

Wiser™

Catalog 2023

se.com/wiser

Life Is On

Schneider
Electric



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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: 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



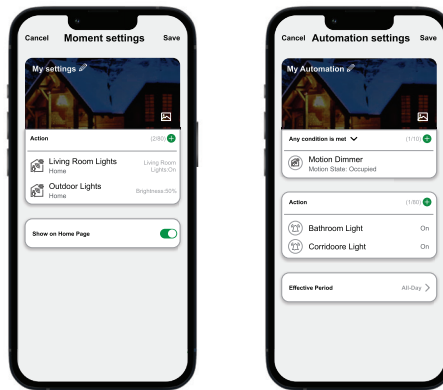
Siri

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 Wiser by SE 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. The system can activate an 'Evening' Moment when the sun sets, a 'Welcome Home' Moment when the front door opens.

You can fully customize the system in a way that suits the customer's 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 Home Kit, they can command their Wiser connected home system through their preferred device.





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



USES FOR WISER

Voice control for the home

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

Always ensure the perfect atmosphere

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

Now showing...in their living room

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

Creature comforts

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



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.



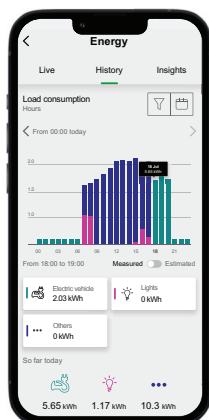
Smart energy saving

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.

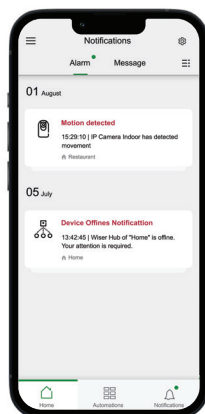
You can integrate sensors to monitor several security parameters including door/window opening, motion, water leakage detection, and indoor IP cameras.

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

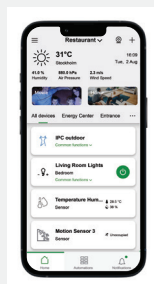
For larger or repetitive projects, use the eConfigure Wiser and eSetup software and Wiser by SE app package. It's been developed for professionals working on multi-dwelling or multi-project installations. These tools enable you to create templates and copy-paste them across your projects, including device 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

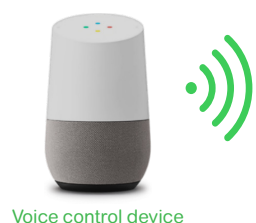


5. Generate a one-time code to be shared with your customer for hand-over

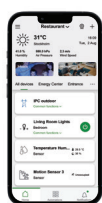


A water leakage sensor
saves your customer
from a potentially
expensive problem.

Offer a wide range of possibilities



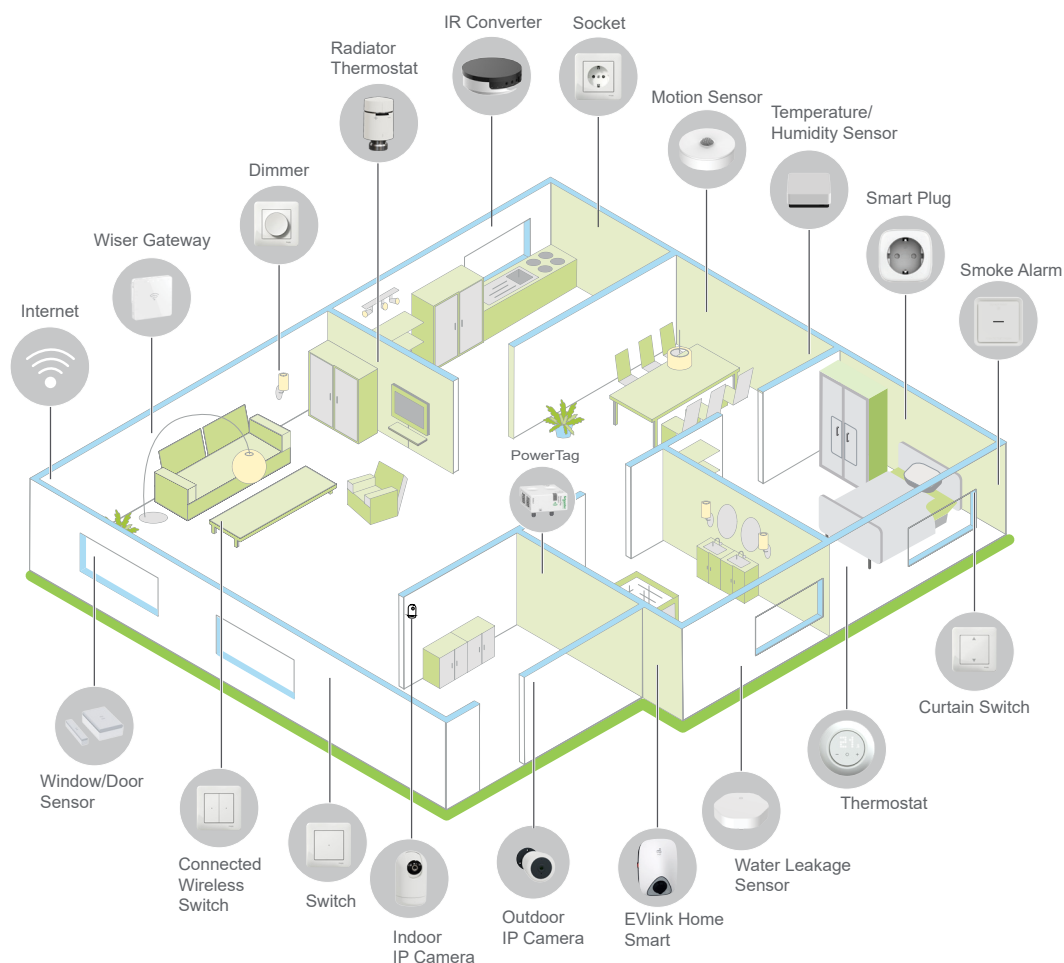
Voice control device



Wiser by SE app



Connected wireless switch



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 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, heating, 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, shutters, and temperature with a simple tap or swipe.

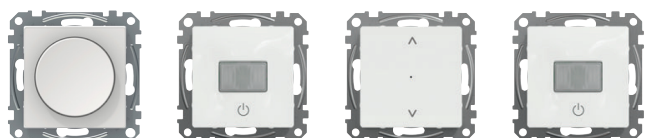
Personalized

Offer a wide range of designs.



Functional

Provide a complete range of functions with Exxact connected devices.

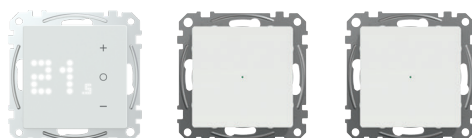


Connected
Universal
Rotary Dimmer
LED

Connected
Motion Sensor
with Dimmer

Connected
Blind Control
Switch

Connected
Motion Sensor
with Switch



Connected
Thermostat
Room/Floor
16 A

Connected
Relay Switch
10 A

Connected
Universal
Push-Button
Dimmer LED

Flexible

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



Wiser Micro
Module Light
Switch

Wiser Micro
Module
Dimmer

Wiser Micro
Module Shades
Control



INSTALLATIONS TIPS:

1. For Dimmers, it's two-wire or three-wire installation. For Relay Switch it's three-wire installation (along with neutral).
2. For a conventional lighting circuit with two 2-way switches, only one needs to be connected.



SELLING TIPS:

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

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

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

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



Wiser Window/Door Sensor

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



Wiser Motion Sensor

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



Wiser Water Leakage Sensor

When detecting 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.



