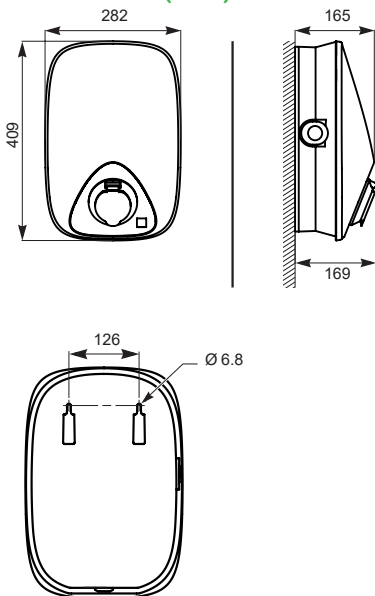https://www.productinfo.
schneider-electric.com/
wiser_eu/

Wiser™

EVlink
EVlink Home Smart

Dimensions (mm)

282 | 165

409

169

126 | Ø 6.8

Technical Characteristics

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

Main data		
Commercial Reference	**EVH4A03N2**	**EVlink Home Smart T2S 1P+N 3.7 kW 16 A RDC-DD**
	EVH4A07N2	**EVlink Home Smart T2S 1P+N 7.4 kW 32 A RDC-DD**
	EVH4A11N2	**EVlink Home Smart T2S 3P+N 11 kW 16 A RDC-DD**
	EVH4A03NC	**EVlink Home Smart cable 5 m T2 1P+N 3.7 kW 16 A RDC-DD**
	EVH4A07NC	**EVlink Home Smart cable 5 m T2 1P+N 7.4 kW 32 A RDC-DD**
	EVH4A11NC	**EVlink Home Smart cable 5 m T2 3P+N 11 kW 16 A RDC-DD**
Product color	□ White	
Product or component type	AC charging station	

Features		
Rated voltage	1P + N	230 V AC 50 Hz ±10 %
	3P + N	400 V AC 50 Hz ±10 %
Max. power	1P + N	3.7 kW 16 A
		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
Warranty	24 months for the entire EVlink range 1 or 3 years Warranty Extension	

Environment	
IP degree of protection	IP54 attached cable version, IP55 socket version
IK degree of protection	IK10
Operating temperature	-30 °C to +50 °C
Relative humidity	5 % to 95 %
Storage temperature	-40 °C to +85 °C
Earthing system	TT, TN-S, TN-C-S

Complementary	
Dimension (H × W × D)	409 × 282 × 148 mm (without cable)
Installation	Wall mounting eSetup Smart phone commissioning application (to pair with home network)

Characteristics	

- T2 socket outlet with shutter
- Exclusive options for energy management: real-time max. 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 via Remote
  – Monitoring and history
  – Charge modes

Weight	
Type	Weight
1P + N	4.5 kg
3P + N	5.6 kg

Certification	
	CE (EN61851-1), UKCA

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Wiser™

EVlink
EVlink Home Anti-tripping System

Technical Characteristics

Overview

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 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.

Main data

Commercial Reference	EVA1HPC1	EVlink Home anti-tripping system 1P+N
	EVA1HPC3	EVlink Home anti-tripping system 3P+N

Features

Power supply	220/230 V (±10 %)
Frequency	50/60 Hz
Rated power	4 W
Overvoltage category	III
Pollution degree	2
Insulation degree	reinforced insulation
Sampling current range	AC 1 to 100 A/period is 1 second
Possible max. current value settings	16 A, 20 A, 25 A, 32 A, 40 A, 50 A
Communication	Power Line Carrier with EVlink Home charger
Warranty	24 months for the entire EVlink Home range

Environment

Nominal temperature	-30 °C to +50 °C

Complementary

Dimension (L × W × H)	70.4 × 93.2 × 68.8 mm
Mounting type	Top-hat rail mounting

Weight

Type	196 g

Certification

	EN 61010-1-2010, EN 61326-1-2013

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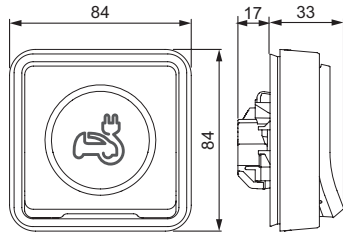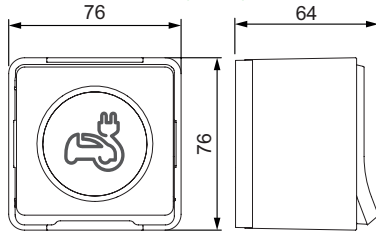https://www.productinfo.schneider-electric.com/wiser_eu/
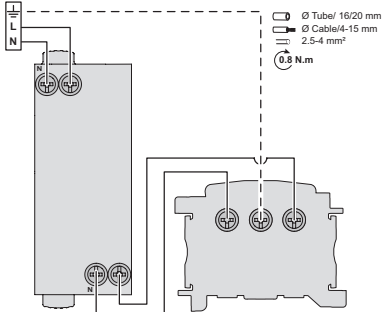
Mureva Styl

Mureva Styl

Reinforced Socket IP55

Dimensions (mm)

Connections

Technical Characteristics

Overview

Electrical vehicle (EV) Socket Outlet can be used to charge plug-in hybrid cars and electric vehicles, bicycles and scooters.
The socket is reinforced to withstand max. current delivery over hours when the installation allows it. It also support frequent cable plugging and unplugging.
This socket is not directly connected but it can be integrated in a connected solution by adding the necessary connected devices (controller, meter).

Main data

Commercial Reference	MUR39012	MUR36012
	MUR39013	MUR36013
Product colour	□ White	■ Grey
Product or component type	Socket outlet	

Features

Nominal current	16 A
Nominal voltage	250 V AC

Characteristics

● Usage: Indoor/outdoor

Environment

IP degree of protection	IP55
IK degree of protection	IK08
Flame retardance	Self-extinguishing 650 °C conforming to IEC 60695-2-1
Operating temperature	-5 °C to + 40 °C
Storage temperature	-25 °C to + 55 °C

Complementary

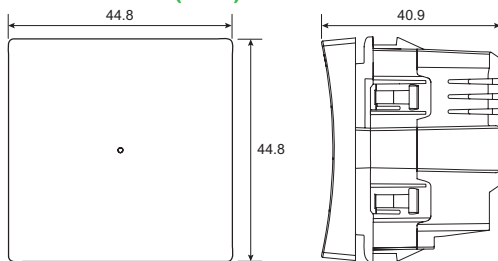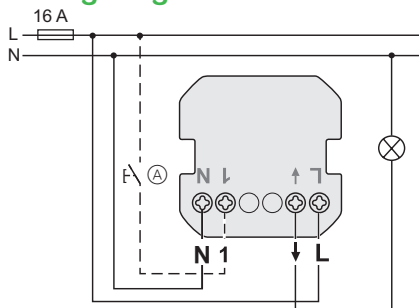|	
Installation	Surface mounting, Flush mounting with screws MUR3XXX12: Surface Mounted MUR3XXX13: Flush Mounted
Dimensions (H × W × D)	76 × 76 × 64 mm (for surface mounted)
	84 × 84 × 50 mm (for flush mounted)

Certification

AENOR, CE, RoHS

New Unica

Wiser™

New Unica
Switches
Connected Relay Switch 10 A

Technical characteristics

Overview

The Connected Relay Switch 10 A controls lights in a room, or automatically switch lights ON or OFF in response to a specified condition or event. It can switch on ohmic, inductive, or capacitive loads. It can be controlled remotely from the Wiser by SE app or manually like a standard push button switch. It has an LED indicator showing the status of the switch. It can be used as a count-down timer, or time switch with scheduling via the Wiser by SE app. In addition to this, it includes the Astro time switch function.

