Wiser™

Wiser™
Smart and Sustainable Homes

Catalog 2022

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.
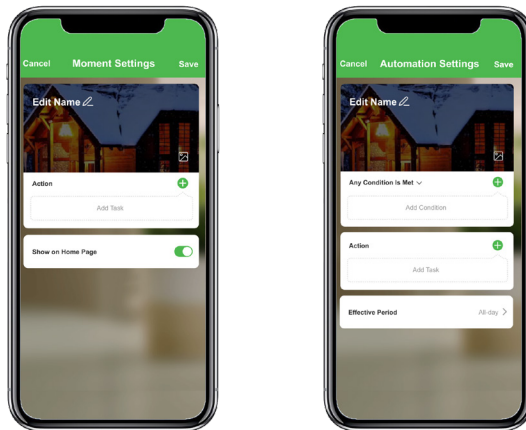
Alexa   Google Assistant   Siri

**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 a new Moment

Homeowners operate shutters and lighting remotely with the app, or locally with voice assistants, or with the Exxact connected wireless switch. 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.

One app and a few simple sensors and devices. That's 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.

A connected wireless
switch is a handy way
to dim the lights

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.

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.

USES FOR WISER

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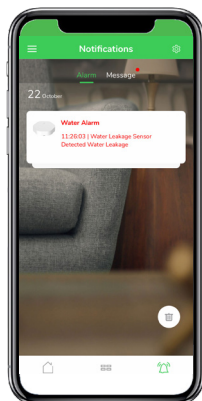
Improved security
When your customer is on holiday, Wiser can switch lights on and off and open and close the shutters at pre-set times to provide a realistic impression of occupancy.

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.

Make commissioning Wiser a breeze

Simple set up

For single-home projects, the Wiser by SE app offers the simplest way to commission, and then it's ready for the homeowner to use. You just create your account, add the home and rooms, add the gateway, and pair the devices with a few simple clicks.

Then, create a handover code for your customers to allow them to access all of the functionalities of their Wiser installation.

Commissioning at scale

For larger or repetitive projects, use the eConfigure Wiser and eSetup software and app package. It's been developed for professionals working on multi-dwelling or multi-project installations. These tools enable you to create templates and copy-paste them across your projects, including device commissioning as well as moments and automation, if required.
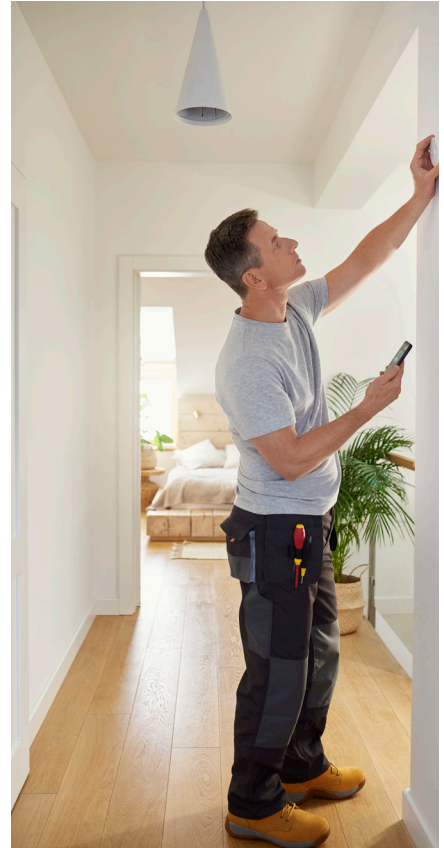
FIVE EASY STEPS
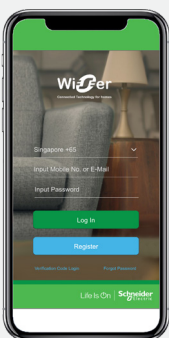
1. Create your account (using your email address or phone number)
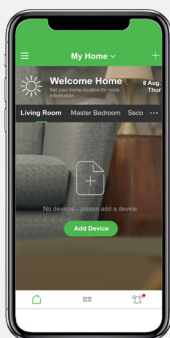
2. Add the home's profile with a name and location, and add rooms

3. Add the Hub and connect it to the internet (the Hub will create a temporary Wi-Fi network for setup)
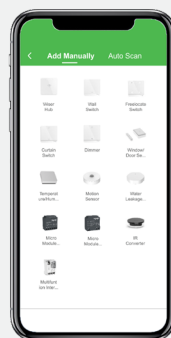
4. Add devices
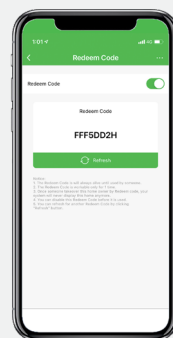
5. Generate a one-time code to be shared with your customer for hand-over

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

Connected wireless switch

Voice control device

Internet

Wiser Gateway

Dimmer

360Degree ZB/IR Convertor

Socket

Motion Sensor

Temperature/ Humidity Sensor

Smart Plug

Smoke Alarm

PowerTag

Curtain Switch

Window/Door Sensor

Connected Wireless Switch
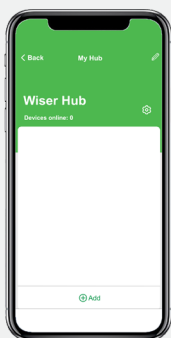
Switch

Indoor IP camera

Outdoor IP camera

Water Leakage Sensor
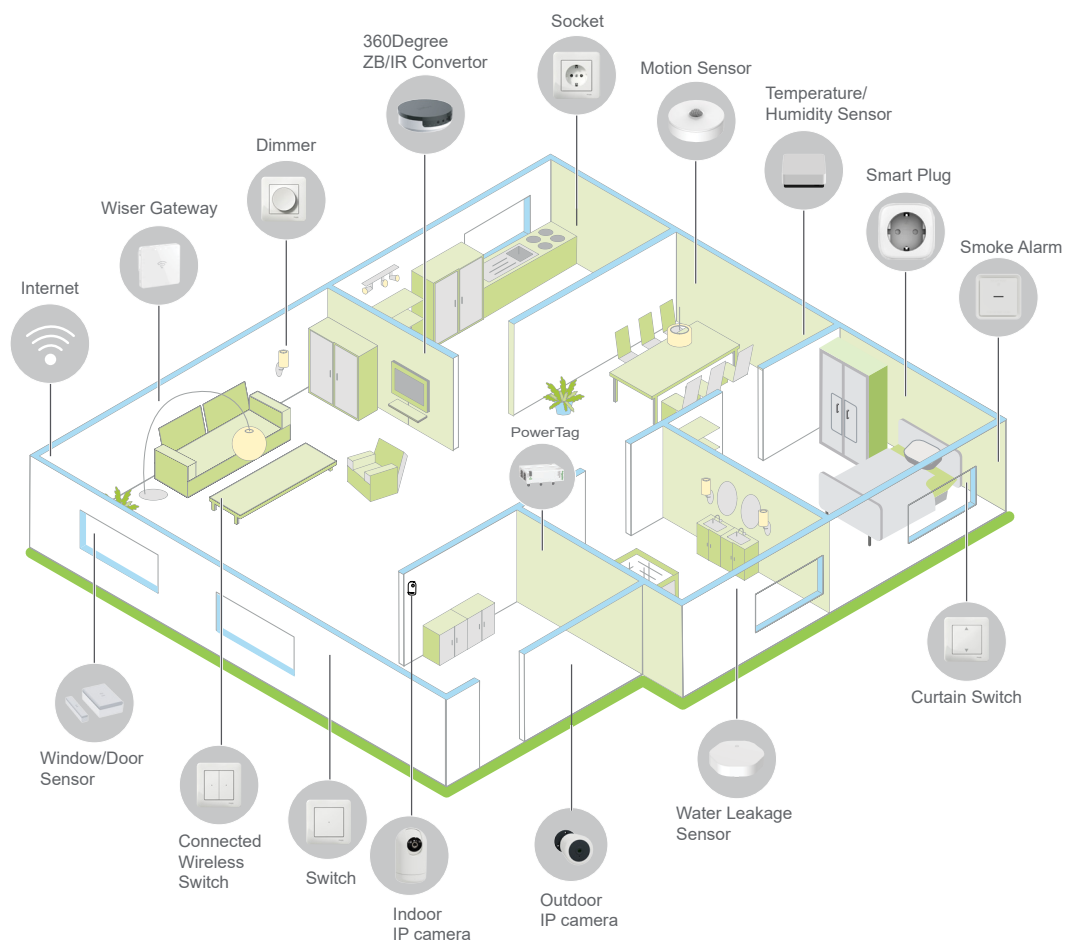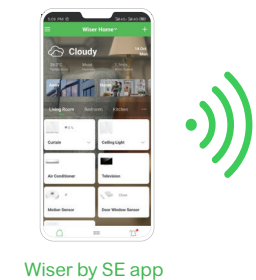
Gateway

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.

Functional

Works with Wiser™

Provide a complete range of functions with Exxact connected switches.
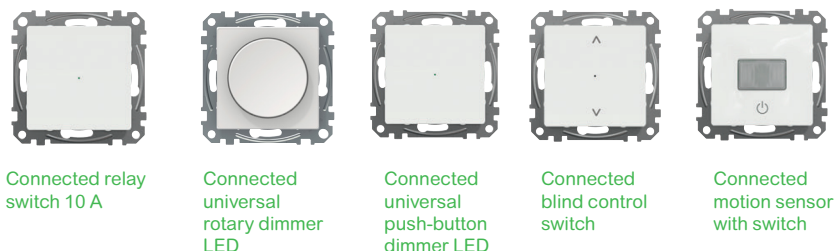
Connected relay switch 10 A

Connected universal rotary dimmer LED

Connected universal push-button dimmer LED

Connected blind control switch

Connected motion sensor with switch

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. Two-wire installation like any other switch, with standard dimmer wiring.

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 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?`
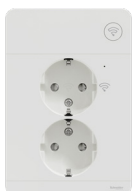
Sensors
are a snap
to install

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.

Smart 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 adapter 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 Exxact switches at home, Wiser-compatible smart socket outlets are the best option.