Connected Socket Outlets

Fully compatible with the Wiser system, the Single and Double 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.



Wiser IP Cameras

Easily installed on the wall or ceiling, the Wiser IP Camera Indoor and Outdoor 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

The Connected 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.



Radiator Thermostat

The Wiser Radiator Thermostat allows effortless control to set different schedules and temperatures in different rooms via Wiser by SE app.



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.

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



Keep a close eye on energy consumption

Reduce your energy bills and live more sustainably

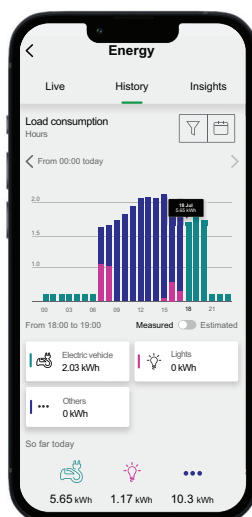
PowerTag Energy provides you an in-depth visibility of your energy consumption so you can use energy better and more efficiently. With energy costs on the rise, knowing how you use energy is key to optimizing your bills.

With a single PowerTag Energy at home you can get:

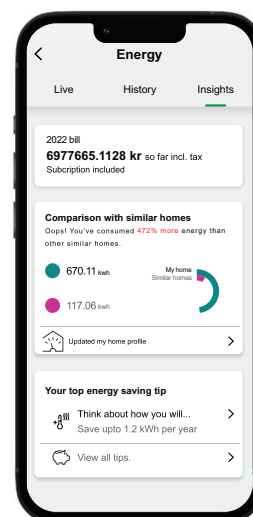
- Energy consumption view of the entire house and at the load level (thanks to disaggregation technology)
- Real-time consumption view of the entire house (thanks to PowerTag Energy)
- Personalized energy insights (similar homes comparison and energy saving tips based on user's home profile)
- Notified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



Power flow (kW) and Energy consumption (kWh)



Energy consumption history and the breakdown by loads (day/month/year)



Energy bill, similar home comparison and energy saving tips

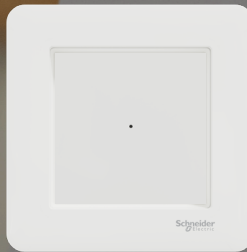
*Insights to be activated 1 month after the PowerTag installation.

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

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

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

Quick Home Connect can be upgraded to our complete Wiser™ Smart Home Solution. Simply add the Wiser Gateway and download the Wiser by SE app.



Connected home technology to empower simplified, stylish living with automation

Quick Home Connect Kits are one of our most popular, stylish, and connected solutions. It facilitates binding a wireless switch to the existing range, creating a seamless room control experience. Even better, this versatile wiring solution does not require a gateway or an app. It is suitable for every kind of home, from basic apartments to luxurious spaces.

With our wireless Exxact Quick Home Connect, you can enjoy personalized benefits such as:

- **Convenience:** An additional switch to control the same lights from two places
- **Easy installation:** An additional switch next to your bed without pulling in wires/wall boxes

A great fit for renovation projects, it is easy to use as it can be paired with your home's smart devices in just five clicks.

It also comes with a complete kit to start your "My Smart Home" journey.

Connected Thermostat Room/Floor 16 A along with the Wiser by SE app gives your room heating the flexibility you desire:

- scheduled room temperature
- heating control from wherever you are

And even more:

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

Connected Thermostat Room/Floor 16 A can also be controlled from Alexa and Google virtual assistants.



Improved comfort, sustainability, and savings

Heating is controlled by connected thermostat

With the connected thermostat, you can control water-based and electrical heating systems.

The thermostat can be a part of a Wiser Smart Home system linked to the Wiser Gateway for centralized control of several Wiser thermostats and other Wiser devices.

Heating, easy scheduling, and remote control are all possible using the connected thermostat.

Move from non-connected systems to smart heating control with the Wiser by SE app.

Key Benefits of using connected thermostat:

- Complete temperature control through the Wiser by SE app with integrated smart features to help heating become more sustainable and reduce energy bills.
- Simple installation process guided by the Wiser by SE app for the end user and the installer in commissioning. No internet connection is required, thanks to the local display and pre-set.
- Aesthetic harmony with the wiring device ranges meeting our modern thermostat design.



eMobility Solutions

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

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

eMobility Solutions

Smart End-to-End Solution

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

EVlink Home Smart provides homeowners with an easy and smart charging experience.

Charge at the right time, with the option to prioritize renewable power charging to optimize consumption, avoid power overruns and reduce your carbon footprint.



EVlink Home Smart

Wall-mounted charging station

Convenient, compliant, and appealing design:

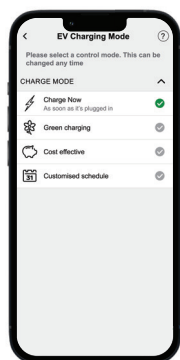
- A full range of products: T2/T2S socket, with or without attached cable, 3 power ranges available
- Built-in internal protection: RDC-DD 6 mA filter
- Communication protocol OCPP1.6J
- User-friendly LED status indicator



Anti-tripping System

Power load management

- Continuously adapt the power supplied to charge the car taking home consumption into account
- No need for additional communication cable (Power line communication)



Wiser by SE app

Connected technology

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

eMobility Solutions

Smart End-to-End Solution



Peace of mind

No disruption of your lifestyle and keep your installation running



Fast

Speed-up your charging duration



Sustainable

Manage your energy consumption with ease and switch to renewable sources



Cost efficient

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

Customer benefits



►► For the homeowner:

- Appealing offer
- Energy consumption and carbon footprint reduction
- Company car reimbursement management



►► For home builders:

- Competitive and certified offer
- Benefit of Schneider Electric's reputation network of certified partners



►► For electricians:

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



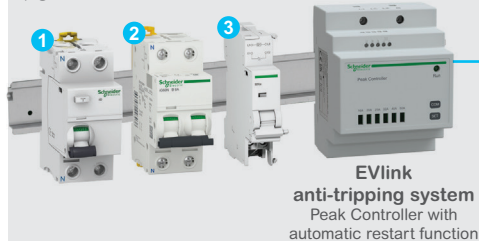
►► For distributors:

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

Smart Charging End-to-End Solution

Protect the charger and the electrical installation

Upgrade the LV cabinet



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



Commission easily with eSetup

Charge your EV



EVlink Home Smart
Certification: CE 61851-1 ed 3.0

Make the most of your charger



Wiser



Home Internet Network



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

Power: from 3.7 to 11 kW

T2/T2S socket, or 5 m attached cable







eSetup app to commission Wiser

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

System configuration



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

eSetup is a free, dedicated commissioning app for electricians

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



Other features of the eSetup app:

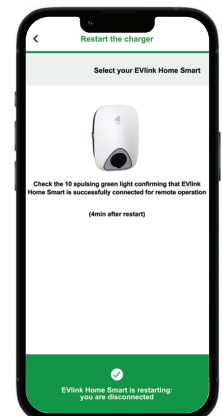
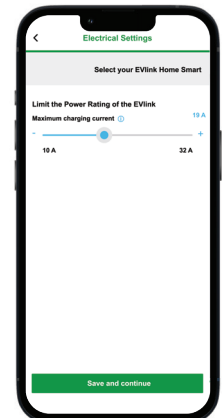
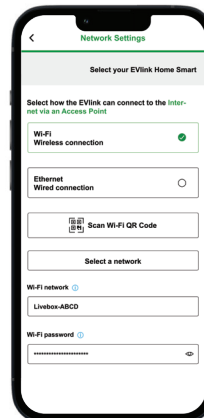
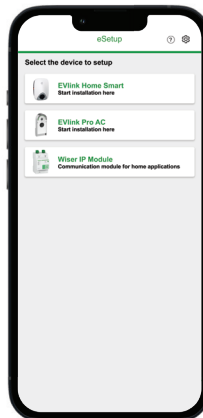
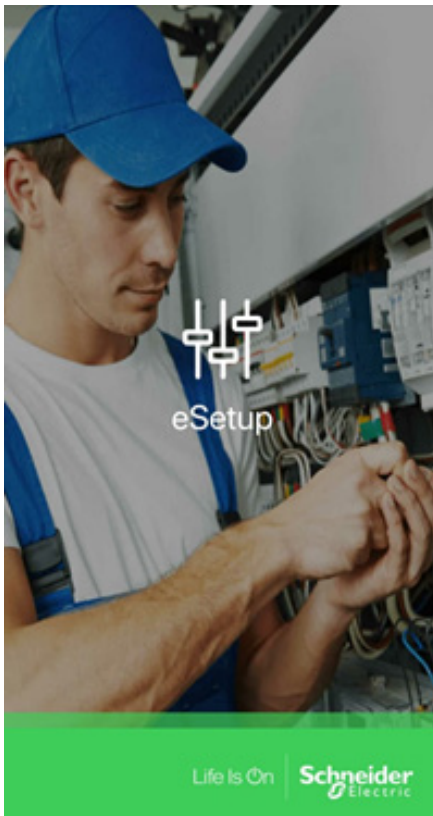
- Simple interface, in-app guidance and support
- Complete Wisser installation possible in demo mode with device simulations
- Test the devices
- Generate a commissioning report and share it with your customers
- Template-save a configuration and reuse later (time saving)
- Add devices directly by scanning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

Download the eSetup app



Step by step configuration

Connect your Wisser devices to the mains, open the eSetup app and let it guide you through the configuration process.





New smart home
solutions, same high
reliability and quality

Connected solutions backed by expert support



Robust connectivity

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

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

High-level protection

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

Expert support

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

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

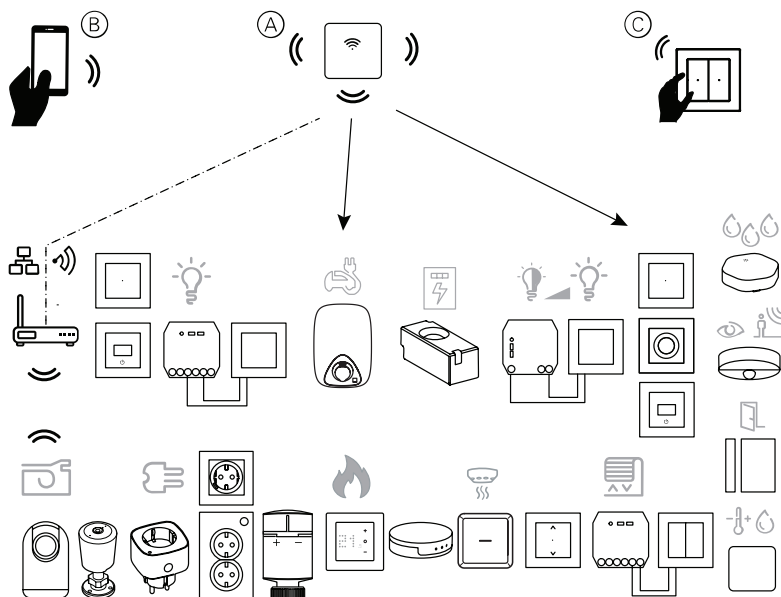
Approved Installer
for Wiser™

Schneider
Electric

Wiser™



System Overview



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

Wiser Gateway

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

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

Devices

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

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

Sensors are also available to record and report the following:

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

Note:

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

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



Gateway

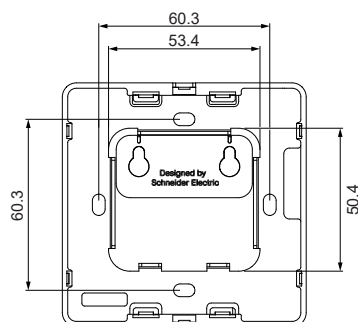
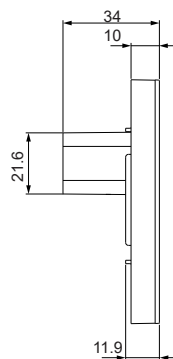
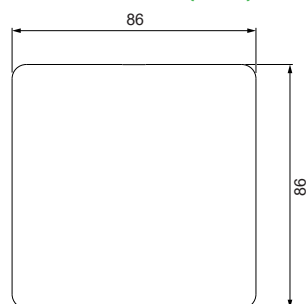
Wiser Gateway



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Dimensions (mm)



Technical Characteristics

Overview

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

Main data

Commercial Reference	CCT501901
E-number	SE 17 240 04 FI 26 221 18
Product colour	<input type="checkbox"/> White
Product or component type	Zigbee to IP network hub
Features	
Power supply	AC adaptor (included) or 12 V DC/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 mm ² to 1.50 mm ²
Nominal power for AC adaptor	100-240 V AC, 50/60 Hz
Communication interface	Ethernet - IEEE802.3, 10/100 base-T (LAN) Wi-Fi® - 2.4 GHz, IEEE802.11 b/g/n Zigbee - 2.4 GHz, IEEE802.15.4
System clock	RTC function with coin battery (CR1220)

Functions

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

Environment

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

Complementary

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

Certification

	Zigbee 3.0
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Note:

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



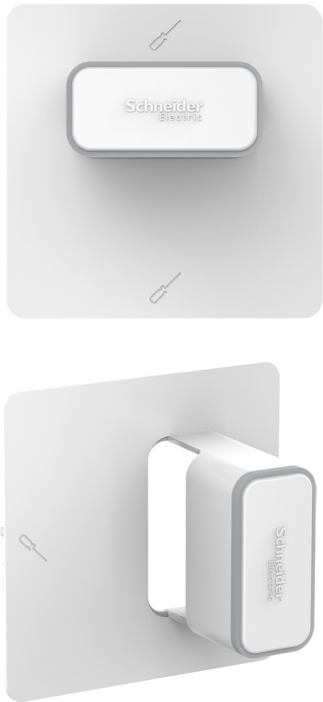
Tablestand

Tablestand for Wiser Hub/Gateway


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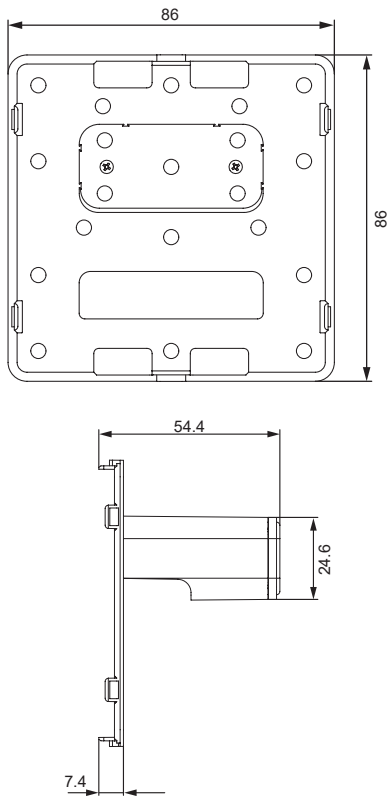




Technical Characteristics

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	
Dimension (H × W × D)	86 × 54.6 × 86 mm

Dimensions (mm)



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

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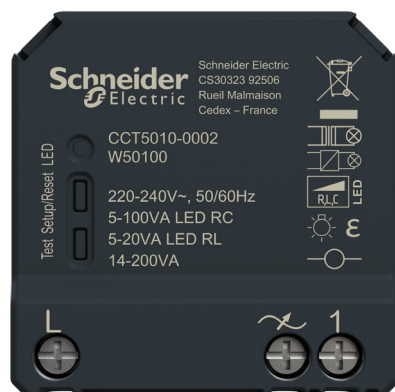