Main data

Commercial Reference	NU353818	NU353854	NU353830
Product color	□ White	■ Anthracite	■ Aluminium
Product or component type	Electronic Switch		

Loads

LED lamp 230 V	LED	200 W
Incandescent lamp 230 V		2200 W
Halogen lamp 230 V		2000 W
LV halogen lamp 12 V	electronic transformer	1050 VA
	ferromagnetic transformer	500 VA
Capacitive load		10 A, 140 µF
Compact fluorescent lamp or ferromagnetic ballast		200 W
Motor (single-phase) 230 V		1000 VA

Control options

- **Home control:** To control the switch through the Wiser by SE app on your smart phone, you need to pair it to the Wiser Gateway.
- **Direct operation:** The switch can always be controlled directly on-site. You can also connect any number of auxiliary push buttons.

Characteristics

- Nominal voltage: 230 V AC, 50 Hz
- Nominal current: 10 A 140 µF, 10 A cosϕ = 0.6
- Standby consumption: Max. 0.4 W
- Fuse rating: 16 A
- Neutral conductor required

Functions and settings

- Remote control by unlimited number of single mechanical push buttons
Via Wiser by SE app:
- Setting a timer: delay time (1 second - 24 hours), prewarning (with or without), manual switching (OFF or retrigger)
- Setting a time schedule (weekday switching, astro function, count-down timer, presence simulation)

Environment

IP rating	IP20
Operating temperature	5 °C to 40 °C

Certification

Zigbee 3.0

Dimensions (mm)

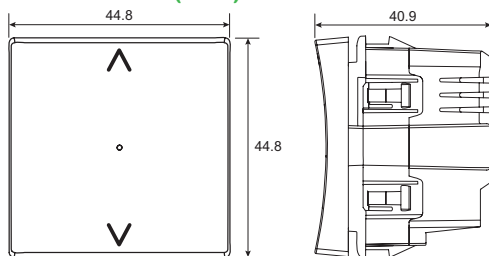

44.8
44.8
40.9

Wiring diagram

16 A
L
N

N 1   L

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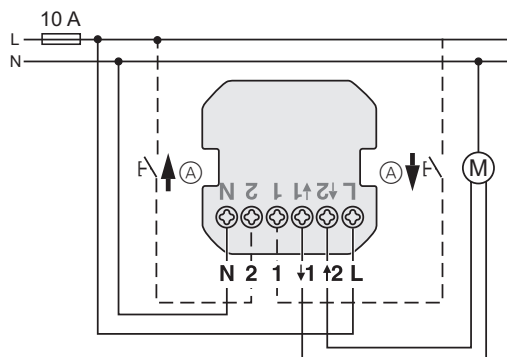https://www.productinfo.schneider-electric.com/wiser_eu/

Wiser™

New Unica
Switches
Connected Blind Control Switch

Technical characteristics

Overview

The Connected Blind Control Switch controls remotely via the Wiser by SE app, a blind or roller shutter, or automatically sets shutter position in response to a specified condition or event. The angle of the slats can be controlled. You can also control the blinds by manually pressing the push button. Several blind control switches can be paired together and then several blinds can be controlled from one switch or from the Wiser by SE app. Blind and roller shutter motors must be equipped with an end position switch.

Main data

Commercial Reference	NU350918	NU350954	NU350930
Product color	□ White	■ Anthracite	■ Aluminium
Product or component type	Switch		

Loads

Motor (single-phase) 230 V		500 VA

Control options

- **Home control**: To control the blind control switch through the Wiser by SE app on your smart phone, you need to pair it to the Wiser Gateway.
- **Direct operation**: The blind control switch can always be controlled directly on-site. You can also connect any number of auxiliary push buttons.

Characteristics

- Nominal voltage: 230 V AC, 50 Hz
- Nominal current: 4 A, $\cos\phi$ = 0.6
- Standby consumption: Max. 0.4 W
- Fuse rating: 10 A
- Neutral conductor required

Functions and settings

- Protection of the motor against damage with two mutually electrically locked relay contacts
- Remote control by unlimited number of double mechanical push buttons, distance: 50 m
- Central control of multiple blind groups push buttons

Via Wiser by SE app:
- Setting the blind movement time
- Varying blind and slat position
- Setting a timer or a time schedule
- Upgrade device firmware

Environment

IP degree	IP20
Operating temperature	5 °C to 40 °C

Certification

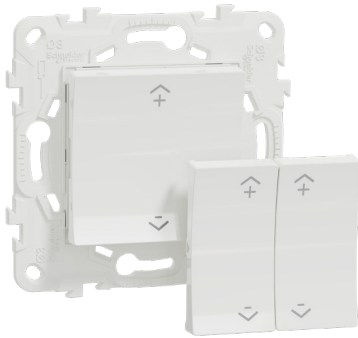Zigbee 3.0

Dimensions (mm)

Wiring diagram

Note:

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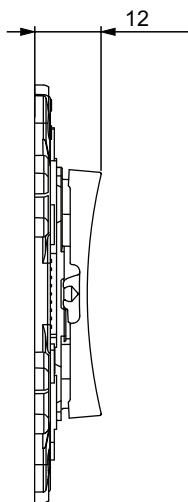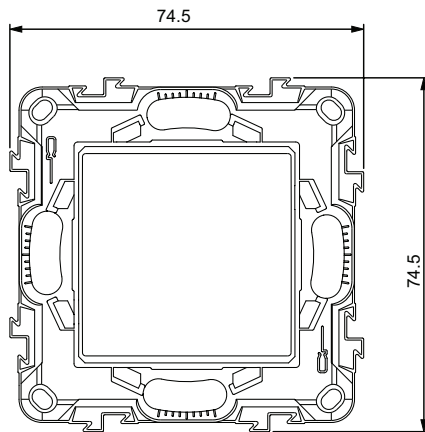
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Wiser™

New Unica
Switches
Connected Wireless Switch 1/2-gang

Dimensions (mm)

74.5

74.5

12

Technical Characteristics

Overview

The Connected Wireless Switch 1-gang/2-gang push button function can be placed anywhere (installed on the wall, mounted on wood, glass or plastic surface) and is used to control other Wiser devices within the same Zigbee network. It can be configured to function as 1-gang or 2-gang switch through Wiser app or can be paired with other Wiser devices.

Main data

Commercial Reference	NU557118	NU557154	NU557130
Product colour	□ White	■ Anthracite	■ Aluminium
Product or component type	Connected Wireless Switch		

Features

Operating voltage	3 V DC (1 lithium button cell battery CR2032)
Battery life	Up to 5 years (depending on the frequency of use and quality of battery)
Number of rockers	Two
Max. transmitted power	≤ 10 dBm
Frequency band	2.4 GHz
Frequency range	2400 MHz to 2480 MHz

Environment

IP degree	IP20
Operating temperature	-5 °C to 45 °C
Relative humidity	5 % to 95 %

Control options

- **Home control:** To control the wireless switch with 1-gang/2-gang push button function through the Wiser app on your smart phone, you need to pair it to the Wiser Gateway.
- **Direct operation:** The wireless switch can always be controlled directly on-site.

Characteristics

- Push button - 1 gang= 1 function or 2 moments/2 gang = 2 functions or 4 moments
- Content: 1 battery, double-sided adhesive pads, adhesive foil, screws and user manual

Complementary

Installation	For wall box, wood or wall surfaces, use mounting screws. For glass or plastic surfaces, use adhesive pads or adhesive foil. Do not install the device on a metal surface, as it affects the wireless communication and performance of the device.

Certification

Zigbee 3.0

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.