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 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 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 on-line system user guide. Scan the QR code or follow the link: https://www.productinfo.schneider-electric.com/wiser_eu/
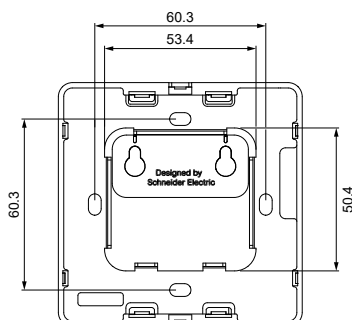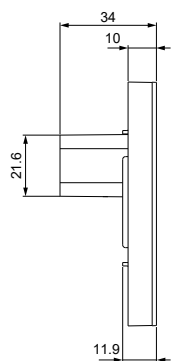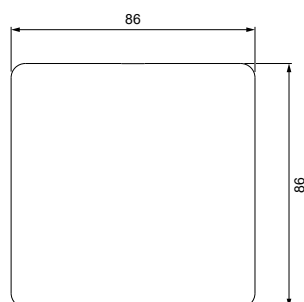
Wiser™

Gateway
Wiser Gateway

Dimensions (mm)

86

86

34
10
21.6
11.9

60.3
53.4
60.3
50.4

Designed by
Schneider Electric

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 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**
E-number	SE 17 240 04
	FI 26 221 18
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)

Environment

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

Complementary

Dimensions (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

Functions
- Monitors and controls Wiser Zigbee devices through the mobile Wiser app, Ethernet or Wi-Fi®.
- Through the mobile Wiser app, you can create Moments or Automations to operate Wiser Zigbee devices.

Note:
Download the Wiser 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 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 on-line system user guide. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_eu/

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Tablestand
Tablestand for Wiser Hub/Gateway
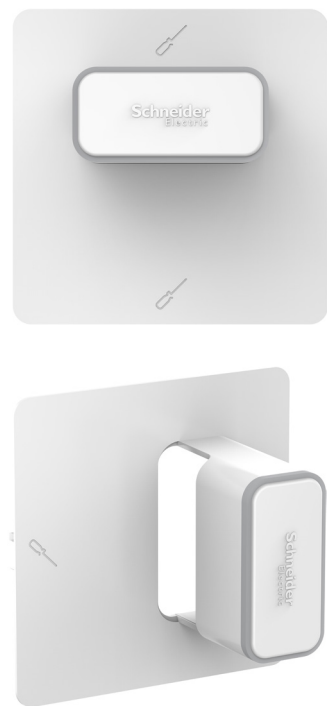
Technical Characteristics

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**
E-number	SE 17 240 07
	FI 26 221 19
Product colour	□ White
Product or component type	Docking kit
Environment	
Operating temperature	-10 °C to 45 °C
Relative humidity	10 % to 95 %
Complementary	
Dimensions (H × W × D)	86 x 54.6 x 86 mm

Dimensions (mm)

86

86

54.4

24.6

7.4

Note:
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control Wiser devices. You can use the app to pair, set up and control Wiser devices.
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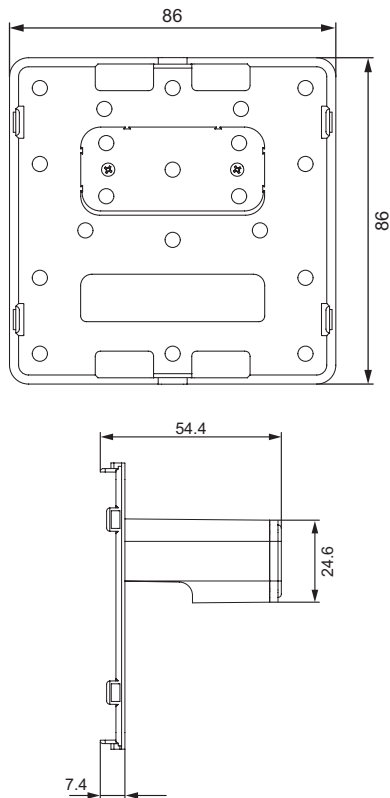https://www.productinfo.
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wiser_eu/

Wiser™

Micro Modules
Wiser Micro Module Dimmer
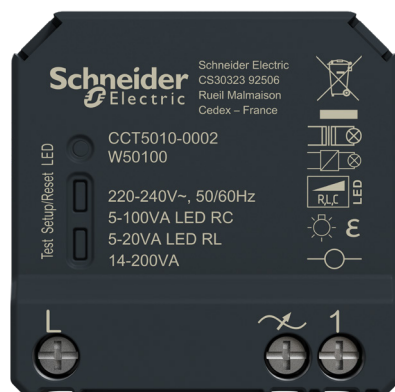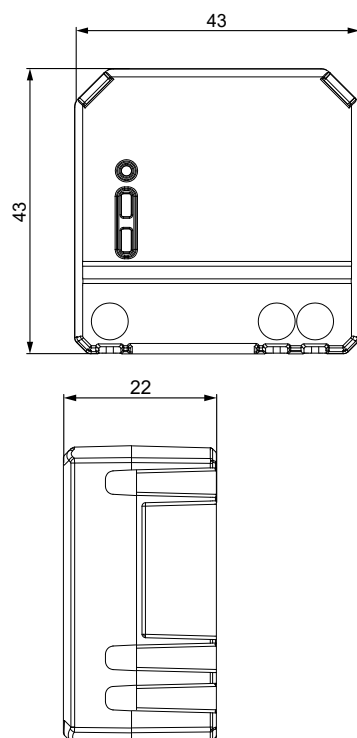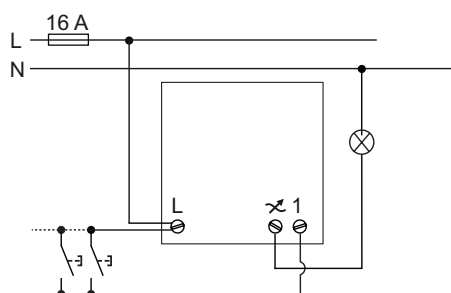
Dimensions (mm)

Wiring diagram

Note:
Download the Wiser 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 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).

Technical Characteristics

Overview

The 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 you can control from the switch or through the Wiser app. Up to 10 mechanical push-button switches can be connected to one Wiser micro module dimmer to control a dimmable load. It can switch and dim ohmic, inductive or capacitive loads.

Main data

Commercial Reference E-number	CCT5010-0002 SE 13 607 44 FI 26 221 20
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 Wiser micro module dimmer through the Wiser 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.
- Dimensions (H x W x D): 43 x 43 x 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.
- Neutral conductor not required.
- Certification: Zigbee 3.0

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 maximum of 10 single mechanical push buttons.
- Neutral conductor not required.
Via Wiser 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.

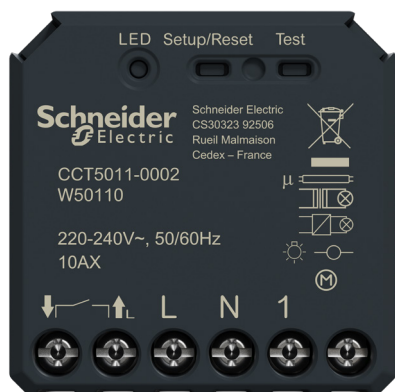(1) RC = Resistive and Capacitive loads.
(2) RL = Resistive and Inductive loads.

For more detailed information, refer to the on-line system user guide. Scan the QR code or follow the link: https://www.productinfo. schneider-electric.com/ wiser_eu/
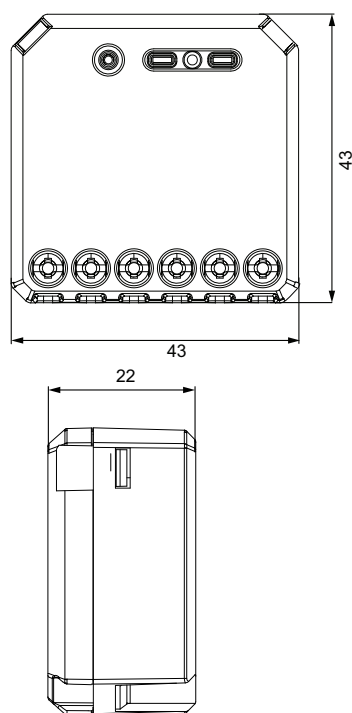
Wiser™

Micro Modules
Wiser Micro Module Light Switch

Dimensions (mm)
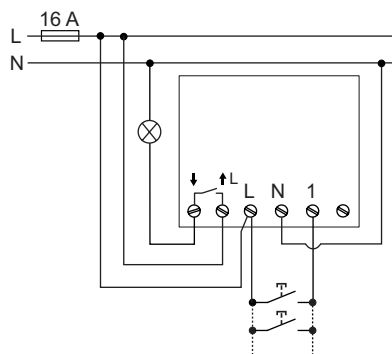
43

43

22

Wiring diagram

16 A

L
N

Note:
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The Wiser 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).

Technical Characteristics

Overview

The 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 app. Up to 10 mechanical push-button switches can be connected to one Wiser micro module light switch to control a connected load. It can switch ohmic, inductive, or capacitive loads.

Main data

Commercial Reference E-number	**CCT5011-0002** SE 18 204 32 FI 26 221 24
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

Control options

- **Home control**: To control the Wiser micro module light switch through the Wiser 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.
- Dimensions (H x W x D): 43 x 43 x 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.
- Neutral conductor required.
- Certification: Zigbee 3.0

Functions and settings

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

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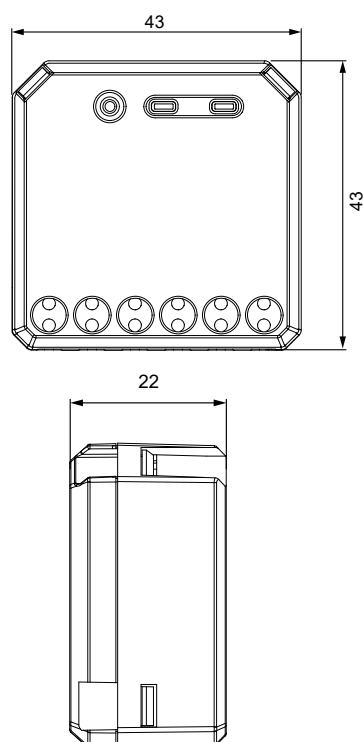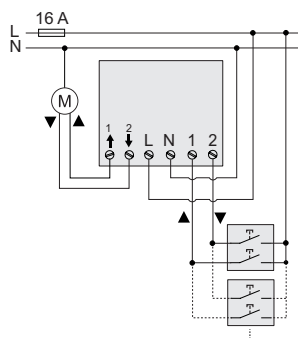https://www.productinfo.schneider-electric.com/wiser_eu/

Wiser™

Micro Modules
Wiser Micro Module Shades Control

LED Setup/Reset Test

Schneider Electric
CS30323 92506
Rueil Malmaison
Cedex – France

CCT5015-0002
W50150

220-240V~, 50/60Hz
4A

μ
Ⓜ

↑1 ↓2 L N 1 2

Technical Characteristics

Overview

The micro module shades control combines the advantages of smart shutter 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 app. Up to 10 mechanical push-button switches can be connected to one Wiser micro module shades control to control a connected blind or roller shutter. Blind and roller shutter motor must be equipped with an end position switch. Relay contacts mechanically locked against each other prevent simultaneous triggering of the two relay outputs.