Micro Modules

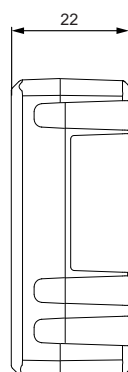
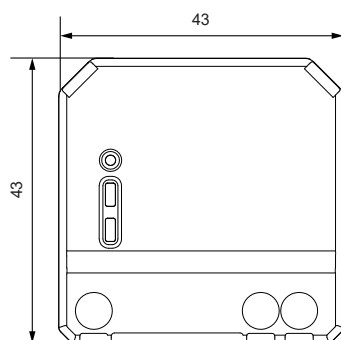
Wiser Micro Module Dimmer



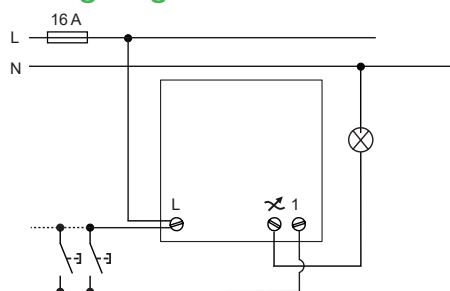
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Dimensions (mm)



Wiring diagram

**Note:**

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

Technical Characteristics

Overview

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

Main data

Commercial Reference	CCT5010-0002
E-number	SE 13 607 44 FI 26 221 20
Product color	■ Dark grey
Product or component type	Micro Module Dimmer

Loads

LED lamp 230 V		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		14...200 VA
dimmmable electronic transformer		14...150 VA
dimmmable ferromagnetic transformer		14...150 VA

Control options

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

Characteristics

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

Functions and settings

- Automatic load detection
- Brightness memory function
- Soft start, soft stop
- Electronic overload protection, overheating protection, short-circuit protection
- Remote control by a max. of 10 single mechanical push buttons
- Neutral conductor not required

Via Wiser by SE app:

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

Complementary

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

Certification

Zigbee 3.0

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

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

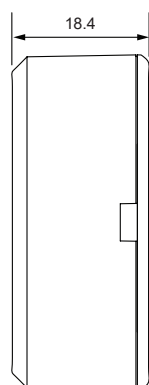
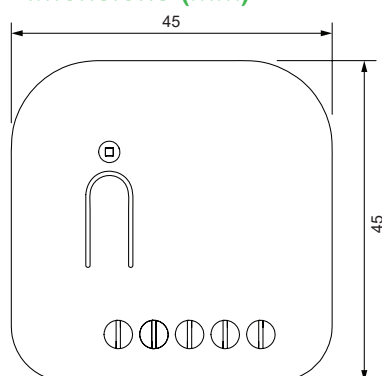


Micro Modules

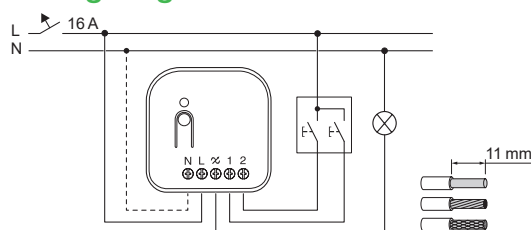
Wiser Multiwire Micro Module LED Dimmer



Dimensions (mm)



Wiring diagram



Note:

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

Technical Characteristics

Overview

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

Main data

Commercial Reference	CCT5010-0003
E-number	SE 13 609 38 FI 26 099 58
Product color	■ Green
Product or component type	Micro Module Dimmer

Loads		Without neutral	With neutral
LED lamp 230 V		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 dimmable electronic lamps transformer		14...150 VA	0...150 VA

Control options

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

Characteristics

- Nominal voltage: 220-240 V AC, 50/60 Hz
- 1 Dimming channel
- Neutral conductor required
- Standby consumption: Max. 0.4 W
- Extension connection: Max. 10 mechanical push buttons
- Length of all cable sections: Max. 50 m for 3-wire NYM cable
- Operating frequency: 2405 - 2480 MHz
- Fuse protection: 16 A circuit breaker
- Max. radio frequency power transmitted: <10 mW

Environment

IP rating	IP20
Operating Temperature	-5 °C to 35 °C

Functions and settings

- Automatic load detection
- Brightness memory function
- Soft start, soft stop
- Electronic overload protection, overheating protection, short-circuit protection
- Remote control by a max. of 10 single mechanical push buttons
- Neutral conductor not required

Via Wiser by SE app:

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

Complementary

Dimension (H × W × D)	45 × 45 × 18.4 mm
Installation	Mounting in wall box with a minimum depth of 26 mm - If you place the Micro module behind a mechanical push button, use a deep installation box.

Certification

Zigbee 3.0

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

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
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Micro Modules

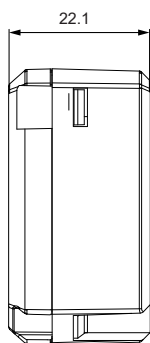
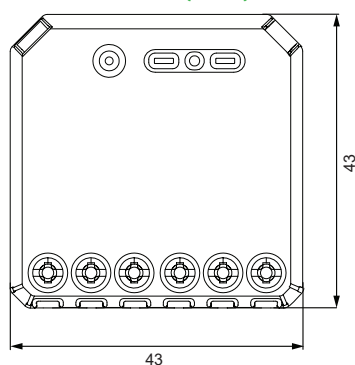
Wiser Micro Module Light Switch



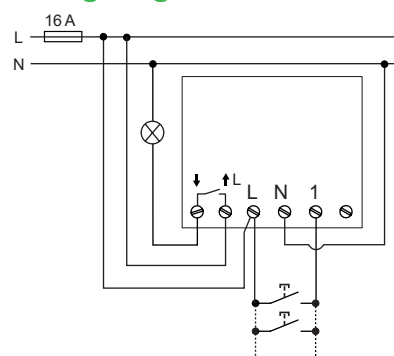
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Dimensions (mm)



Wiring diagram

**Note:**

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

Technical Characteristics

Overview

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

Main data

Commercial Reference	CCT5011-0002
E-number	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
Room heater		1500 W
Electric boiler		2000 W

Control options

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

Characteristics

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

Functions and settings

- Remote control by a max. of 10 single mechanical push buttons
- Integrated push button for the functional test

Via Wiser by SE app:

- Setting a timer or a time schedule

Complementary

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

Certification

Zigbee 3.0

For more detailed
information, refer to the
Wiser Guides online.
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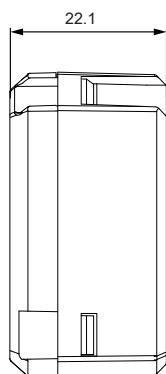
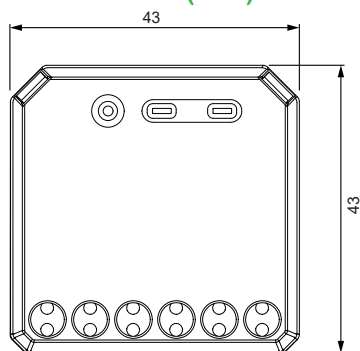


Micro Modules

Wiser Micro Module Shades Control



Dimensions (mm)



Technical Characteristics

Overview

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

Main data

Commercial Reference	CCT5015-0002
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
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Control options

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

Characteristics

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

Functions and settings

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

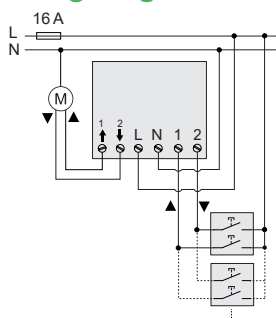
Complementary

Dimension (H 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.