Wiser™

New Unica

Dimmers
Connected Universal Push-button Dimmer LED

Technical characteristics

Overview

The Connected Universal Push-button Dimmer LED controls the lighting level in a room, or sets lighting to a desired level in response to a specified condition or event. It can switch and dim ohmic, inductive, or capacitive loads RC/RL and loads of LED lamps. The dimmer can be controlled remotely, it can be scheduled for ON and OFF time via the Wiser by SE app. The dimmer can also be controlled manually as a traditional push-button dimmer.

Main data

Commercial Reference	NU351718	NU351754	NU351730
Product color	□ White	■ Anthracite	▩ Aluminium
Product or component type	Dimmer		

Loads

LED lamp 230 V	🔅 LED	RC [1]: 7...100 W RL [2]: 7...20 W
Incandescent lamp 230 V		14...200
Halogen lamp 230 V		14...150 W
LV halogen lamp 12 V (electronic transformer)		14...150 VA
LV halogen lamp 12 V (ferromagnetic transformer)		14...150 VA

Control options

- **Home control:** To control the dimmer through the Wiser by SE app on your smart phone and to use the full functionality of the dimmer, you need to pair it to the Wiser Gateway.
- **Direct operation:** The dimmer can always be controlled directly on-site. You can also connect any number of auxiliary push buttons.

Characteristics

- Nominal voltage: 230 V AC, 50 Hz
- Neutral conductor not required
- Standby consumption: Max. 0.4 W
- Fuse rating: 16 A

Functions and settings

- Automatic load detection
- Brightness memory function
- Electronic overload, overheating and short-circuit protection
- Remote control by unlimited number of single mechanical push buttons

Via Wiser by SE app:
- Setting the switch-on brightness or memory function (default setting)
- Setting the dimming range: minimum and maximum brightness
- Setting the LED operating mode manually (RL LED mode)
- Setting a timer or a time schedule

Environment

IP degree	IP20
Operating temperature	5 °C to 40 °C

Certification

Zigbee 3.0

(1) RC = Resistive and Capacitive loads
(2) RL = Resistive and Inductive loads

Dimensions (mm)

Wiring diagram

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

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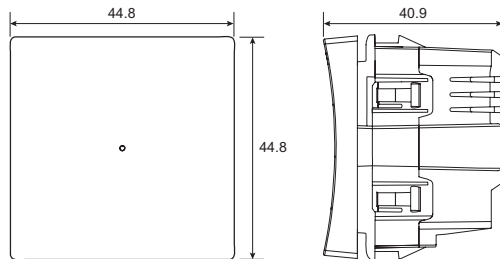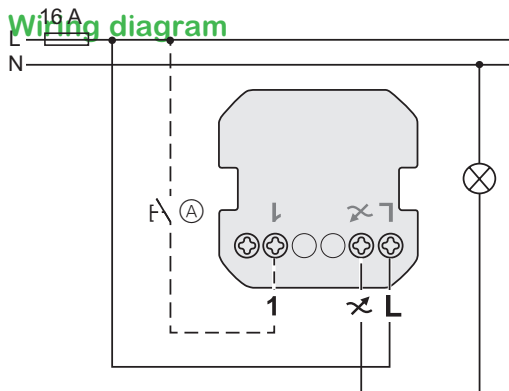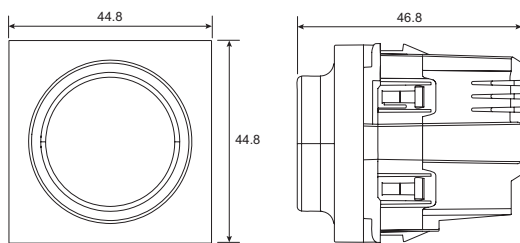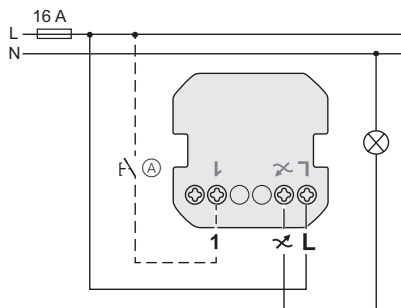https://www.productinfo.schneider-electric.com/wiser_eu/

Wiser™

New Unica
Dimmers
Connected Universal Rotary Dimmer LED

Technical characteristics

Overview

The Connected Universal Rotary Dimmer LED controls the lighting level in a room, or sets lighting to a desired level in response to a specified condition or event. It can switch and dim ohmic, inductive, or capacitive loads RC /RL and loads of LED lamps. The dimmer can be controlled remotely, it can be scheduled for ON and OFF time with the Wiser by SE app. The dimmer can also be controlled manually as a traditional rotary dimmer.

Main data

Commercial Reference	NU351818	NU351854	NU351830
Product color	☐ White	◼ Anthracite	◼ Aluminium
Product or component type	Dimmer		

Loads

LED lamp 230 V	🔆 LED	RC [1]: 7...100 W RL [2]: 7...20 W	
Incandescent lamp 230 V		14...200 W	
Halogen lamp 230 V		14...150 W	
LV halogen lamp 12 V	dimmable electronic transformer	14...150 VA	
	dimmable ferromagnetic transformer	14...150 VA	

Dimensions (mm)

44.8

44.8

46.8

Wiring diagram

16 A

L
N

A

1   ⤧ L

Control options

- **Home control:** To control the dimmer through the Wiser by SE app on your smart phone and to use the full functionality of the dimmer, you need to pair it to the Wiser Gateway.
- **Direct operation:** The dimmer can always be controlled directly on-site. You can also connect any number of auxiliary push buttons.

Characteristics

- Nominal voltage: 230 V AC, 50 Hz
- Neutral conductor not required
- Standby consumption: Max. 0.4 W
- Fuse rating: 16 A

Functions and settings

- Automatic load detection
- Brightness memory function
- Electronic overload, overheating and short-circuit protection
- Remote control by unlimited number of single mechanical push buttons

Via Wiser by SE app:
- Setting the switch-on brightness or memory function (default setting)
- Setting the dimming range: minimum and maximum brightness
- Setting the LED operating mode manually (RL LED mode)
- Setting a timer or a time schedule

Environment

IP degree	IP21
Operating temperature	5 °C to 40 °C

Certification

Zigbee 3.0

(1) RC = Resistive and Capacitive loads
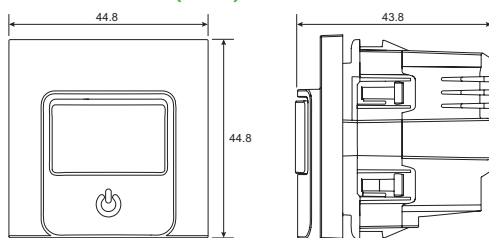(2) RL = Resistive and Inductive loads

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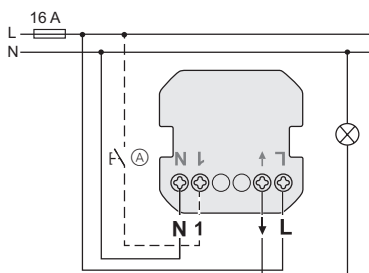https://www.productinfo.schneider-electric.com/wiser_eu/

Wiser™

New Unica
Motion Sensors
Connected Motion Sensor with Switch 10 A

Technical characteristics

Overview

The Connected Motion Sensor with Switch combines the benefits of a motion sensor with an integrated 10 A push button switch. It detects moving heat sources (e.g. persons) and can switch on ohmic, inductive or capacitive loads. The motion sensor can be configured through the Wiser by SE app, in which you can set delay time from last detection before lights turn OFF, as well as setting of the ambient light level when the motion sensor shall work automatically. With the integrated switch the automatic function can be easily overridden to turn the lights ON or OFF.