Main data

Commercial Reference	**CCT5015-0002**
E-number	SE 18 204 33
	FI 26 221 25
Product color	■ Dark grey
Product or component type	Micro Module Blinds and Shutters

Loads

Motor		500 VA

Control options

- **Home control**: To control the Wiser micro module shades control through the Wiser 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 φ = 0.6 – 1.0
- 1 Blind channel, mechanically and electronically locked against each other.
- Dimensions (H x W x D): 43 x 43 x 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.
- Neutral conductor required.
- Certification: Zigbee 3.0

Functions and settings

- Protection of the motor against damage with two mutually mechanically and electronically locked relay contacts.
- Remote control by a maximum of 10 double mechanical push buttons.

Via Wiser app:
- Setting the running time.
- Setting a timer or a time schedule.

Dimensions (mm)

43

43

22

Wiring diagram

16 A
L
N

M

1 2 L N 1 2

Note:
Download the Wiser 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 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 on-line system user guide. Scan the QR code or follow the link:
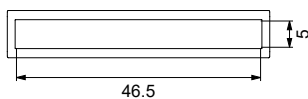https://www.productinfo.schneider-electric.com/wiser_eu/

Wiser™

Sensors
Wiser Window/Door Sensor
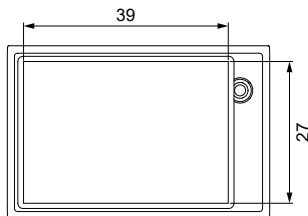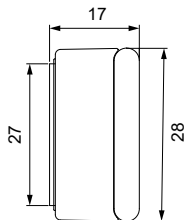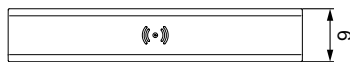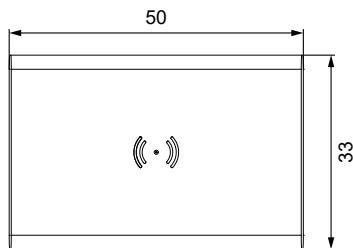
Technical Characteristics

Overview

The window/door sensor detects opened and closed windows and doors, and reports the status to the Wiser Gateway. It consists of two separate parts: primary part (sensing circuit) and secondary part (magnet). The primary part includes the sensing circuit which 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**
E-number	SE 13 010 84
	FI 26 091 91
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

Dimensions (H × W × D)	Sensor: 50.3 x 33 x 17.1 mm
	Magnet: 50 x 9 x 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

Dimensions (mm)

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

Wiser™

Sensors
Wiser Water Leakage Sensor
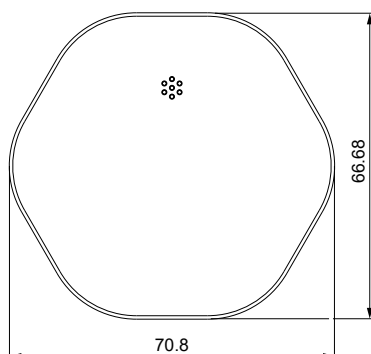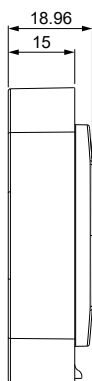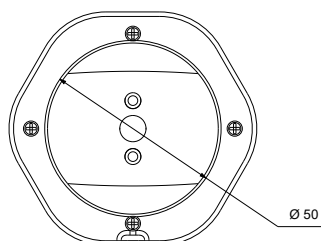
Technical Characteristics

Overview

The water leakage sensor detects the presence of water and alerts 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**
E-number	SE 13 010 85
	FI 26 091 92
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

Dimensions (H × W × D)	70.8 x 68.7 x 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:
Download the Wiser 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 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 on-line system user guide. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_eu/

Wiser™

Sensors
Wiser Motion Sensor

Dimensions (mm)

55

Ø 75

26.6

Wiser

Ø 24.9

Ø 17

Ø 72.7

Technical Characteristics

Overview

The 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**
E-number	SE 13 010 87
	FI 26 091 94
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

Dimensions (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

Note:
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The Wiser 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 on-line system user guide. Scan the QR code or follow the link: https://www.productinfo. schneder-electric.com/ wiser_eu/
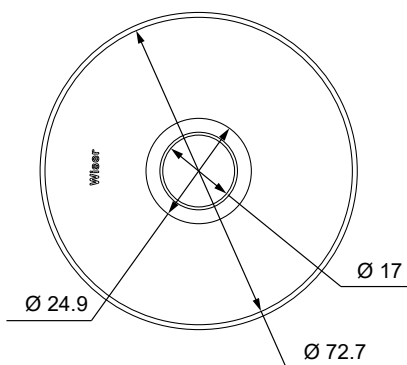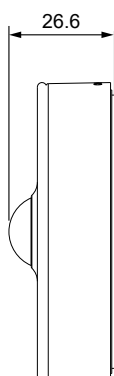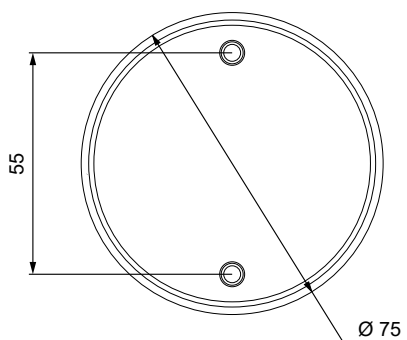
Wiser™

Sensors
Wiser Temperature/Humidity Sensor

Dimensions (mm)
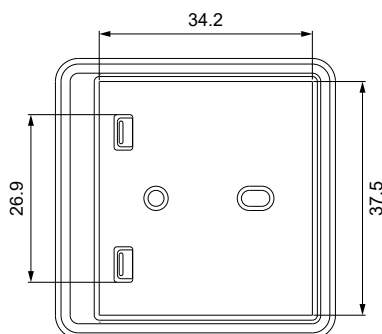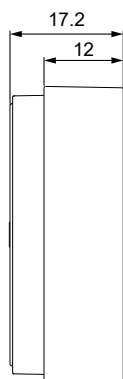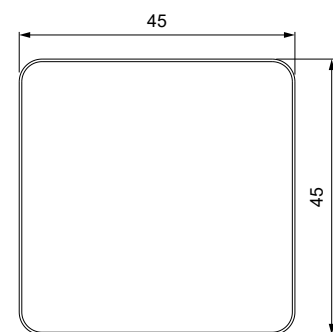
Technical Characteristics

Overview

The 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**
E-number	SE 13 010 86
	FI 26 091 93
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

Dimensions (H × W × D)	45 x 45 x 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:

Download the Wiser 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 on-line system user guide. Scan the QR code or follow the link:
https://www.productinfo.schneider-electric.com/wiser_eu/

Wiser™

Smart Plug
Wiser Smart Plug 16 A

Download
Wiser App
Schneider Electric's connected technology for homes
 App Store Google Play

Dimensions (mm)

Technical Characteristics

Overview

The 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 app.

Main data

Commercial Reference	**CCT711119**
E-number	SE 17 240 05
	FI 24 001 53
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: Maximum 0.5 W
- Fuse protection: 16 A circuit breaker
- Frequency band: 2.4 GHz
- Transmission capacity: Maximum 2.5 mW
- IP degree: IP20
- Operating temperature: 0 °C to 35 °C
- Dimensions (H x W x D): 60 x 60 x 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

Note:
Download the Wiser 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 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 on-line system user guide. Scan the QR code or follow the link: https://www.productinfo.schneider-electric.com/wiser_eu/
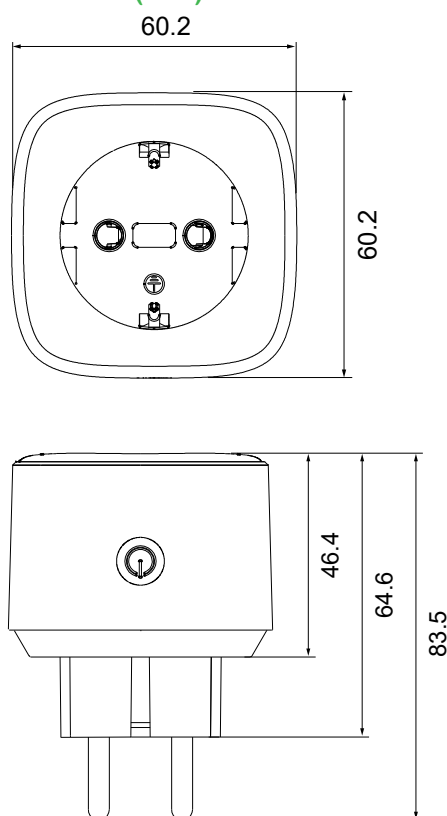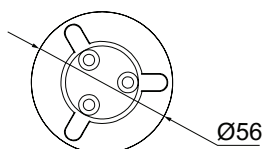
Wiser™

IP Camera
Wiser IP Camera Indoor

Dimensions (mm)

73

134

Ø56
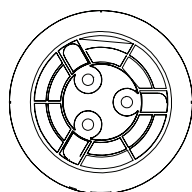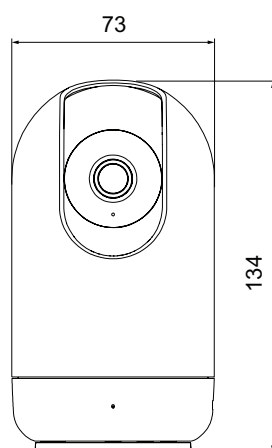
Technical Characteristics

Overview

With the IP camera indoor you can monitor sensitive areas of your home and it 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 IP camera is connected and managed via the Wiser app. The app receives notifications on the mobile phone when something is detected and thus gives full control of what is happening without having to look in the 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
E-number	SE 17 240 06
	FI 71 260 96
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	Maximum 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

Environment

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

Complementary

Dimensions	Ø 56 x 73 x 134 mm
Weight	298 g
Material	Plastic

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 app).
- On detecting motion, sends notifications and snapshots.
- Can be integrated into automations created via Wiser app.