Certification

Zigbee 3.0

Wiring diagram



Note:

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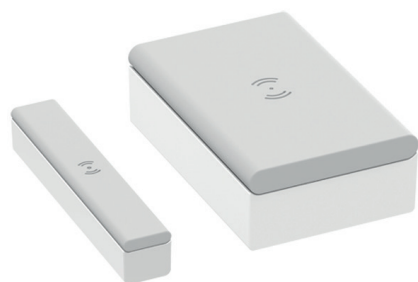


Sensors

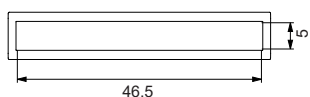
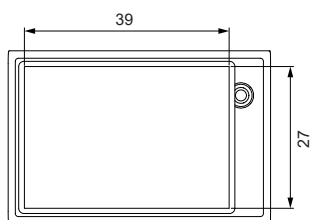
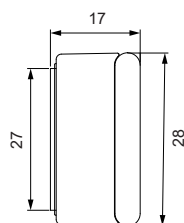
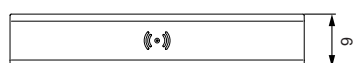
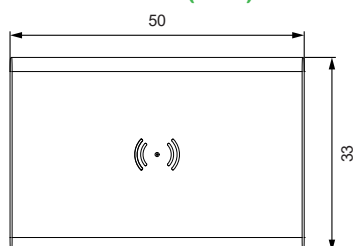
Wiser Window/Door Sensor



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Dimensions (mm)



Technical Characteristics

Overview

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

Main data

Commercial Reference	CCT591011
E-number	SE 13 010 84 FI 26 091 91
Product colour	<input type="checkbox"/> White
Product or component type	Sensors

Features

Operating voltage	3 V DC (1 lithium button cell battery CR 2450)
Battery life	Up to 5 years (may vary based on the usage, frequency of firmware update and environment)

Environment

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

Complementary

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

Certification

	Zigbee 3.0
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Note:

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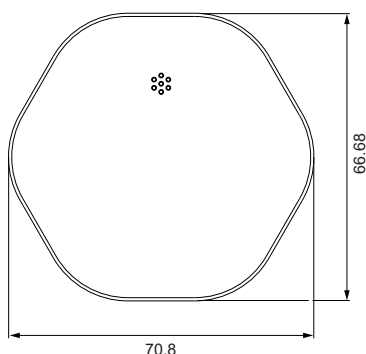
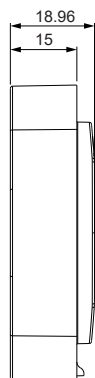
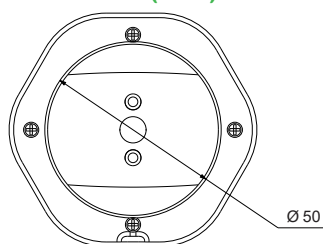


Sensors

Wiser Water Leakage Sensor



Dimensions (mm)



Technical Characteristics

Overview

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

Main data

Commercial Reference	CCT592011
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

Dimension (H × W × D)	70.8 × 68.7 × 19 mm
Installation	In the area of detection with the water sensor facing downwards
Content	2 batteries (pre-inserted)

Certification

	Zigbee 3.0
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Note:

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Sensors

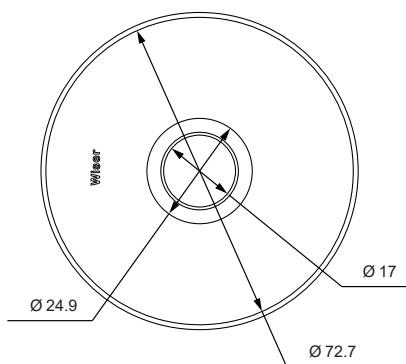
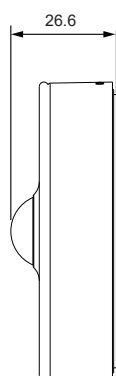
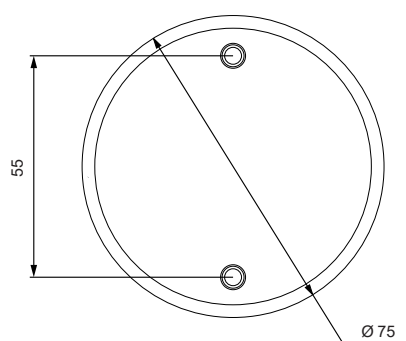
Wiser Motion Sensor



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Dimensions (mm)



Technical Characteristics

Overview

The Wiser Motion Sensor detects movement and measures luminance in a room, and reports the status to the Wiser Gateway. It controls Wiser devices to configure the room for a desired effect. The threshold of luminance settings and/or detection of movement can be programmed to determine what action to be taken at that moment, for example, switch on a lamp controlled by a Wiser switch or dimmer.

Main data

Commercial Reference	CCT595011
E-number	SE 13 010 87 FI 26 091 94
Product colour	<input type="checkbox"/> White
Product or component type	Sensors

Features

Operating voltage	3 V DC (2 batteries LR03 AAA)
Battery life	Up to 5 years (may vary based on the usage, frequency of firmware update and environment)
Lux measurement range	0 lx to 2000 lx
Lux resolution	1 lx

Environment

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

Complementary

Dimension (H × W × D)	Ø 75.0 × 26.6 mm
Installation	Surface-mounting, with screws or adhesive pads, on a ceiling or a wall
Ceiling mounting	At 2.5 m Detection angle: 360° Detection range: 4 m diameter max.
Wall mounting	At 1.2 m Detection angle: 90° to 110° horizontal and vertical Detection range: 5 m in radius max.
Content	2 batteries (pre-inserted), mounting base plate, double-sided adhesive pads, 2 screws, 2 wall plugs, instruction sheet.

Certification

	Zigbee 3.0
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Note:

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Wiser Guides online.
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follow the link:
https://www.productinfo.schneider-electric.com/wiser_eu/

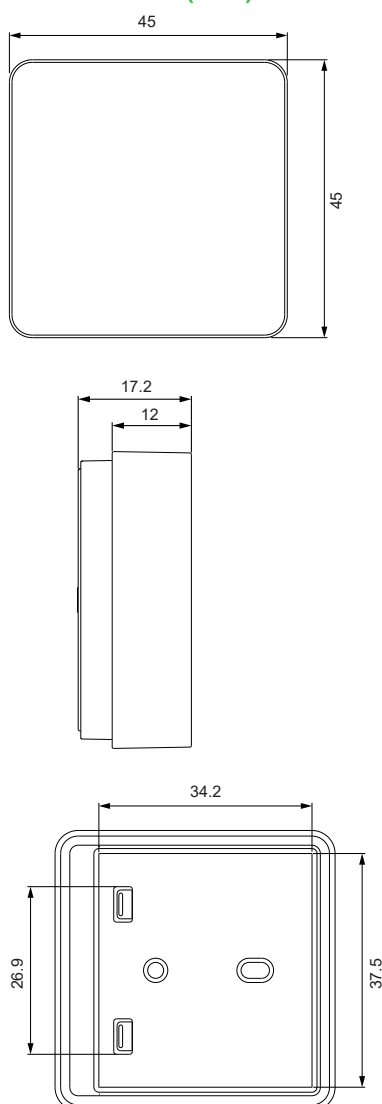


Sensors

Wiser Temperature/Humidity Sensor



Dimensions (mm)



Technical Characteristics

Overview

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

Main data

Commercial Reference	CCT593011
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

Dimension (H × W × D)	45 × 45 × 17.2 mm
Installation	Surface-mounting, with screws or adhesive pads
Content	Battery (pre-inserted), mounting base plate, double-sided adhesive pads, 2 screws, 2 wall plugs, instruction sheet.