Main data

Commercial Reference	NU352618	NU352654	NU352630
Product color	□ White	■ Anthracite	■ Aluminium
Product or component type	Motion Sensor		

Loads

LED lamp 230 V	LED	200 W
Incandescent lamp 230 V		2200 W
Halogen lamp 230 V		2000 W
LV halogen lamp 12 V (electronic transformer)		1050 VA
LV halogen lamp 12 V (ferromagnetic transformer)		500 VA
Capacitive load		10 A, 140 mF
Compact fluorsecent lamp or ferromagnetic ballast		200 W
Motor (single-phase) 230 V		1000 VA

Control options

- **Home control:** To control the Wiser motion sensor through the Wiser by SE app on your smart phone, you need to pair it to the Wiser Gateway.
- **Direct operation:** The motion sensor can always be controlled directly on-site. You can also connect any number of mechanical push buttons.

Characteristics

- Nominal voltage: 230 V AC, 50 Hz
- Nominal current: 10 A 140 μF, 10 A cosφ = 0.6
- Standby consumption: Max. 0.4 W
- Fuse rating: 16 A
- Neutral conductor required

- Sensor type: PIR
- Movement detection area: 8 m
- Horizontal detection angle: 160 °, 8 m frontal, 8 m lateral

Functions and settings

- Automatic mode: Automatic switching ON OFF loads when a motion is detected and dependent on the ambient brightness
- Manual operation: Local switching ON of loads when the switch is actuated, irrespective of the ambient brightness
- Primary/secondary operation: up to three motion sensors connected with one as primary and two others as secondary devices
- Semi-automatic mode: Manual switch-ON/automatic switch-OFF

- Remote control by other motion sensors or unlimited number of single mechanical push buttons

Via Wiser by SE app:
- Setting the detection brightness: 5 to 1000 lux (default setting 50 lux)
- Setting the detection sensitivity: High (default setting), medium or low
- Setting the overtravel time: 1 second to 30 minutes (default setting 5 minutes)
- Setting a timer or a time schedule
- Test mode

Environment

IP degree	IP21
Operating temperature	5 °C to 40 °C

Certification

Zigbee 3.0

Dimensions (mm)

Wiring diagram

Note:

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

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

Wiser™

New Unica
Motion Sensors

Connected Motion Sensor with Universal Push-button Dimmer LED
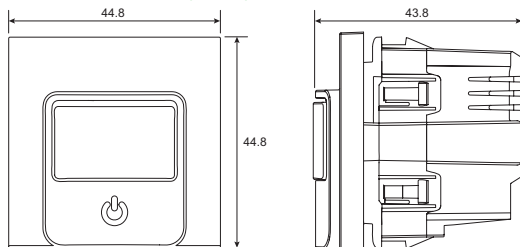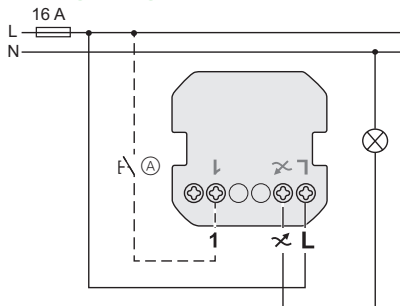
Technical characteristics

Overview

The Connected Motion Sensor with Dimmer combines the benefits of a motion sensor with an integrated push-button dimmer. It detects moving heat sources (e.g. persons) and can dim ohmic, inductive or capacitive loads. The motion sensor can be configured via the Wiser by SE app, in which you can set delay time from last detection before lights turn OFF, as well as set the ambient light level when the motion sensor shall work automatically. With the integrated switch the automatic function can be easily overridden to turn the lights ON or OFF. You can dim down the lights for the night from the push button or the Wiser by SE app. When the motion sensor detects motion, it turns ON the lights to the set light level.

Main data

Commercial Reference	NU352718	NU352754	NU352730
Product color	□ White	■ Anthracite	■ Aluminium
Product or component type	Movement detector		

Loads

LED lamp 230 V	LED	RC [1]: 7...100 W RL [2]: 7...20 W
Incandescent lamp 230 V		14...200 W
Halogen lamp 230 V		14...150 W
LV halogen lamp 12 V	dimmable electronic transformer	14...150 VA
	dimmable ferromagnetic transformer	14...150 VA

Dimensions (mm)

44.8

43.8

44.8

Wiring diagram

16 A
L
N

1 L

Control options

- **Home control:** To control the motion sensor through the Wiser by SE app on your smart phone and to use the full functionality of the motion sensor, you need to pair it to the Wiser Gateway.
- **Direct operation:** The motion sensor can always be controlled directly on-site. You can also connect any number of auxiliary push buttons.

Characteristics

- Nominal voltage: 230 V AC, 50 Hz
- Neutral conductor not required
- Standby consumption: Max. 0.4 W
- Fuse rating: 16 A
- Sensor type: PIR
- Horizontal detection angle: 160 °, 8 m frontal, 8 m lateral
- Movement detection area: 8 m

Functions and settings

- Automatic load detection
- Automatic mode: Automatic switching ON of loads when a motion is detected, depending on the ambient brightness
- Manual operation: Local switching ON of loads when the switch is actuated, irrespective of the ambient brightness
- Semi-automatic mode: Manual switch-ON/ automatic switch-OFF
- Brightness memory function
- Soft start, soft stop
- Electronic overload protection, overheating protection, short-circuit protection
- Remote control by unlimited number of single mechanical push buttons

Via Wiser by SE app:
- Setting the switch-on brightness or memory function (default setting)
- Setting the dimming range: minimum and maximum brightness
- Setting the LED operating mode manually (RL LED mode)
- Setting the detection brightness: 5 to 1000 lux (default setting 50 lux)
- Setting the detection sensitivity: High (default setting), medium or low
- Setting the overtravel time: 1 second to 30 minutes (default setting 5 minutes)
- Setting a timer or a time schedule
- Test mode

Environment

IP degree	IP21

Certification

Zigbee 3.0

(1) RC = Resistive and Capacitive loads (2) RL = Resistive and Inductive loads

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_eu/

Wiser™

New Unica
# Socket Outlets
Connected Single Socket Outlet 16 A

Technical characteristics

Overview

The Connected Single Socket Outlet 16 A is an electrical outlet designed to manage and control electrical devices in a convenient and efficient manner. Use in newly built or retrofit installation for controlling electrical devices through the push button on the device, app, or by voice command (Amazon Alexa, Google Home). Fully compatible with the Schneider Electric Wiser platform, the single socket outlet can be used for a variety of applications including remote ON/OFF, power monitoring, scheduling, automation, and much more. The single socket outlet fits in regular depth wall boxes (40 mm) and does not require any special installation compared to regular socket-outlets making it convenient to fit in any kind of new or existing installation.

Main data

Commercial Reference	NU555718	NU555754	NU555730
Product color	□ White	■ Anthracite	▪ Aluminium
Product or component type	Socket Outlet		

Loads

LED lamp 230 V	LED	100 W, 125 µF
Incandescent lamp 230 V		2000 W
LV halogen lamp — electronic transformer		2000 VA
LV halogen lamp — ferromagnetic transformer		1500 VA
Motor load		1600 VA, 7 A max.
Resistive load		3680 W
Inductive load		16 A, cosφ = 0.6
Capacitive load		6 AX, max. 70 µF

Dimensions (mm)

74.4

40.15

74.4

Wiring diagram

16 A
L
N

Control options

- **Home control:** To control the electrical devices with the single socket outlet remotely through the Wiser by SE app or through voice (Amazon Alexa, Google Home) you will need the Wiser Gateway.
- **Direct operation:** The socket operation can always be controlled directly through the push button on the device.