Certification

CE, RoHS

Note:
Download the Wiser 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 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 on-line system user guide. Scan the QR code or follow the link:
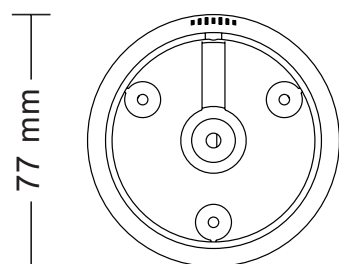https://www.productinfo.schneider-electric.com/wiser_eu/

Wiser™

IP Camera
Wiser IP Camera Outdoor

Technical Characteristics

Overview

With the IP camera outdoor you can monitor areas outside your home. It can be controlled by the Wiser devices with the help of the Wiser Gateway. It can be installed on the wall or ceiling. The IP camera is connected and managed through the Wiser app. The 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 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 E-number	CCT724319 SE 17 240 08 FI 71 260 97
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	Maximum 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

Environment

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

Complementary

Dimensions	149.7 x 77 mm
Weight	220 g
Material	Plastic
Protection class	IP56

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 app.

Certification

CE, RoHS

Dimensions (mm)

149.7 mm

77 mm

Note:

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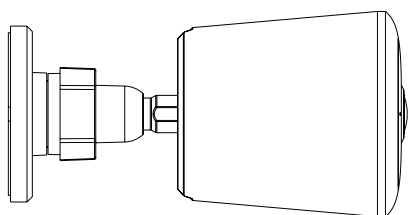
Wiser™

Smoke Alarm
Wiser Smoke Alarm - Battery

Dimensions (mm)
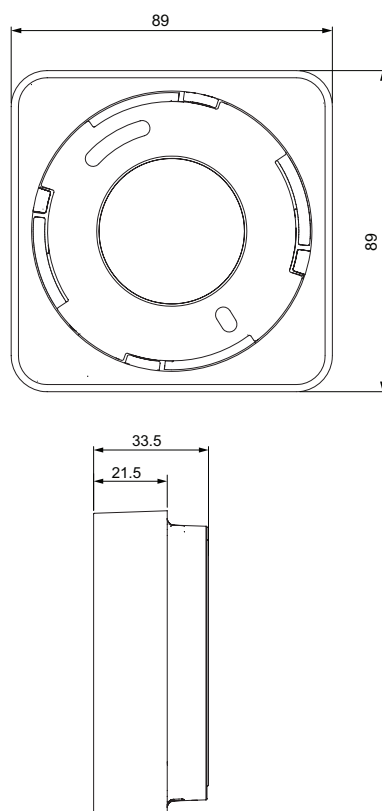
Technical Characteristics

Overview
The smoke alarm 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 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 alarm when cooking etc. An additional temperature sensor still provides basic protection.

Main data

Commercial Reference	**CCT599001**
E-number	SE 63 032 08
	FI 71 260 98
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

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

Complementary

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

Certification

	Zigbee 3.0, CE (EN14604:2005+AC2008)

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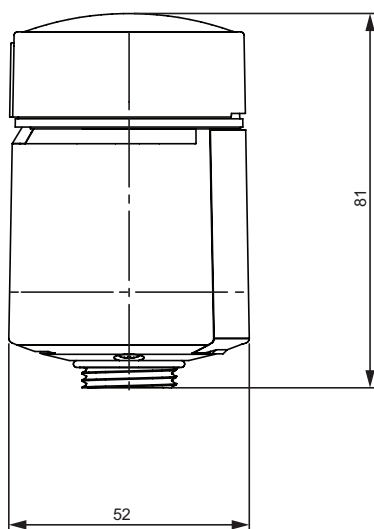https://www.productinfo.schneider-electric.com/wiser_eu/

Wiser™

Radiator Thermostats
Wiser Radiator Thermostat

Dimensions (mm)

Technical Characteristics

Overview

The radiator thermostat allows setting independent schedules such as exact time and temperature for each room separately through the Wiser app. The Wiser radiator thermostat uses integrated temperature sensors to control the flow of water through a radiator, thereby regulating the temperature in a room. The target temperature and switching times are set in the Wiser by SE app.

Main data

Commercial Reference E-Number	**CCTFR6100Z3** SE 17 260 74 FI 26 10 166
Product color	□ White
Product or component type	Radiator Thermostat

Features

Power supply	2 × 1.5 V IEC LR6 (AA) alkaline batteries
Without power supply	Connection data are retained
Battery life	2 years of average expected battery autonomy (depending on battery capacity, condition of use)
Temperature setting range	5 °C to 30 °C
Temperature resolution	0.5 °C
Control accuracy	< 0.8 °C at 4 °C/h
Surface temperature at place of installation	Max. 93 °C
Water temperature	Max. 110 °C, Max. continuous 73 °C
Radio technology / frequency	Zigbee 3.0 - 2.4 GHz (bi-directional, Mesh)
Frequency band	2.4 GHz, bidirectional
Transmission power	Max. 20 mW (13 dBm)
Degree of contamination	2
Radio range	30 m (open field)
Energy class	IV - 2%
Display	3 multi-colored LEDs
Dimensions (H x Ø)	81 × 52 mm (without adaptor)

Environment

IP degree	IP30
Operating temperature	0 °C to 45 °C
Storage temperature	−20 °C to 65 °C
Ambient humidity (non condensing)	Operating: 25% to 90% Storage: 15% to 95%

Installation

Install the batteries first. On installing the batteries, the radiator thermostat moves to the "valve open" position. The radiator thermostat is now ready for installation. This process can be done manually.

Control Options

- **Home control:** To control the radiator thermostat through the Wiser app on your smart phone, you need to pair it to the Wiser Gateway.
- **Direct operation:** The radiator thermostat can always be controlled directly on-site.

Characteristics

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

Note: 1 Danfoss RA adaptor, 1 Danfoss RAV adaptor, 1 Danfoss RAVL adaptor, and one M 30 x 1.5 adaptor provided.

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

Wiser™

Adaptors
Comap Valve Adaptor

Technical Characteristics

Overview	
Comap radiator valve bodies (Ø M 28 x 1.5 mm)	
Main data	
Commercial Reference	**CCTFR6200**
Product color	■ Metallic
Product or component type	Valve adaptor
Product compatibility	Comap
Complementary	
Diameter	M 28 x 1.5 mm

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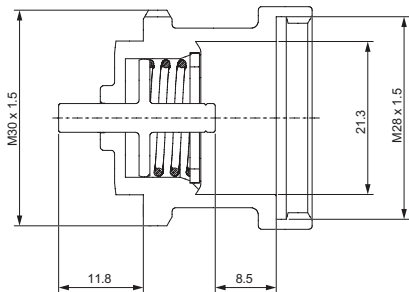
Note:
Download the Wiser app to your smartphone, and install the Wiser Gateway to configure and control Wiser devices. You can use the app to pair, set up and control Wiser devices.
The Wiser app is available in the App stores for smartphones supporting operating systems Android™ OS (version 7 and above)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

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

Wiser™

Adaptors
Giacomini Valve Adaptor

Technical Characteristics

Overview	
Giacomini radiator valve bodies (Ø 22.6 mm)	
Main data	
Commercial Reference	**CCTFR6201**
Product color	■ Metallic
Product or component type	Valve adaptor
Product compatibility	Giacomini
Complementary	
Diameter	22.6 mm

Dimensions (mm)
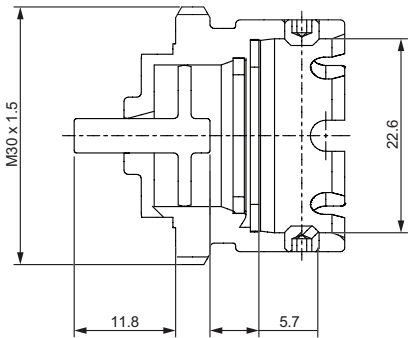
Note:
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Android™ OS (version 7 and above) or Apple® iOS (version 11 and above).

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

Wiser™

PowerTag
PowerTag Energy

PowerTag Energy Monoconnect 63 A Resi9

R9M20

R9M40

R9M41

R9M42

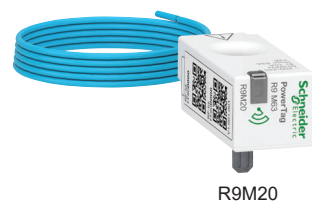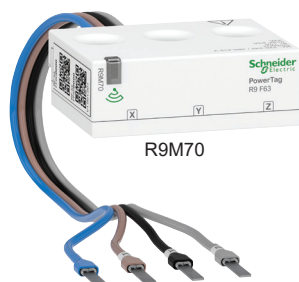PowerTag Energy Flex 63 A Resi9

R9M60

R9M70

Technical Characteristics

Overview

PowerTag Energy is a wireless-communication energy sensor designed for Energy Management, Load Monitoring, and Power Availability applications. Associated with the Wiser Gateway, PowerTag Energy provides a complete wireless class 1 solution to monitor energy at any level of a distribution panel. PowerTag Energy sensor incorporates every feature required to perform accurate real-time energy values up to 63 A. It is used together with Wiser Gateway to collect and process the data and provides circuit monitoring and diagnosis down to load level. PowerTag Energy is easy to install in no time in new or existing panels.

PowerTag Energy Monoconnect 63 A Resi9

PowerTag Energy for Resi9 Monoconnect offers: single-terminal circuit breakers, RCDs and switches with 18 mm pitch between phase and neutral, rating 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 which have a rating 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 E-Number			R9M20 SE 42 628 38 FI 67 680 61	R9M40 SE 42 628 39 FI 67 680 62	R9M41 SE 42 628 40 FI 67 680 63	R9M42 SE 42 628 41 FI 67 680 64	R9M60 SE 42 628 42 FI 67 680 65	R9M70 SE 42 628 43 FI 67 680 66
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	Phase-to-phase	380...415 V AC ± 20 %
	Un	3P+N	Phase-to-neutral	220...240 V AC ± 20 %
			Phase-to-phase	380...415 V AC ± 20 %
Frequency			50 Hz	
Maximum current		Imax	63 A	
Base current		Ib	10 A	
Saturation current			130 A	
Starting current		Ist	40 mA	

Environment

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

Radio-frequency communication

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

Characteristics of measuring functions

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

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

Note:
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The Wiser 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).

Wiser™

Weight		
R9 M63	**Type**	**Weight (g)**
	1P + Wire	16.4
	1P + N	17.5
	3P	28
	3P + N	35
R9 F63	1P + N	16
	3P + N	40

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.