Certification

	Zigbee 3.0
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Note:

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

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



Smart Plug

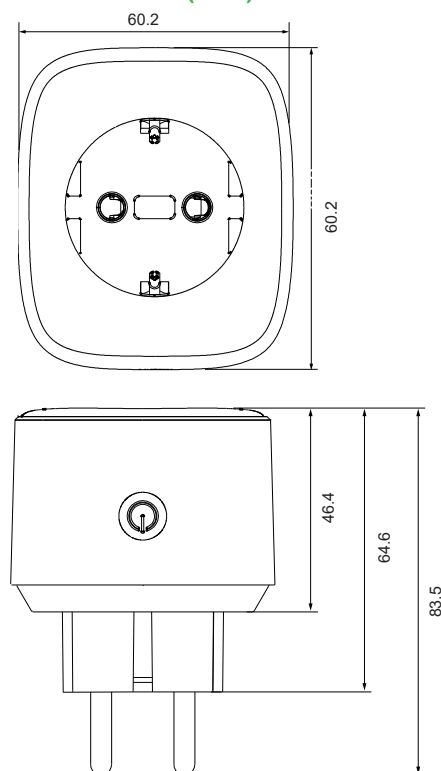
Wiser Smart Plug 16 A



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Dimensions (mm)



Technical Characteristics

Overview

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

Main data

Commercial Reference	CCT711119
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: Max. 0.5 W
- Fuse protection: 16 A circuit breaker
- Frequency band: 2.4 GHz
- Transmission capacity: Max. 2.5 mW

Environment

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

Complementary

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

Certification

Zigbee 3.0

Note:

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For more detailed
information, refer to the
Wiser Guides online.
Scan the QR code or
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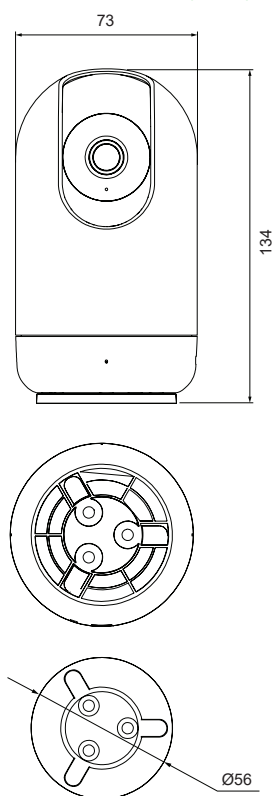


IP Camera

Wiser IP Camera Indoor



Dimensions (mm)



Technical Characteristics

Overview

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

Main data

Commercial Reference	CCT723319
E-number	SE 17 240 06 FI 71 260 96
Product colour	□ White
Product or component type	Camera
Features	
Power supply	5 V DC, 2 A
Connector type	Micro USB port for the AC adaptor
Nominal power for AC adaptor	100-240 V AC, 50/60 Hz
Communication interface	Wi-Fi®- 2.4 GHz, IEEE802.11 b/g/n compliant
Encryption protocol	Wi-Fi®- WPA-PSK /WPA2-PSK Data - AES128
Operating frequency	2405 - 2480 MHz
Transmission capacity	Max. 100 mW
Camera	1/2.9" CMOS sensor 80° horizontal and 40° vertical wide-angle lens 0° - 340° pan angle -75° to +75° tilt angle F2.1 focal length 7 m IR range Full HD camera with night vision Motion detection and motion tracking Integrated patrol function with 340 degree recording option 2-way audio communication Screen flip function available, specially useful when installed on ceilings Supports time watermark, to record videos with date and time stamp
Image/Video	1080 P resolution Supports image snapshot, event recording and continuous recording.
Local storage support	Micro SD card, max. 128 GB

Functions and settings

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

Environment

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

Complementary

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

Certification

CE, RoHS

Note:

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

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IP Camera

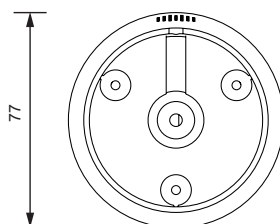
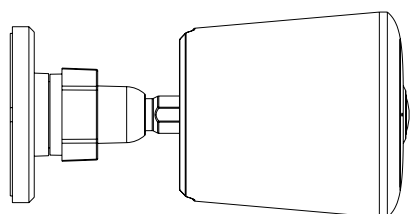
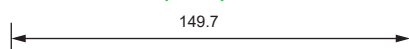
Wiser IP Camera Outdoor



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Dimensions (mm)



Technical Characteristics

Overview

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

Main data

Commercial Reference	CCT724319
E-number	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 V AC, 50/60 Hz
Communication interface	Wi-Fi® - 802.11b/g/n, 2.4GHz
Encryption protocol	Wi-Fi® - WPA/WPA2, WPA-PSK/WPA2-PSK Data - AES128
Operating frequency	2405 - 2480 MHz
Transmission capacity	Max. 100 mW
Camera	1/2.7" color CMOS sensor, 2 megapixels (MP) 128° diagonal, 103° horizontal, and 54° vertical Wide-angle lens Up to 10 m IR range Digital zoom function Full HD camera with night vision Motion detection, push notifications and recording Motion detection with area configuration Can be installed on wall or ceiling Supports time watermark, to record videos with date and time stamp
Audio communication	Semi duplex
Image/Video	H.264 video compression 1080 P resolution Image snapshot, event recording and full-time recording
Local storage support	Micro SD card, max. 128 GB

Functions and settings

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

Environment

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

Complementary

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

Certification

CE, RoHS

Note:

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Smoke Alarm

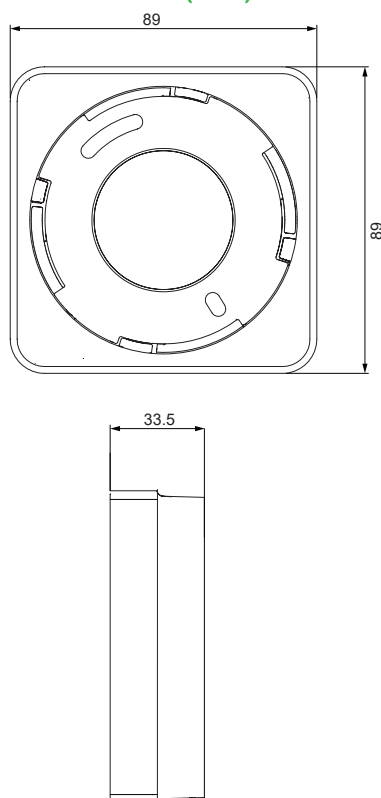
Wiser Smoke Alarm - Battery



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Dimensions (mm)



Technical Characteristics

Overview

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

Main data

Commercial Reference	CCT599001
E-number	SE 63 032 08 FI 71 260 98
Product colour	<input type="checkbox"/> White
Product or component type	Smoke Alarm
Features	
Operating current	≤70 mA
Battery life	10 years (not replaceable)
Sensing type	Photoelectric. This alarm contains NO radioactive material.
Interconnecting	RF+Zigbee, max. 40 devices in one network
Operating frequency	Zigbee: 2405 - 2480 MHz RF: 868 MHz
Wireless range	Zigbee: 40 m line of sight RF: 50 m line of sight
Horn level	85 dB at 3 m
Hush mode duration	10 minutes
LED brightness levels	High/Low
Alarm memory	72 hours
Temperature for alarm	If temp > 57 °C