Characteristics

- Nominal voltage: 230 VAC 50 Hz
- Nominal current: 16 A max.
- Standby: Max. 0.4 W
- Fuse protection: 16 A circuit breaker
- Frequency band: 2405-2480 MHz
- Transmission capacity: < 10 mW
- Connecting terminal: Connected terminals for max. 2 × 2.5 mm², 1.2 Nm

Functions and settings

The single socket outlet offers much more than a normal socket outlet when used with the Wiser by SE app including:
- Switching devices ON/ OFF, and checking the status from the socket or remotely Via Wiser by SE app
- Setting a timer or a schedule (Via Wiser by SE app)
- Controlling and monitoring energy consumption of connected loads with a high level of accuracy (1% for loads > 25 W) Via Wiser by SE app
- Creating moments and automation with other Wiser Home products

Environment

IP degree	IP20
Operating temperature	5 °C to + 40 °C

Complementary

Dimension (H × W × D)	74.4 × 74.4 × 40.15 mm
Installation	Flush mounting

Certification

Zigbee 3.0

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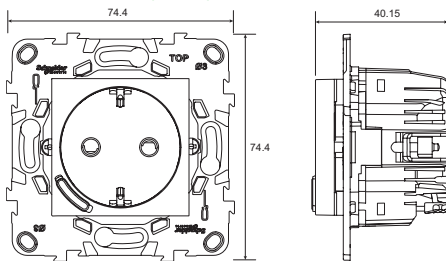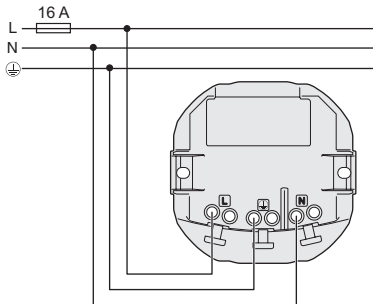https://www.productinfo.schneider-electric.com/wiser_eu/

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

System M & System Design

Wiser™

System M and System Design Controls
Relay Switch Insert

The Relay Switch Insert is suitable for controlling a wide variety of ohmic, inductive and capacitive loads such as incandescent lamps, energy saving lamps, LV halogen lighting with conventional transformer, electronic transformers, and fluorescent lamps.

Art. No.	Description	
MTN5161-0000	Relay Switch Insert 1-gang	
MTN5162-0000	Relay Switch Insert 2-gang	
Product or component type	Insert with relay	

Characteristics

- Nominal voltage: 230 VAC, 50/60 Hz
- Nominal current: max. 10 A
- Switching capacity: 0 - 2000 W

Complementary

Connecting terminals	Screw terminals for max. 2 × 2.5 mm² solid or stranded types
Installation	Flush mounted with screws and claws

Dimensions (mm)

72.8
72.8
28

Connections

Relay Switch Insert 1-gang

Relay Switch Insert 2-gang

Load

LED						
100 W	2200 W	500 VA	2000 W	1050 VA	100 W	1000 VA

Note: All controlling functions are included in the module. An insert without a module and rocker has no function. The modules for the inserts can be found in "Push-button Modules".

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

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https://www.productinfo.schneider-electric.com/wiser_eu/
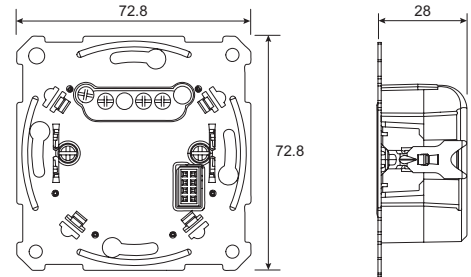
Wiser™

System M and System Design Light Controls
Universal Dimmer Insert

The Universal Dimmer Insert is suitable for controlling ohmic, inductive or capacitive loads, e.g. incandescent lamps, dimmable wound transformers or dimmable electronic transformers. The universal dimmer insert automatically recognizes the connected load. Do not connect any mixed loads.

Art. No.	Description	
MTN5171-0000	Universal Dimmer Insert 1-gang	
MTN5172-0000	Universal Dimmer Insert 2-gang	
Product or component type	Dimmer insert	
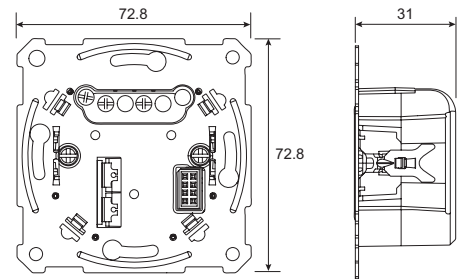
Characteristics

- Nominal voltage: 230 VAC, 50 Hz
- Switching and dimming of one output
- Overload and short-circuit-proof

Complementary

Connecting terminals	Screw terminals for max. 2 × 2.5 mm² solid or stranded types
Installation	Flush mounted with screws and claws

Dimensions (mm)

72.8
31
72.8

Connections

Universal Dimmer Insert 1-gang
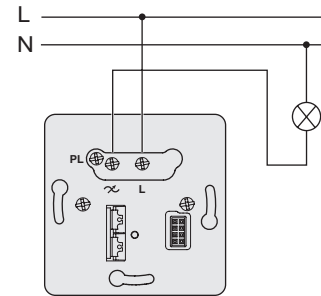
Universal Dimmer Insert 2-gang
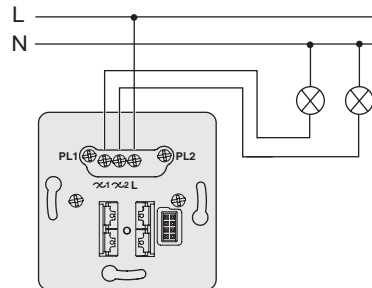
Load

	LED	🔆	⚙	⬛	⬛
Universal Dimmer Insert 1-gang	RC [1]: 14-210 W RL [2]: 14-50 W	20-420 W	40-420 VA	20-420 W	20-420 W
Universal Dimmer Insert 2-gang (per channel)	-	50-200 W	50-200 VA	50-200 W	50-200 W

[1] RC = Resistive and Capacitive loads.
[2] RL = Resistive and Inductive loads.

Note: All controlling functions are included in the module. An insert without a module and rocker has no function. The modules for the inserts can be found in "Push-button Modules".

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

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https://www.productinfo.schneider-electric.com/wiser_eu/

Wiser™
System M and System Design
Light Controls
1-10 V Insert

The 1-10 V Insert suitable for fluorescent lamps with electronic ballast or electronic transformer with 1-10 V interface.

Art. No.	Description	
MTN5180-0000	1-10 V Insert	
Product or component type	Electronic potentiometer	

Characteristics
- Nominal voltage: 230 VAC, 50 Hz
- Max. switching current: 10 A, cosϕ = 0.6
- Output current: 0 - 50 mA
- Switching and dimming of 25 controllable 1-10 V EBs

Complementary
Connecting terminals	Screw terminals for max. 2 × 2.5 mm² solid or stranded types.
Installation	Flush mounted with screws and claws.

Dimensions (mm)

Connections

1-10 V Insert
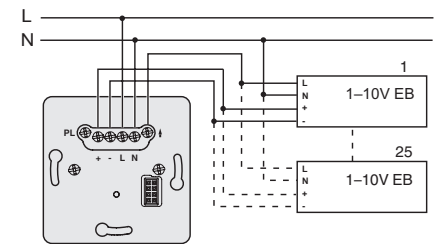
DALI Insert

The DALI Insert is suitable for 15 DALI EBs (electronic ballast).

Art. No.	Description	
MTN5185-0000	DALI Insert	
Product or component type	DALI control insert	

Characteristics
- Nominal voltage: 230 VAC, 50 Hz
- Output current: 0 - 30 mA
- Overload and short-circuit-proof
- Switching and dimming of 15 controllable DALI EBs

Complementary
Connecting terminals	Screw terminals for max. 2 × 2.5 mm² solid or stranded types.
Installation	Flush mounted with screws and claws.