Dimensions (mm)

PowerTag Energy R9 M63
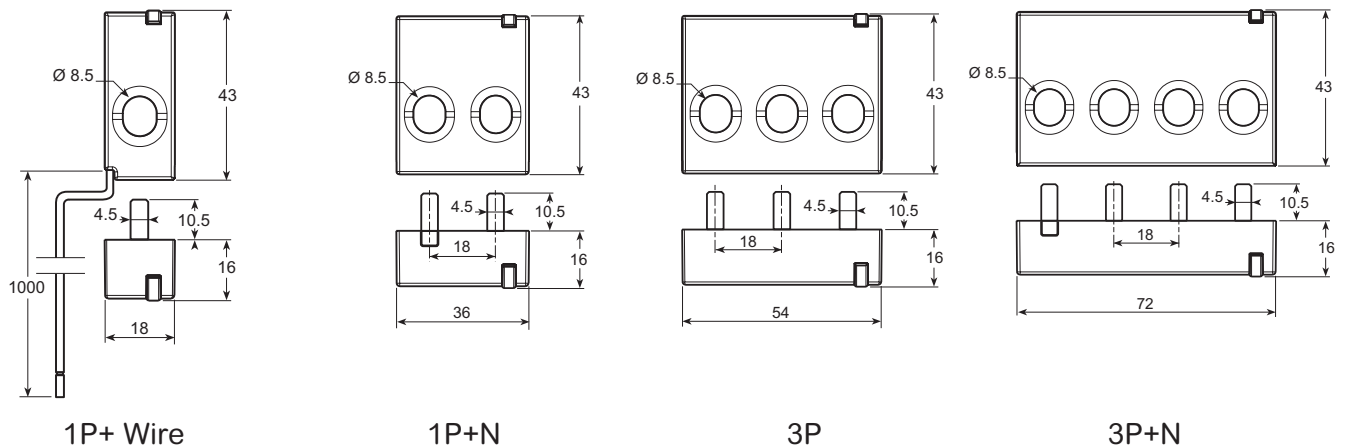
1P+ Wire

1P+N

3P

3P+N

Note:
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The Wiser 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).
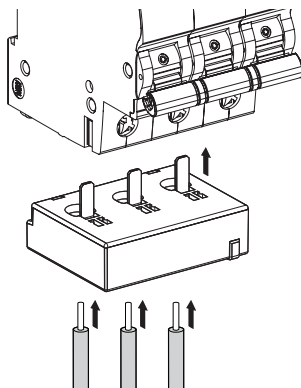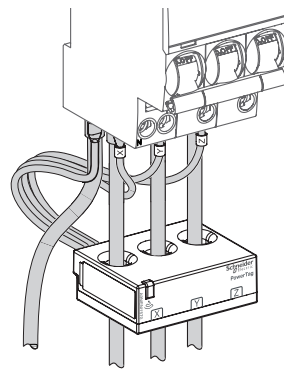
For more detailed
information, refer to the
on-line system user
guide. Scan the QR
code or follow the link:
https://www.productinfo.
schneider-electric.com/
wiser_eu/

Wiser™

Dimensions (mm)

PowerTag Energy R9 F63

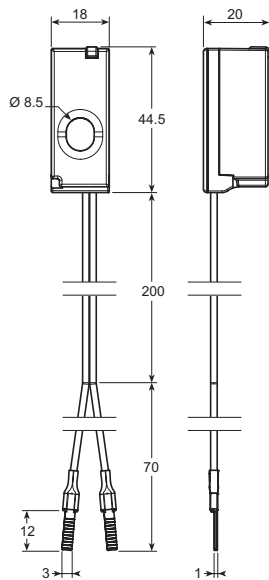
3P+N

Note:

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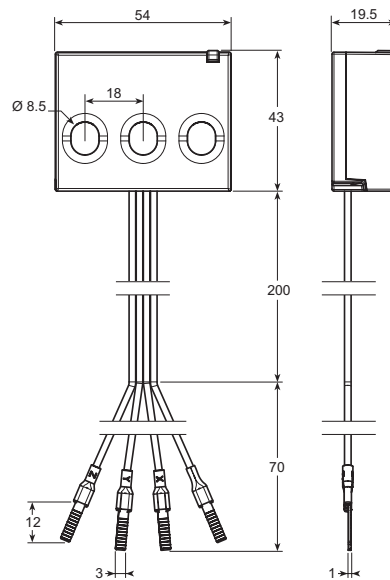
Wiser Exxact™

Wiser™

Exxact™
Switches
Connected Relay Switch 10 A

Technical characteristics

Overview

The connected relay switch 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 app or manually like a standard push button switch. It has an LED indication showing the status of the switch. It can be used as a count-down timer, time switch with scheduling via the app. In addition to this it includes the Astro time switch function.

Main data

Commercial Reference E-number	WDE002348 SE 18 204 23 FI 21 011 49	WDE003348 SE 18 204 24 FI 21 011 50	WDE004348 SE 18 204 25 FI 21 011 51
Product color	▫ White	▪ Anthracite	▪ Metallic
Product or component type	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	C	10 A, 140 µF
Compact fluorsecent lamp or ferromagnetic ballast		200 W
Motor (single-phase) 230 V		1000 VA

Control options

- **Home control:** To control the switch through the Wiser 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
- IP rating: IP21
- Operating temperature: 5 °C to 40 °C
- Certification: Zigbee 3.0

Functions and settings

- Remote control by unlimited number of single mechanical push buttons.

Via Wiser 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).

Dimensions (mm)
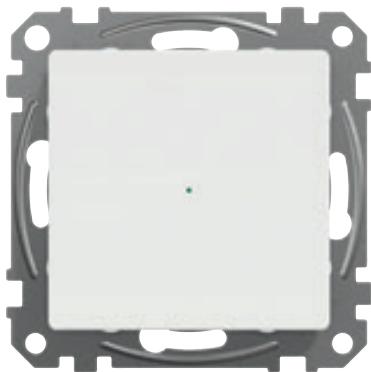
Wiring diagram

Note:

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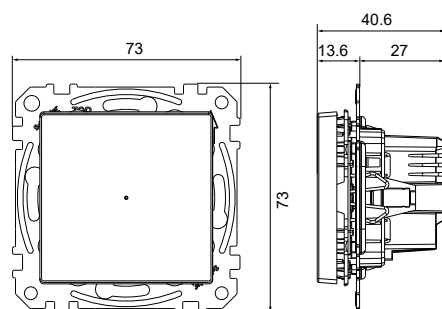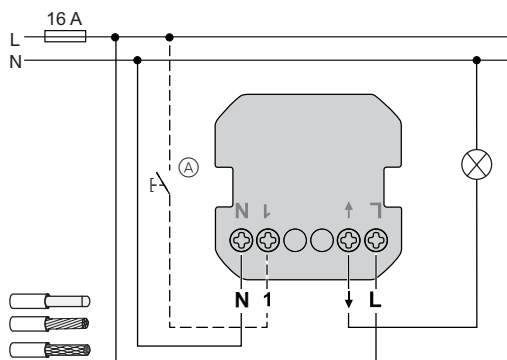
Wiser™

Exxact™
Switches
Connected Blind Control Switch
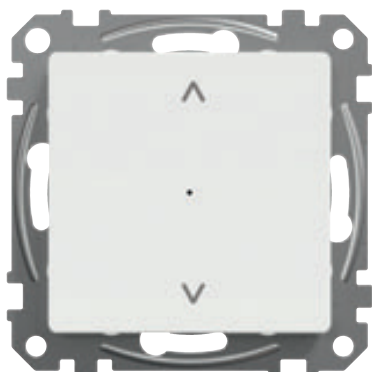
Dimensions (mm)
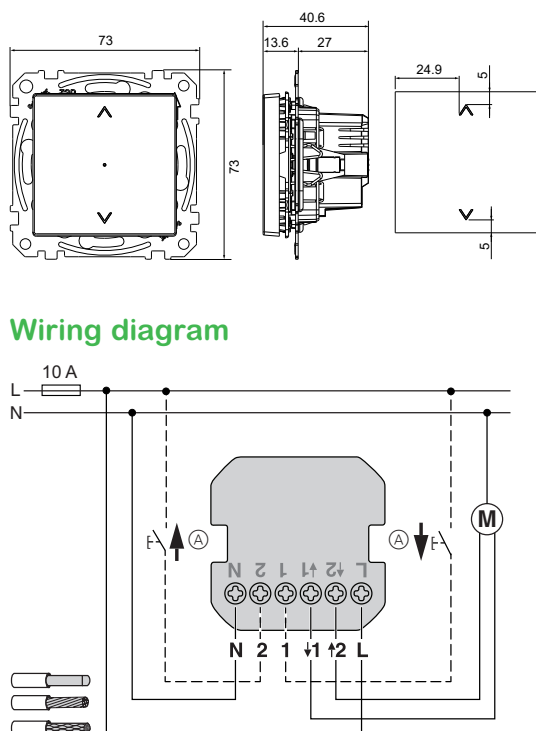
Wiring diagram

Technical characteristics

Overview

The connected blind control switch controls remotely via the 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 manually the blinds by 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 app. Blind and roller shutter motors must be equipped with an end position switch.

Main data

Commercial Reference E-number	WDE002384 SE 18 204 27 FI 21 011 52	WDE003384 SE 18 204 29 FI 21 011 53	WDE004385 SE 18 204 30 FI 21 011 54
Product color	□ White	■ Anthracite	■ Metallic
Product or component type	Switch		

Loads

Motor (single-phase) 230 V		500 VA

Control options

- **Home control**: To control the Wiser blind control switch through the Wiser 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
- IP degree: IP21
- Operating temperature: 5 °C to 40 °C
- Certification: Zigbee 3.0

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.
- Central control of multiple blind groups push buttons.

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

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

Wiser™

Exxact™

Switches
Connected Wireless Switch 1-gang

Dimensions (mm)

70

70

14

Technical Characteristics

Overview

The connected wireless switch 1-gang with 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.
The device can be configured through Wiser app or can be paired with other Wiser devices.

Main data

Commercial Reference E-number	WDE002906 SE 13 606 88 FI 26 221 06	WDE003905 SE 13 607 46 FI 26 221 08	WDE004905 SE 13 607 47 FI 26 221 09
Product colour	▢ White	■ Anthracite	▪ Metallic
Product or component type	Connected Wireless Switch	1-gang rocker	

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 push buttons	One
Transmission range	Indoor in open space: 100 m Indoor with concrete walls: 25 m
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 connected wireless switch 1 gang with push button function through the Wiser app on your smart phone, you need to pair it to the Wiser Gateway.
- **Direct operation:** The connected 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.
- Certification: Zigbee 3.0

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.