Environment

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

Complementary

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

Certification

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

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

For more detailed
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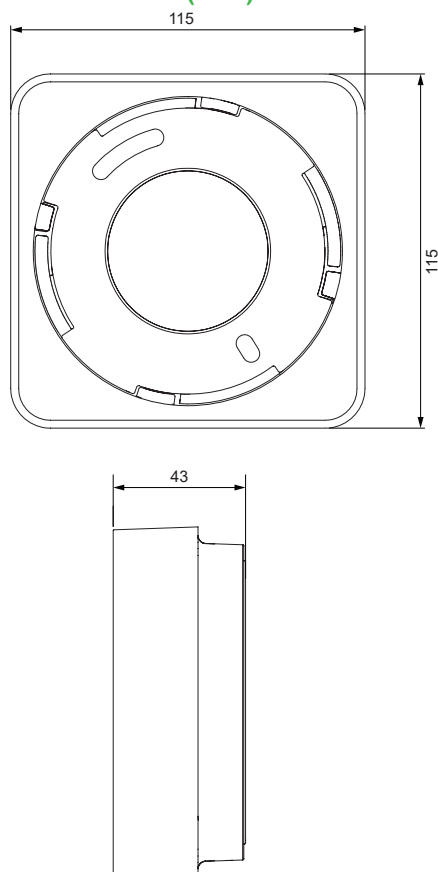


Smoke Alarm

Wiser Smoke Alarm - 230 V



Dimensions (mm)



Technical Characteristics

Overview

The Wiser Smoke Alarm - 230 V uses a photoelectric sensor to detect the smoke generated by fire. When connected to the Wiser system, the device sends notifications via the Wiser by SE app. It can also trigger signals through other products (for example, flashlights) connected to the Wiser system. The smoke alarm can be temporarily deactivated to avoid false alarms when cooking etc. An additional temperature sensor still provides basic protection.

Main data

Commercial Reference	CCT599501
E-number	SE 63 032 09 FI 71 260 99
Product colour	<input type="checkbox"/> White
Product or component type	Smoke Alarm
Features	
Operating current	≤ 70 mA
Main power supply	110 - 240 V, 50/60 Hz
Standby current	≤ 20 µA
Backup-battery life	10 years (not replaceable)
Sensing type	Photoelectric. This alarm contains NO radioactive material.
Interconnecting	RF+Zigbee, max. 40 devices in one network
Operating frequency	Zigbee: 2405 - 2480 MHz RF: 868 MHz
Wireless range	Zigbee: 40 m line of sight RF: 50 m line of sight
Horn level	85 dB at 3 m
Hush mode duration	10 minutes
LED brightness levels	High/Low
Alarm memory	72 hours
Temperature for alarm	If temp > 57 °C

Environment

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

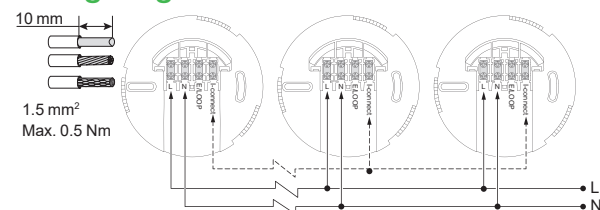
Complementary

Dimension (H × W × D)	115 × 115 × 43 mm
Installation	Mount on ceiling and wall only
Terminals	1 × 4 way terminal (interconnection, Earth/Loop, Neutral, Life)
Wiring capacity	up to 2 × 1.5 mm ² per terminal

Certification

	Zigbee 3.0, CE (EN14604:2005+AC2008)
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Wiring diagram



Note:

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

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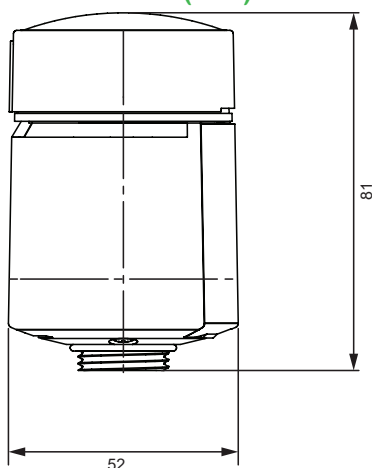


Thermostats

Wiser Radiator Thermostat



Dimensions (mm)



Technical Characteristics

Overview

The Wiser Radiator Thermostat allows setting independent schedules such as exact time and temperature for each room separately through the Wiser by SE app. The 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	CCTFR6100Z3
E-Number	SE 17 240 09 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
Dimension (H × 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 by SE 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 1 M 30 × 1.5 adaptor provided.

Note:

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Thermostats

Wiser Radiator Thermostat Kits



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Technical Characteristics

Overview

Wiser Radiator Thermostat Starting Kit

Main data

Commercial Reference	CCTFR6906WA
E-Number	SE 85 806 70 FI 26 099 36
Product color	White
Product or component type	Radiator Thermostat Kit
Product compatibility	Wiser Hub

Complementary

Device application	Room
Product specific application	Heating
Kit composition	1 × Wiser Hub (CCT501901) 2 × Radiator Thermostat (CCTFR6100Z3)
Rated current	0.022 A indoor for AC conforming to CE



Technical Characteristics

Overview

Wiser Radiator Thermostat Extension Kit

Main data

Commercial Reference	CCTFR6908WA
E-Number	SE 85 806 71 FI 26 099 38
Product color	White
Product or component type	Radiator Thermostat Kit
Product compatibility	Wiser Hub

Complementary

Device application	Room
Product specific application	Heating
Kit composition	3 × Radiator Thermostat (CCTFR6100Z3)
Rated current	Indoor for DC

Note:

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Adaptors

Comap Valve Adaptor

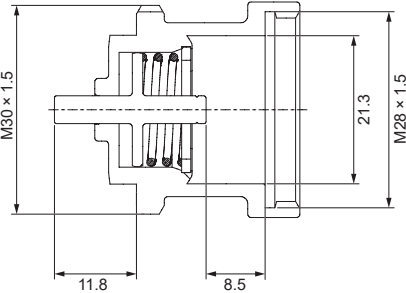

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Dimensions (mm)



Technical Characteristics

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

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

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
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Adaptors

Giacomini Valve Adaptor


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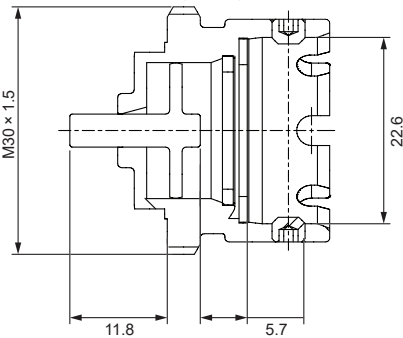




Technical Characteristics

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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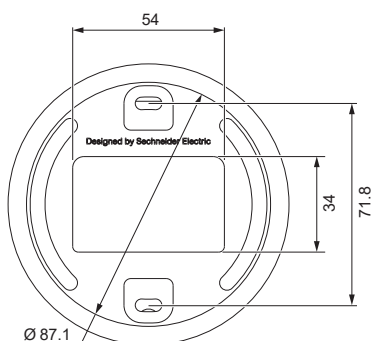
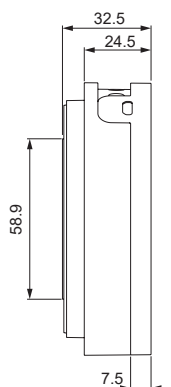
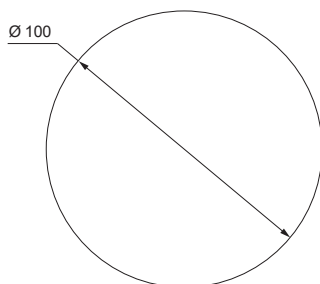


IR Converters

Wiser IR Converter



Dimensions (mm)