Note: All controlling functions are included in the module. An insert without a module and rocker has no function. The modules for the inserts can be found in "Push-button Modules".

DALI Insert

Note:
Download the Wiser by SE app to your smartphone, and install the Wiser Gateway to configure and control Wiser devices. You can use the app to pair, set up and control Wiser devices.
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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_eu/

Wiser™

System M and System Design Socket Outlets
Connected Single Socket Outlet 16 A

The Connected Single Socket Outlet 16 A is an electrical outlet designed to manage and control electrical devices in a convenient and efficient manner. Use in newly built or retrofit installation for controlling electrical devices through the push button on the device, Wiser by SE app, or by voice command (Amazon Alexa, Google Home). Fully compatible with the Schneider Electric Wiser platform, the single socket outlet can be used for a variety of applications including remote ON/OFF, power monitoring, scheduling, automation, and much more. The single socket outlet fits in regular depth wall boxes (40 mm) and does not require any special installation compared to regular socket outlets making it convenient to fit in any kind of new or existing installation.

Art. No.	Product Color	Description
MTN2380-0319	Polar white glossy	Wiser SysM Smart socket outlet 16 A single outlet-Thermoplast brillant
MTN2380-0325	Active white glossy	Wiser SysM Smart socket outlet 16 A single outlet-Thermoplast brillant
MTN2380-0344	White glossy	Wiser SysM Smart socket outlet 16 A single outlet-Thermoplast brillant
MTN2380-0414	Anthracite	Wiser SysM Smart socket outlet 16 A single outlet-Thermoplast edelmatt
MTN2380-0460	Aluminium	Wiser SysM Smart socket outlet 16 A single outlet-Thermoplast edelmatt
MTN2380-6035	Lotus white	Wiser SysD Smart socket outlet 16 A single outlet-Thermoplast brillant
MTN2380-6034	Anthracite	Wiser SysD Smart socket outlet 16 A single outlet-Thermoplast lackiert
MTN2380-6036	Stainless steel	Wiser SysD Smart socket outlet 16 A single outlet-Thermoplast lackiert
Product or component type	Single socket outlet	

Characteristics

- Nominal voltage: 230 V AC, 50 Hz
- Nominal current: 16 A max.
- Standy: Max. 0.4 W
- Fuse Protection: 16 A circuit breaker
- Frequency band: 2405-2480 MHz
- Transmission capacity: < 10 mW

Control options

- **Home control:** To control the electrical devices with the connected single socket outlet remotely through the Wiser app or through voice (Amazon Alexa,Google Home) you will need the Wiser Gateway.
- **Direct operation:** The socket operation can always be controlled directly through the push button on the device.

Functions and Settings

The Single socket outlet offers much more than a normal socket outlet when used with the Wiser app including:
- Switching devices ON/ OFF, and checking the status from the socket or remotely Via Wiser by SE app.
- Setting a timer or a schedule (Via Wiser by SE app).
- Monitor and control energy consumption of connected loads with a high level of accuracy (1% for loads > 25 W) Via Wiser by SE app.
- Creating moments and automation with other Wiser products.

Environment

IP degree	IP20
Operating temperature	5 °C to 40 °C

Installation

Dimensions (H × W × D)	74.4 × 74.4 × 40.15 mm
Installation	Flush mounted
Connecting terminal	Connected terminals for max. 2 × 2.5 mm², 1.2 Nm

Certification

Zigbee 3.0

Dimensions (mm)
Connected Single Socket Outlet 16 A
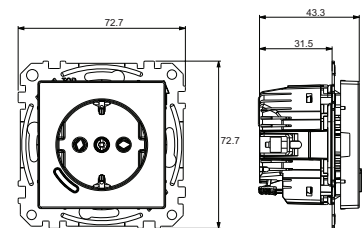
Connections
Connected Single Socket Outlet 16 A
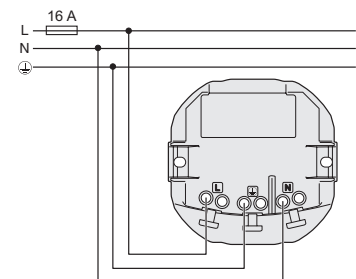
Load compatibility

LED							
100 W, 125 μF	2000 W	1500 VA	2000 VA	3680 W	16 A, cosφ = 0.6	6 AX, max. 70 μF	1600 VA, max. 7 A

Note:
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wiser_eu/

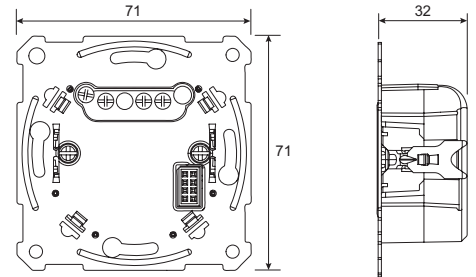# Wiser™

System M and System Design
Blind Controls
Blind Control Insert

For local control of a blind/roller shutter motor with limit switch. The insert has two relay contacts electrically locked against each other that reliably prevent simultaneous triggering of the two relay outputs.

Art. No.	Description	
MTN5165-0000	Blind Control Insert	
Product or component type	Blind control insert	

Characteristics

- Nominal voltage: 230 VAC, 50 Hz
- Switching capacity: 1000 W
- Slat adjustment with blinds

Complementary

Connecting terminals	Screw terminals for max. 2 × 2.5 mm² solid or stranded types.
Installation	Flush mounted with screws and claws.

Certification

Zigbee 3.0

Note: All controlling functions are included in the module. An insert without a module and rocker has no function. The modules for the inserts can be found in "Push-button Modules".

Load compatibility

max. 1000 VA

Dimensions (mm)

Blind Control Insert

71   28   71

Connections

Blind Control Insert

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Wiser™

System M and System Design Push Buttons
Connected Push-button Modules

Wiser™ The Connected Push-Button Module supports functionality such as switching, dimming and blind control. With the Wiser by SE app, you can combine the settings of one or more devices to form a Moment or an Automation.

The push-button module is connected to the inserts with a module interface and is completed with the rocker to form a Wiser offer.

Art. No.	Description	
MTN5116-0300	**System M**: Push-button Module, 1-gang	
MTN5116-6000	**System Design**: Push-button Module, 1-gang	
Product or component type	Push-button module	

Characteristics

- Number of function keys: 2

Functions and settings

- Local control switch
- Local control dimming up/down control
- Local control roller blind
- Local control starting staircase timer (with/without warning)
- Local control pulse generator
- Local control sunshade function
- Local control calling up/saving scenes

Via Wiser by SE app:
- Setting the switch-on brightness or memory function (default setting).
- Setting the dimming range: minimum and maximum brightness.
- Setting the blind and slat position.
- Setting the blind movement time.

Complementary

Dimensions (H × W × D)	53 × 52 × 25 mm

To be completed with:

Relay switch insert	**MTN5161-0000**
Universal Dimmer Insert 1-gang	**MTN5171-0000**
1-10 V Insert	**MTN5180-0000**
DALI Insert	**MTN5185-0000**
Blind Control Insert	**MTN5165-0000**

Environment

IP degree	IP20

Certification

Zigbee 3.0

Note: The rockers and cover frames for the Push-button Modules can be found in "Accessories".

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Wiser™

System M and System Design
Push Buttons
Connected Push-button Modules

Wiser™ The Connected Push-Button Module supports functionality such as switching, dimming and blind control. With the Wiser app, you can combine the settings of one or more devices to form a Moment or an Automation.

The push-button module is connected to the inserts with a module interface and is completed with the rocker to form a Wiser offer.