***WDE003905** and **WDE004905** are the 1-gang and 2-gang rockers in anthracite and metallic colors for the connected wireless switch. Need to purchase **WDE003905** and **WDE004905** rockers seperately along with **WDE002906** wireless switch**.**
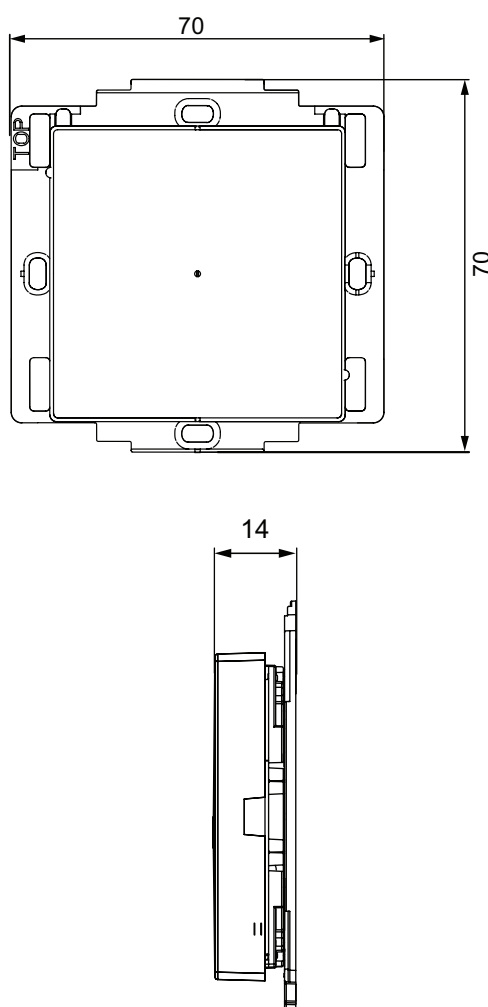
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For more detailed information, refer to the on-line system user guide. Scan the QR code or follow the link: https://www.productinfo. schneider-electric.com/ wiser_eu/

Wiser™

Exxact™
Switches
Connected Wireless Switch 2-gang

Technical Characteristics

Overview

The connected wireless switch 2-gang with 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.
The device can be configured through Wiser app or can be paired with other Wiser devices.

Main data

Commercial Reference E-number	WDE002924 SE 13 606 89 FI 26 221 07	WDE003905 SE 13 607 46 FI 26 221 08	WDE004905 SE 13 607 47 FI 26 221 09
Product colour	□ White	■ Anthracite	■ Metallic
Product or component type	Connected Wireless Switch	1-gang and 2-gang rockers	

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 push buttons	Two
Transmission range	Indoor in open space: 100 m Indoor with concrete walls: 25 m
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 connected wireless switch 2 gang with push button function through the Wiser app on your smart phone, you need to pair it to the Wiser Gateway.
- **Direct operation:** The connected 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.
- Certification: Zigbee 3.0

Complementary

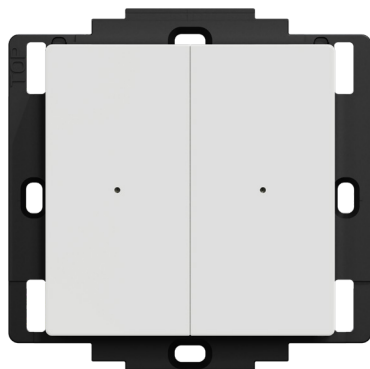|	
Installation	For wall box, wood or wall surfaces, use mounting screws. For glass or plastic surfaces, use adhesive pads or adhesive foil. Do not install the device on a metal surface, as it affects the wireless communication and performance of the device.

*__WDE003905__ and __WDE004905__ are the 1-gang and 2-gang rockers in anthracite and metallic colors for connected wireless switch. Need to purchase **WDE003905** and **WDE004905** rockers seperately along with **WDE002924** wireless switch.
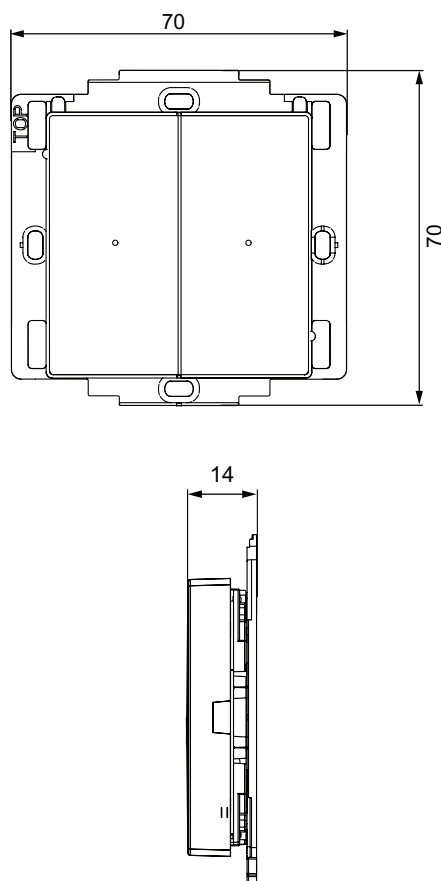
Dimensions (mm)

70

70

14

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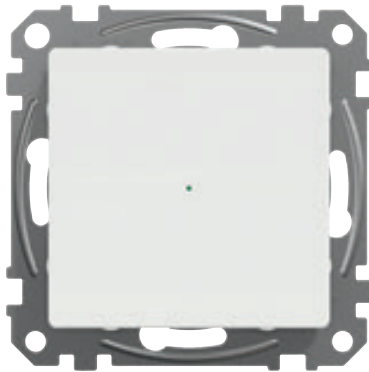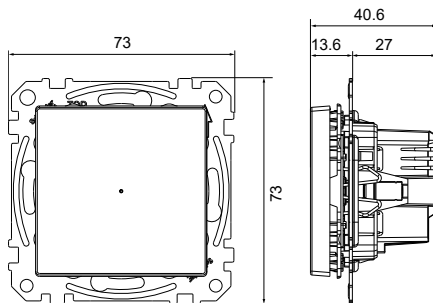https://www.productinfo. schneider-electric.com/ wiser_eu/

58   se.com/wiser

Wiser™

Exxact™
Dimmers
Connected Universal Push-button Dimmer LED

Dimensions (mm)

Wiring diagram

Technical characteristics

Overview

The connected universal push-button dimmer 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 app. The dimmer can also be controlled manually as a traditional push-button dimmer.

Main data

Commercial Reference E-number	WDE002386 SE 13 607 38 FI 26 221 26	WDE003386 SE 13 607 39 FI 26 221 27	WDE004386 SE 13 607 40 FI 26 221 28
Product color	□ White	■ Anthracite	■ Metallic
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 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
- IP degree: IP21
- Operating temperature: 5 °C to 40 °C
- Certification: Zigbee 3.0

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 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.

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

Note:

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The Wiser 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 on-line system user guide. Scan the QR code or follow the link:
https://www.productinfo.
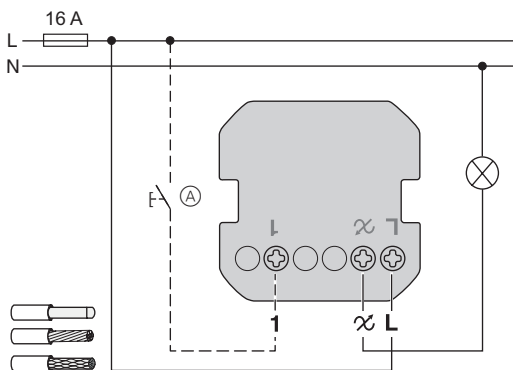schneider-electric.com/
wiser_eu/

Wiser™

Exxact™

Dimmers
Connected Multiwire Universal Push-button Dimmer LED

Technical characteristics

Overview

The connected multiwire universal push-button dimmer 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 app. The dimmer can also be controlled manually as a traditional push button dimmer. It is recommended to connect the neutral wire to the dimmer wherever the neutral is available.

Main data

Commercial Reference E-number		WDE002960 SE 13 607 82 FI 26 221 56	WDE003960 SE 13 607 83 FI 26 221 57	WDE004960 SE 13 607 84 FI 26 221 58
Product color		☐ White	■ Anthracite	▪ Metallic
Product or component type		Dimmer		

Loads			Without neutral	With neutral
LED lamp 230 V		LED	RC [1]: 7...130 W (max. 0.8 A) RL [2]: 7...80 W (max. 0.5 A)	RC [1]: 0...130 W (max. 0.8 A) RL [2]: 0...80 W (max. 0.5 A)
Incandescent lamp 230 V			14...200 W	0...200 W
Halogen lamp 230 V			14...150 W	0...150 W
LV halogen lamp 12 V (electronic transformer)			14...150 VA	0...150 VA
LV halogen lamp 12 V (ferromagnetic transformer)			14...150 VA	0...150 VA

Control options

- **Home control:** To control the dimmer through the Wiser 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 wire connection: Optional / recommended
- Standby consumption: Max. 0.4 W
- Fuse rating: 16 A
- IP degree: IP21
- Operating temperature: 5 °C to 40 °C
- Certification: Zigbee 3.0

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 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.