Art. No.	Description	
MTN5126-0300	**System M**: Push-button Module, 2-gang	
MTN5126-6000	**System Design**: Push-button Module, 2-gang	
Product or component type	Push-button module	

Characteristics

- Number of function keys: 4

Functions and settings

- Local control switch
- Local control dimming up/down control
- Local control starting staircase timer (with/without warning)
- Local control pulse generator
- Local control calling up/saving scenes
Via Wiser by SE app:
- Setting the switch-on brightness or memory function (default setting)
- Setting the dimming range: minimum and maximum brightness

Complementary

Dimensions (H × W × D)	53 × 52 × 25 mm

To be completed with:

Relay switch insert	**MTN5162-0000**
Universal Dimmer Insert 2-gang	**MTN5172-0000**

Environment

IP degree	IP20

Certification

Zigbee 3.0	

Note: The rockers and cover frames for the Push-button Modules can be found in "Accessories".

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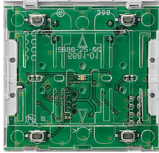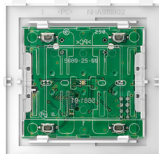
Wiser™

System M and System Design Switches
Connected Wireless Switch 1-gang/2-gang

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 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.

Art. No.	Description	
MTN5001-0300	**System M**: Wireless Switch, 1-2 gang	
MTN5001-6000	**System Design**: Wireless Switch, 1-2 gang	
Product or component type	Wireless Switch	

Dimensions (mm)

System M: Wireless Switch 1-2-gang
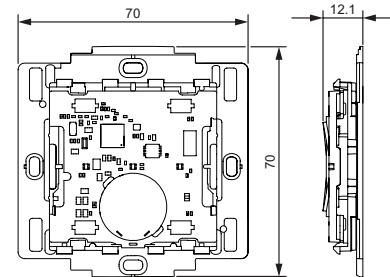
System D: Wireless Switch 1-2-gang

Characteristics

- Operating voltage: 3 V DC
- Battery: CR2032
- Battery life: Up to 5 years (depending on the frequency of use and quality of the battery)
- Max. transmitted power: ≤ 10 mW
- Frequency range: 2405 MHz to 2480 MHz

Control options

- **Home control and Room control:** To control the wireless switch, 1-gang/ 2-gang through the Wiser app on your smartphone, you need to pair it to the Wiser Gateway.

Functions and settings

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.

Installation

For wall box, wood, or wall surfaces, use mounting screws.
For glass or plastic surfaces, use adhesive pads or adhesive foil.
Do not install the device on a metal surface, as it affects the wireless communication and performance of the device.

Environment

IP degree	IP20
Operating temperature	-5 °C to 45 °C
Relative humidity	5 % to 95 %

Certification

Zigbee 3.0

Note:
- The rocker and cover frame is not included in the package. They must be procured separately. The rockers and cover frames for the Wireless Switch Inserts can be found in "Accessories".
- 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.

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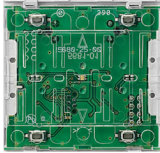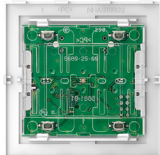https://www.productinfo.schneider-electric.com/wiser_eu/

Rocker for 1-gang Push-button Module

Description	Art. No.	Description	Art. No.
Polar white	**MTN619119**	Polar white	**MTN619419**
Active white	**MTN619125**	Active white	**MTN619425**
Anthracite	**MTN625114**	Anthracite	**MTN625514**
Aluminium	**MTN625160**	Aluminium	**MTN625560**

Note: The rocker is attached to the 1-gang Push-button Mmodule. To be completed with System M Push-button Module **MTN5116-0300** or Wireless Switch **MTN5001-0300**.

Rocker for 2-gang Push-button Module

Description	Art. No.
Polar white	**MTN619219**
Active white	**MTN619225**
Anthracite	**MTN625214**
Aluminium	**MTN625260**

Note: The rocker is attached to the 2-gang Push-button Module. To be completed with System M Push-button Module **MTN5126-0300** or Wireless Switch **MTN5001-0300**

Note:
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Wiser™

System M and System Design
Accessories
System Design Rockers

Rocker for 1-gang push-button module

Description	Art. No.	Description	Art. No.
Lotus white	**MTN5210-6035**	Lotus white	**MTN5215-6035**
Anthracite	**MTN5210-6034**	Anthracite	**MTN5215-6034**
Stainless steel	**MTN5210-6036**	Stainless steel	**MTN5215-6036**
Sahara	**MTN5210-6033**	Sahara	**MTN5215-6033**
Nickel	**MTN5210-6050**	Nickel	**MTN5215-6050**
Champagne	**MTN5210-6051**	Champagne	**MTN5215-6051**
Mocca	**MTN5210-6052**	Mocca	**MTN5215-6052**

Note: The rocker is attached to the 1-gang Push-button Module. To be completed with System Design Push-button Module **MTN5116- 6000** or Wireless Switch **MTN5001-6000**.

Rocker for 2-gang push-button module
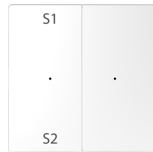
Description	Art. No.	Description	Art. No.
Lotus white	**MTN5220-6035**	Lotus white	**MTN5226-6035**
Anthracite	**MTN5220-6034**	Anthracite	**MTN5226-6034**
Stainless steel	**MTN5220-6036**	Stainless steel	**MTN5226-6036**
Sahara	**MTN5220-6033**	Sahara	**MTN5226-6033**
Nickel	**MTN5220-6050**	Nickel	**MTN5226-6050**
Champagne	**MTN5220-6051**	Champagne	**MTN5226-6051**
Mocca	**MTN5220-6052**	Mocca	**MTN5226-6052**

Description	Art. No.
Lotus white	**MTN5227-6035**
Anthracite	**MTN5227-6034**
Stainless steel	**MTN5227-6036**
Sahara	**MTN5227-6033**
Nickel	**MTN5227-6050**
Champagne	**MTN5227-6051**
Mocca	**MTN5227-6052**

Note: The rocker is attached to the 2-gang Push-button Module. To be completed with System Design Push-button Module **MTN5126-6000** or Wireless Switch **MTN5001-6000**.

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Wiser™

System M and System Design
Accessories
M-Elegance Frames

1-gang frames		2-gang frames	

Description	Art. No.	Description	Art. No.
Polar white	**MTN4010-3019**	Polar white	**MTN4020-3019**
Active white	**MTN4010-3035**	Active white	**MTN4020-3035**
Anthracite	**MTN4010-3114**	Anthracite	**MTN4020-3114**
Aluminium	**MTN4010-3160**	Aluminium	**MTN4020-3160**
Platinum silver	**MTN403160**	Platinum silver	**MTN403260**
Titanium	**MTN403105**	Titanium	**MTN403205**
Rhodium grey	**MTN403114**	Rhodium grey	**MTN403214**
Chrome	**MTN403139**	Chrome	**MTN403239**
Brilliant white	**MTN404119**	Brilliant white	**MTN404219**
Onyx black	**MTN404103**	Onyx black	**MTN404203**
Emerald green	**MTN404104**	Emerald green	**MTN404204**
Beech	**MTN4051-3470**	Beech	**MTN4052-3470**
Wenge	**MTN4051-3471**	Wenge	**MTN4052-3471**
Cherry wood	**MTN4051-3472**	Cherry wood	**MTN4052-3472**
Walnut	**MTN4051-3473**	Walnut	**MTN4052-3473**

3-gang frames		4-gang frames	

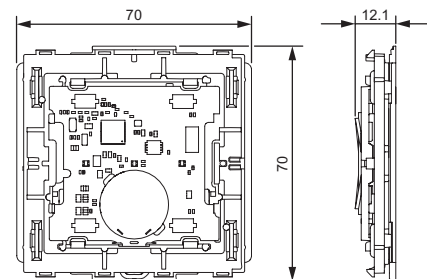| Description	Art. No.	Description	Art. No.
Polar white	**MTN4030-3019**	Polar white	**MTN4040-3019**
Active white	**MTN4030-3035**	Active white	**MTN4040-3035**
Anthracite	**MTN4030-3114**	Anthracite	**MTN4040-3114**
Aluminium	**MTN4030-3160**	Aluminium	**MTN4040-3160**
Platinum silver	**MTN403360**	Platinum silver	**MTN403460**
Titanium	**MTN403305**	Titanium	**MTN403405**
Rhodium grey	**MTN403314**	Rhodium grey	**MTN403414**
Chrome	**MTN403339**	Chrome	**MTN403439**
Brilliant white	**MTN404319**	Brilliant white	**MTN404419**
Onyx black	**MTN404303**	Onyx black	**MTN404403**
Emerald green	**MTN404304**	Emerald green	**MTN404404**
Beech	**MTN4053-3470**	Beech	**MTN4054-3470**
Wenge	**MTN4053-3471**	Wenge	**MTN4054-3471**
Cherry wood	**MTN4053-3472**	Cherry wood	**MTN4054-3472**
Walnut	**MTN4053-3473**	Walnut	**MTN4054-3473**

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System M and System Design
Accessories
M-Elegance Frames

5-gang frames		2-gang frames without central bridge	
Description	**Art. No.**	**Description**	**Art. No.**
Polar white	**MTN4050-3019**	Polar white	**MTN515844**
Active white	**MTN4050-3035**	Active white	**MTN515825**
Anthracite	**MTN4050-3114**	Anthracite	**MTN4025-3614**
Aluminium	**MTN4050-3160**	Aluminium	**MTN4025-3660**
Platinum silver	**MTN403560**	Platinum silver	**MTN403860**
Titanium	**MTN403505**	Titanium	**MTN403805**
Rhodium grey	**MTN403514**	Rhodium grey	**MTN403814**
Chrome	**MTN403539**	Chrome	**MTN403839**
Brilliant white	**MTN404519**	Brilliant white	**MTN404819**
Onyx black	**MTN404503**	Onyx black	**MTN404803**
Emerald green	**MTN404504**	Emerald green	**MTN404804**
Beech	**MTN4055-3470**	Beech	**MTN4058-3470**
Wenge	**MTN4055-3471**	Wenge	**MTN4058-3471**
Cherry wood	**MTN4055-3472**	Cherry wood	**MTN4058-3472**
Walnut	**MTN4055-3473**	Walnut	**MTN4058-3473**

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Wiser™

System M and System Design
Accessories
D-Life Frames

1-gang frames		**2-gang frames**	
Description	**Art. No.**	**Description**	**Art. No.**
Lotus white	**MTN4010-6535**	Lotus white	**MTN4020-6535**
nordic white	**MTN4010-6537**	nordic white	**MTN4020-6537**
Anthracite	**MTN4010-6534**	Anthracite	**MTN4020-6534**
Stainless steel	**MTN4010-6536**	Stainless steel	**MTN4020-6536**
Sahara	**MTN4010-6533**	Sahara	**MTN4020-6533**
Nickel	**MTN4010-6550**	Nickel	**MTN4020-6550**
Champagne	**MTN4010-6551**	Champagne	**MTN4020-6551**
Mocca	**MTN4010-6552**	Mocca	**MTN4020-6552**
Crystal White	**MTN4010-6520**	Crystal White	**MTN4020-6520**
Oynx black	**MTN4010-6503**	Oynx black	**MTN4020-6503**
State polished	**MTN4010-6547**	State polished	**MTN4020-6547**

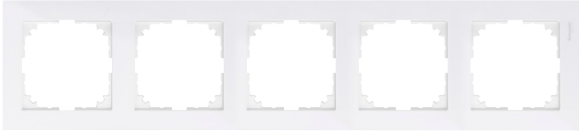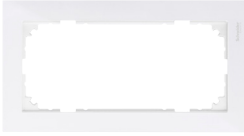| **3-gang frames**		**4-gang frames**	
Description	**Art. No.**	**Description**	**Art. No.**
Lotus white	**MTN4030-6535**	Lotus white	**MTN4040-6535**
nordic white	**MTN4030-6537**	nordic white	**MTN4040-6537**
Anthracite	**MTN4030-6534**	Anthracite	**MTN4040-6534**
Stainless steel	**MTN4030-6536**	Stainless steel	**MTN4040-6536**
Sahara	**MTN4030-6533**	Sahara	**MTN4040-6533**
Nickel	**MTN4030-6550**	Nickel	**MTN4040-6550**
Champagne	**MTN4030-6551**	Champagne	**MTN4040-6551**
Mocca	**MTN4030-6552**	Mocca	**MTN4040-6552**
Crystal White	**MTN4030-6520**	Crystal White	**MTN4040-6520**
Oynx black	**MTN4030-6503**	Oynx black	**MTN4040-6503**
State polished	**MTN4030-6547**	State polished	**MTN4040-6547**

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Wiser™

System M and System Design
Accessories
D-Life Frames

5-gang frames		2-gang frames without central bridge	
Description	**Art. No.**	**Description**	**Art. No.**
Lotus white	**MTN4050-6535**	Lotus white	**MTN4025-6535**
nordic white	**MTN4050-6537**		
Anthracite	**MTN4050-6534**		
Stainless steel	**MTN4050-6536**		
Sahara	**MTN4050-6533**		
Nickel	**MTN4050-6550**		
Champagne	**MTN4050-6551**		
Mocca	**MTN4050-6552**		
Crystal White	**MTN4050-6520**		
Oynx black	**MTN4050-6503**		
State polished	**MTN4050-6547**		

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Wiser™

Accessories
Load Compensation Module LED

Technical Characteristics

Overview	
The Load Compensation Module LED can be used with trailing edge dimmers (dimmers in mode RC).	
Main data	
Commercial Reference	**CCT90501**
Product colour	□ White
Product or component type	Load compensation module
Features	
Rated voltage	230 VAC
Frequency range	50 - 60 Hz
Power loss	2 W max.
Complementary	
Installation	junction box, in the luminaire or in the sub-distribution panel, wired between neutral and dimmed phase

Characteristics

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
- be connected in parallel when more than 3 lamps are wired on the circuit

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

Dimensions (mm)

Connections

(1) Dimmer
(2) Load compensation module LED
(3) HV-LED (230 VAC LED lamps)

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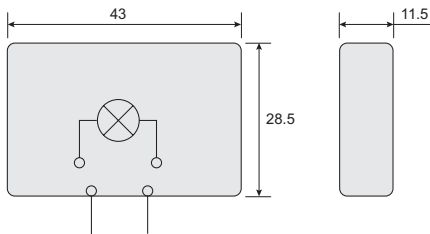https://www.productinfo.
schneider-electric.com/
wiser_eu/

Wiser™
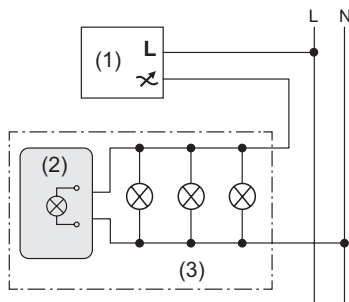# Index

Wiser™

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Green Premium™

An industry leading portfolio of offers delivering sustainable value

Green Premium™

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

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

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

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

Discover what we mean by green...

Check your products!

CO_2 and P&L impact through… Resource Performance

Green Premium brings improved resource efficiency throughout an asset's lifecycle. This includes efficient use of energy and natural resources, along with the minimization of CO_2 emissions.

Cost of ownership optimization through… Circular Performance

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

Peace of mind through… Well-being Performance

Green Premium products are RoHS and REACh compliant. We're going beyond regulatory compliance with step-by-step substitution of certain materials and substances from our products.

Improved sales through… Differentiation

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

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