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

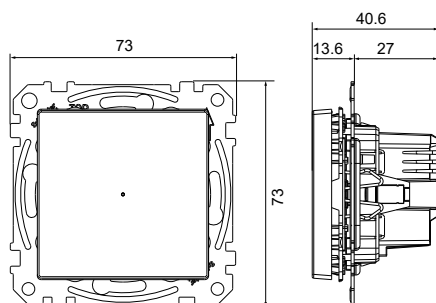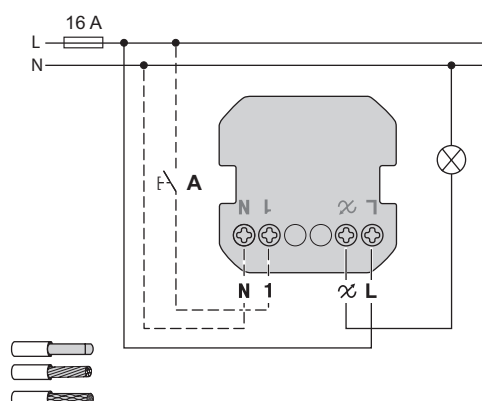## Dimensions (mm)

Wiring diagram

Note:
Download the Wiser 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 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 on-line system user guide. Scan the QR code or follow the link:
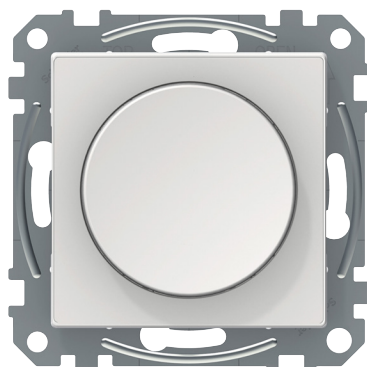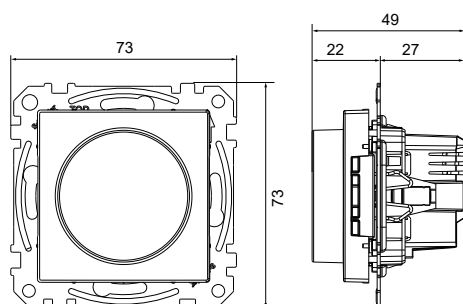https://www.productinfo.schneider-electric.com/wiser_eu/

Wiser™

Exxact™
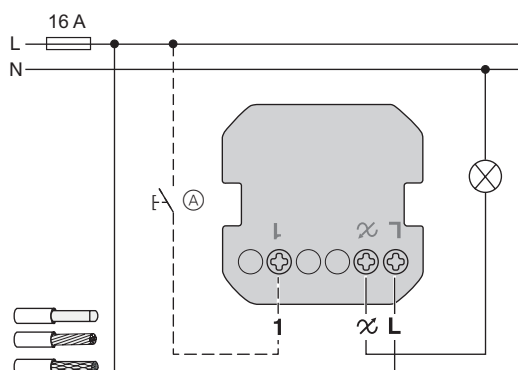## Dimmers
Connected Universal Rotary Dimmer LED

Technical characteristics

Overview

The connected universal rotary dimmer 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 app. The dimmer can also be controlled manually as a traditional rotary dimmer.

Main data

Commercial Reference E-number	WDE002388 SE 13 607 41 FI 26 221 29	WDE003388 SE 13 607 42 FI 26 221 34	WDE004388 SE 13 607 43 FI 26 221 35
Product color	□ White	■ Anthracite	▪ Metallic
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

Control options

- **Home control:** To control the dimmer through the Wiser 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
- Operating temperature: 5 °C to 40 °C
- IP degree: IP21
- Certification: Zigbee 3.0

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 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.

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

Dimensions (mm)

Wiring diagram

Note:

Download the Wiser 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 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 on-line system user guide. Scan the QR code or follow the link: https://www.productinfo. schneider-electric.com/ wiser_eu/
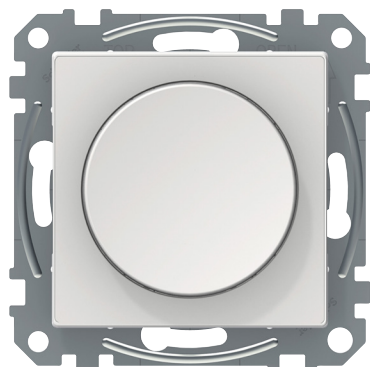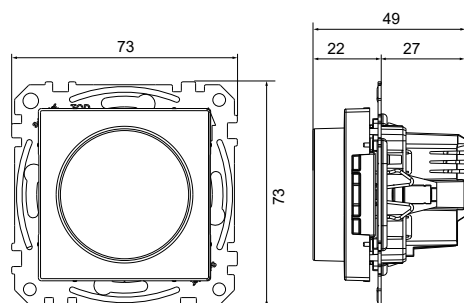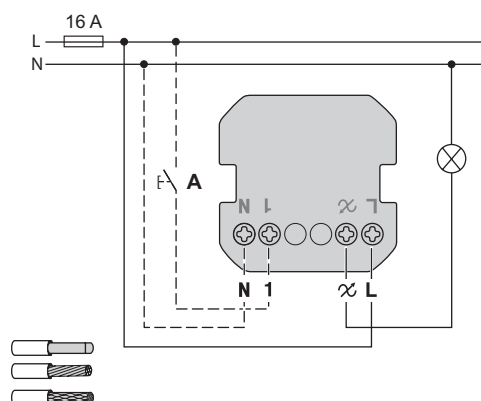
Wiser™

Exxact™
Dimmers
Connected Multiwire Universal Rotary Dimmer LED

Dimensions (mm)

Wiring diagram

Technical characteristics

Overview

The connected multiwire universal rotary dimmer 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 app. The dimmer can also be controlled manually as a traditional rotary dimmer. It is recommended to connect the neutral wire to the dimmer wherever the neutral is available.

Main data

Commercial Reference E-number		WDE002961 SE 13 607 85 FI 26 221 59	WDE003961 SE 13 607 86 FI 26 221 60	WDE004961 SE 13 607 87 FI 26 221 64
Product color		☐ White	■ Anthracite	■ Metallic
Product or component type		Dimmer		

Loads			Without neutral	With neutral
LED lamp 230 V		LED	RC [1]: 7...130 W (max. 0.8 A) RL [2]: 7...80 W (max. 0.5 A)	RC [1]: 0...130 W (max. 0.8 A) RL [2]: 0...80 W (max. 0.5 A)
Incandescent lamp 230 V			14...200 W	0...200 W
Halogen lamp 230 V			14...150 W	0...150 W
LV halogen lamp 12 V	dimmable electronic transformer		14...150 VA	0...150 VA
	dimmable ferromagnetic transformer		14...150 VA	0...150 VA

Control options

- **Home control:** To control the dimmer through the Wiser 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 wire connection: Optional / recommended
- Standby consumption: Max. 0.4 W
- Fuse rating: 16 A
- Operating temperature: 5 °C to 40 °C
- IP degree: IP21
- Certification: Zigbee 3.0

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 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.

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

Note:

Download the Wiser 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 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 on-line system user guide. Scan the QR code or follow the link:
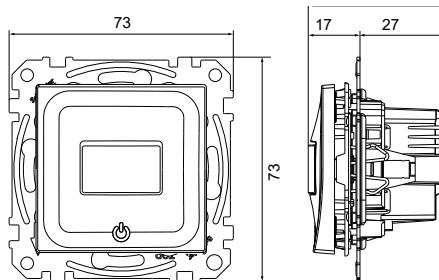https://www.productinfo.schneider-electric.com/wiser_eu/
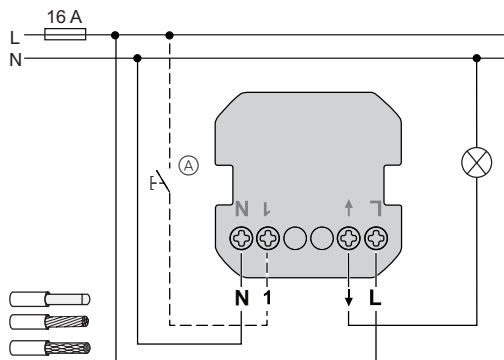
Wiser™

Exxact™
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 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	WDE002367	WDE003367	WDE004367
E-number	SE 13 010 75 FI 26 091 77	SE 13 010 76 FI 26 091 78	SE 13 010 77 FI 26 091 79
Product color	☐ White	■ Anthracite	▨ Metallic
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	C	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 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
- IP degree: IP20
- Operating temperature: 5 °C to 40 °C
- Certification: Zigbee 3.0

Functions and settings

- Automatic mode: Automatic switching ON of 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 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.

Dimensions (mm)

Wiring diagram

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

Note:

Download the Wiser 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 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).

Wiser™

Exxact™
Motion Sensors
Connected Motion Sensor with Universal
Push-button Dimmer LED

Dimensions (mm)

Wiring diagram

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 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 app. When the motion sensor then detects motion, it turns ON the lights to the set light level.

Main data

Commercial Reference E-number	WDE002374 SE 13 010 72 FI 26 091 74	WDE003374 SE 13 010 73 FI 26 091 75	WDE004374 SE 13 010 74 FI 26 091 76
Product color	▢ White	■ Anthracite	■ Metallic
Product or component type	Motion Sensor		

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
LV halogen lamp 12 V — dimmable ferromagnetic transformer		14...150 VA

Control options

- **Home control:** To control the connected motion sensor through the Wiser 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
- IP degree: IP20
- Certification: Zigbee 3.0

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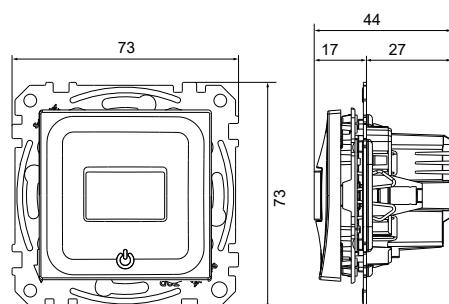- Setting the LED operating mode manually (RL LED mode).
- Setting the detection brightness: 5 to 1000 lux (default setting 50 lux).
- Setting the detection sensitivity: High (default setting), medium or low.
- Setting the overtravel time: 1 second to 30 minutes (default setting 5 minutes).
- Setting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

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

For more detailed information, refer to the on-line system user guide. Scan the QR code or follow the link: https://www.productinfo. schneider-electric.com/ wiser_eu/
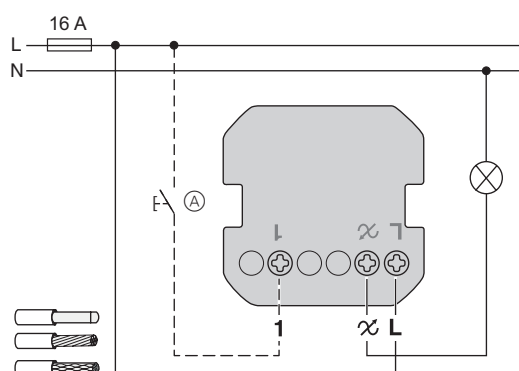
Note:
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The Wiser app is available in the App stores for smartphones supporting operating systems Android™ OS (version 7 and above) or Apple® iOS (version 11 and above).

Wiser™

Exxact™
Motion Sensors
Connected Motion Sensor with Multiwire Universal Push-button Dimmer LED

Dimensions (mm)

73 · 73

44 · 17 · 27

Wiring diagram

16 A
L
N

A

N 1   ⌇ L

Technical characteristics

Overview

The connected motion sensor with dimmer combines the benefits of a motion sensor with an integrated multiwire 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 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 app. When the motion sensor then detects motion, it turns ON the lights to the set light level. It is recommended to connect the neutral wire to the motion sensor wherever the neutral is available.

Main data

Commercial Reference E-number	WDE002962 SE 13 607 89 FI 26 221 68	WDE003962 SE 13 607 90 FI 26 221 69	WDE004962 SE 13 607 91 FI 26 221 70
Product color	▢ White	■ Anthracite	▨ Metallic
Product or component type	Motion Sensor		

Loads		Without neutral	With neutral
LED lamp 230 V	☀ LED	RC [1]: 7...130 W (max. 0.8 A) RL [2]: 7...80 W (max. 0.5 A)	RC [1]: 0...130 W (max. 0.8 A) RL [2]: 0...80 W (max. 0.5 A)
Incandescent lamp 230 V		14...200 W	0...200 W
Halogen lamp 230 V		14...150 W	0...150 W
LV halogen lamp 12 V — dimmable electronic transformer		14...150 W	0...150 W
dimmable ferromagnetic transformer		14...150 VA	0...150 VA

Control options

- **Home control:** To control the Wiser motion sensor through the Wiser 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 wire connection: Optional / recommended
- 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
- IP degree: IP20, Certification: Zigbee 3.0

Functions and settings

- Automatic load detection.
- Automatic mode: Automatic switching on of 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.
- 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 app:
- Setting the switch-on brightness or memory function (default setting).
- Setting the dimming range: minimum and maximum brightness.
- 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 the LED operating mode manually (RL LED mode).
- Setting a timer or a time schedule.
- Test mode.

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

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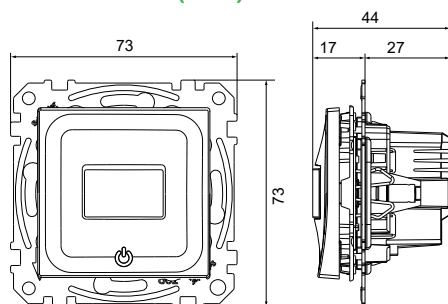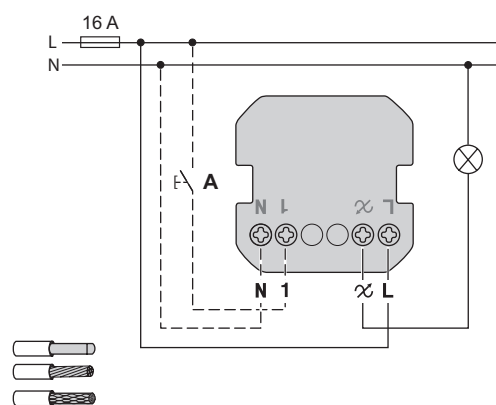https://www.productinfo.schneider-electric.com/wiser_eu/

Note:

Download the Wiser 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 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).

Wiser™

Exxact™
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 E-number	WDE002172 SE 18 204 45 FI 25 190 28	WDE003172 SE 18 204 46 FI 25 190 29	WDE004172 SE 18 204 47 FI 25 190 30
Product color	□ White	■ Anthracite	■ Metallic
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
	ferromagnetic transformer	1500 VA
Motor load		1600 VA, 7 A max
Resistive load		3680 W
Inductive load		16 A, cos φ = 0.6
Capacitive load		6 AX, max 70 µF

Dimensions (mm)

72.7

43.35

31.55

72.7

Wiring diagram

16 A

L
N

12 mm

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.

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
- IP degree: IP20
- Operating temperature: 5°C to + 40°C
- Dimensions (H × W × D): 72.7 x 72.7 x 43.35 mm
- Installation: Flush mounting
- Connecting terminal: Connected terminals for max 2x2.5 mm², 1.2 Nm
- Certification: Zigbee 3.0

Functions and settings

The Smart Single Socket 16 A 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 app.
- Setting a timer or a schedule (via app).
- Monitor and control energy consumption of connected loads with a high level of accuracy (1% for loads > 25 W) via app.
- Creating moments and automation with other Wiser Home products.
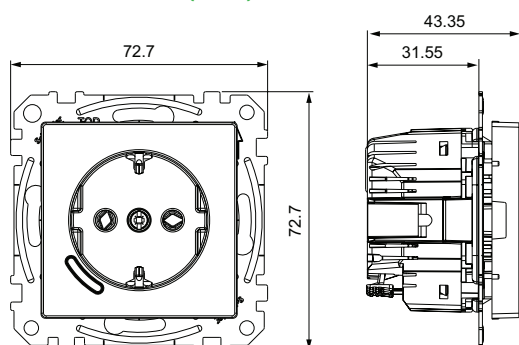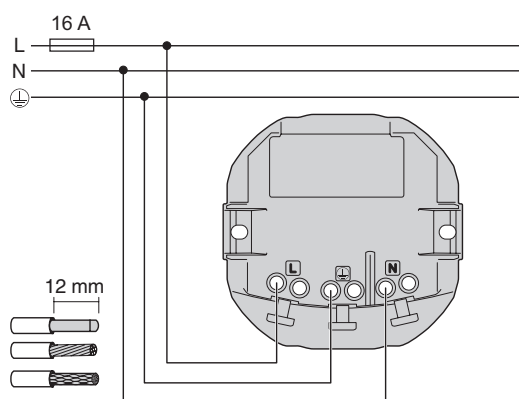
Note:
Download the Wiser app to your smartphone, and install the Wiser Gateway to configure and control Wiser devices. You can use the app to pair, set up and control Wiser devices.
The Wiser app is available in the App stores for smartphones supporting operating systems Android™ OS (version 7 and above) or Apple® iOS (version 11 and above).

For more detailed information, refer to the on-line system user guide. Scan the QR code or follow the link: https://www.productinfo. schneider-electric.com/ wiser_eu/
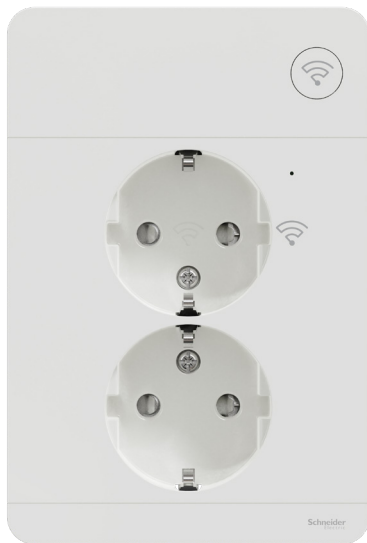
Wiser™

Exxact™

Socket Outlets
Connected Double Socket Outlet 16 A

Technical characteristics

Overview

The connected double socket outlet is a combination of one connected and one regular, non-connected electrical outlet designed to manage and control electrical devices (clear markings and LED indicator help to identify the connected socket). Fully integrated with the Wiser System, the connected socket outlet can be used for a variety of applications including remote ON/OFF, power monitoring with high accruacy (1% accuracy for loads > 25 W), scheduling, automation, timer and much more. The double socket outlet fits in regular depth wall boxes (40 mm) making it convenient to fit in any kind of new or existing installation and the connected socket can be used for controlling electrical devices through the push button on the device, Wiser app or by voice command (Amazon Alexa, Google Home).

Main data

Commercial Reference E-number	WDE002182 SE 18 203 80 FI 25 190 12	WDE003382 SE 18 203 81 FI 25 190 13	WDE004384 SE 18 203 82 FI 25 190 14
Product color	□ White	■ Anthracite	▨ Metallic
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
ferromagnetic transformer		1500 VA
Motor load		1600 VA, 7 A max
Resistive load		3680 W
Inductive load		16 A, cos φ = 0.6
Capacitive load		6 AX, max 70 µF

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
- IP degree: IP20
- Operating temperature: 5°C to + 40°C
- Dimensions (H × W × D): 85 x 126 x 49.7 mm
- Installation: Flush mounting
- Connecting terminal: Connected terminals for max 2x2.5 mm², 1.2 Nm
- Certification: Zigbee 3.0

Dimensions (mm)

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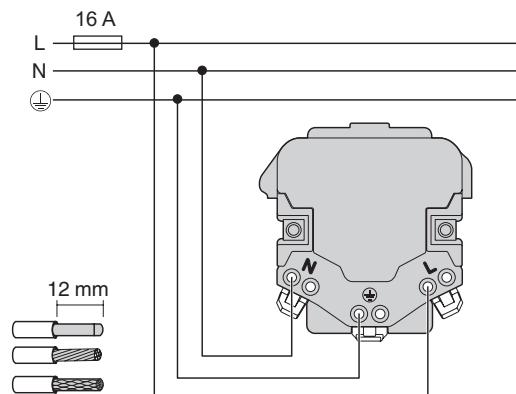
Note:
Download the Wiser app to your smartphone, and install the Wiser Gateway to configure and control Wiser devices. You can use the app to pair, set up and control Wiser devices.
The Wiser app is available in the App stores for smartphones supporting operating systems Android™ OS (version 7 and above)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

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

Wiser™

Exxact™
Accessories
Exxact IP44 Enclosure

Technical Characteristics

Overview

IP44 enclosure that can be used for connected Exxact switches like relay switches and dimmers. With this enclosure the Exxact connected switches and dimmers can be mounted outdoors meeting IP44 requirements. The enclosure can be installed either flush mounted, with use of the supplied gasket, or surface mounted at an Exxact IP44 surface box. The enclosure is IP44 with closed lid and IP20 if the lid is open.

Main data

Commercial Reference E-number	**WDE002463** SE 18 204 19 NO 14 030 15 FI 21 011 31
Product colour	□ White /transparent

Note:
Download the Wiser 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 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 on-line system user guide. Scan the QR code or follow the link: https://www.productinfo. schneider-electric.com/ wiser_eu/

Wiser™

Exxact™

Accessories
Exxact Surface Ceiling Outlet

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Schneider Electric's connected technology for homes

App Store · Google Play

Technical Characteristics

Overview
Luminaire outlet for surface mounting directly at the ceiling or at flush ceiling boxes c/c 70 mm or c/c 78 mm. Inlets for cables or conduits in the bottom or at the sides. Screwless connection. The hook can be removed. The cable to the lamp can go either down or outside. An extra outlet, WDE005021 can be mounted inside the device so two lamps can be connected separately. A Wiser Micro module dimmer (CCT5010-0002), or Wiser Micro module light switch (CCT5011-0002), can be snapped into the device for remote wireless dimming/switching of the connected lamps. Delivered with one outlet, hook and two M4 screws inside.

Main data

Commercial Reference E-number	**WDE005002** SE 18 201 96 NO 15 131 16 FI 11 105 35
Product colour	□ White

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

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*PEP: Product Environmental Profile
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