Technical Characteristics

Overview

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

Main data

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

Features

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

Environment

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

Complementary

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

Certification

CE

Note:

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

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PowerTag

PowerTag Energy 63 A

PowerTag Energy Monoconnect
63 A Resi9



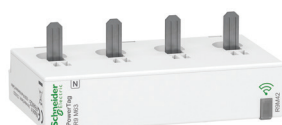
R9M20



R9M40



R9M41

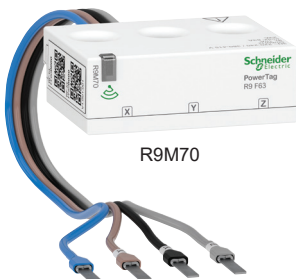


R9M42

PowerTag Energy Flex 63 A Resi9



R9M60



R9M70

Technical Characteristics

Overview

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

PowerTag Energy Monoconnect 63 A Resi9

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

PowerTag Energy Flex 63 A Resi9

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

Main data

Commercial Reference	R9M20	R9M40	R9M41	R9M42	R9M60	R9M70
E-Number	SE 42 628 38 FI 67 680 61	SE 42 628 39 FI 67 680 62	SE 42 628 40 FI 67 680 63	SE 42 628 41 FI 67 680 64	SE 42 628 42 FI 67 680 65	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+N	Phase-to-neutral Phase-to-phase	220...240 V AC ± 20 % 380...415 V AC ± 20 %
Frequency	50 Hz			
Max. current	I _{max}			63 A
Base current	I _b			10 A
Saturation current				130 A
Starting current	I _{st}			40 mA

Environment

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

Radio-frequency communication

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

Characteristics of measuring functions

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

Weight

	PowerTag	Type	Weight (g)
R9 M63	R9M20	1P + Wire	16.4
	R9M40	3P	28
	R9M41, R9M42	3P + N	35
R9 F63	R9M60	1P + N	16
	R9M70	3P + N	40

Note:

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



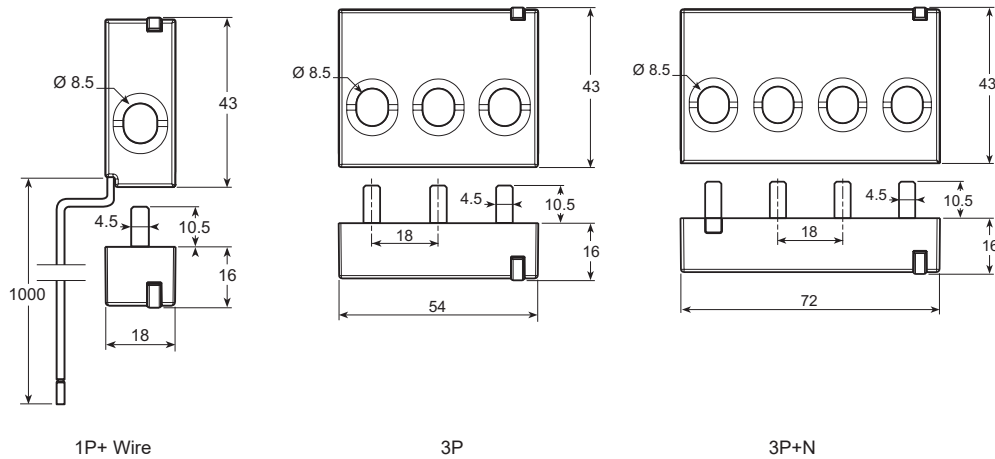
PowerTag

PowerTag Energy 63 A

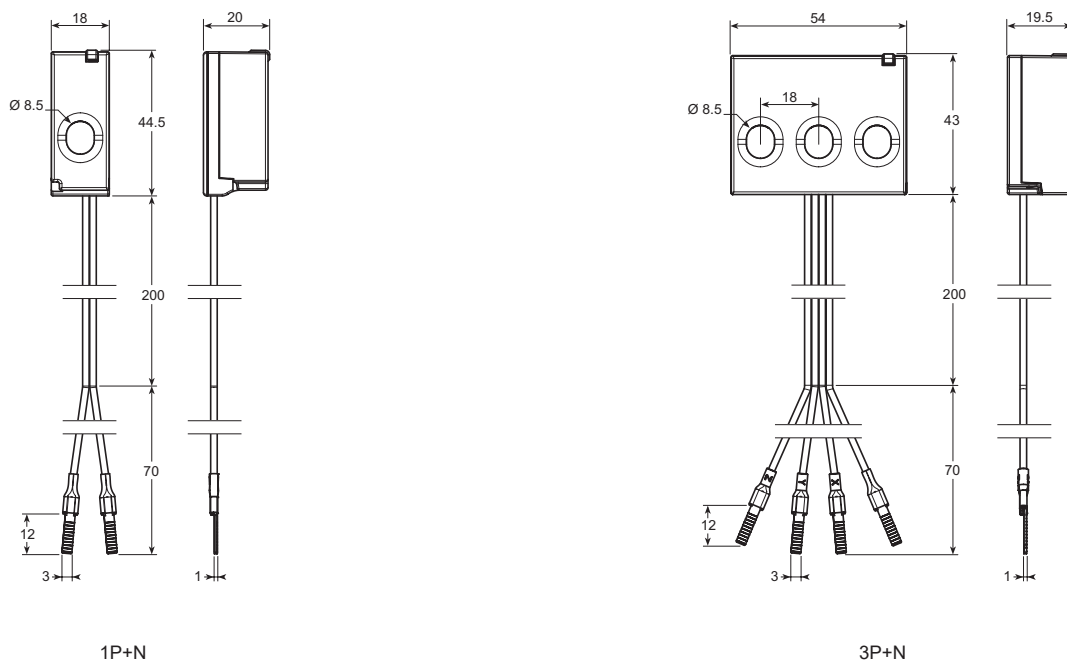


Dimensions (mm)

PowerTag Energy R9 M63



PowerTag Energy R9 F63



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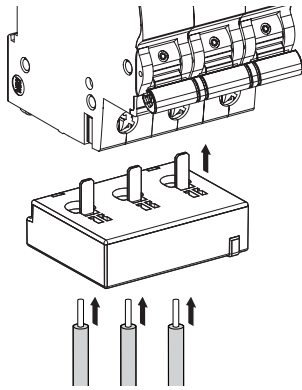
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PowerTag Energy 63 A



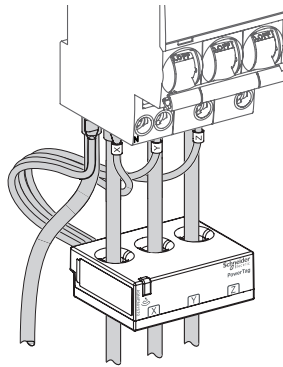
Connections

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.

Note:

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PowerTag

PowerTag Energy 160 A



PowerTag Energy Flex 160 A



A9MEM1580

Technical Characteristics

Overview

PowerTag Energy Flex 160 A can be used on many products or groups of loads up to 160 A on 3P or 3P+N networks. Its removable spring connector for voltage picking facilitates its installation, and shapes for brackets allow to mount and maintain it where needed in a panel.

PowerTag Energy Flex 160 A measures the following values in accordance with the IEC 61557-12 standard PMD-II/DD/K70/1:

- Energy (4 quadrants):
 - Active energy (kWh): total and partial, delivered and received
 - Active energy per phase (kWh): total and partial, delivered and received
 - Reactive energy (kVARh): total and partial, delivered and received
 - Reactive energy per phase (kVARh): total and partial, delivered and received
 - Apparent energy (kVAh): total and partial
 - Apparent energy per phase (kVAh): total and partial
- Real-time measurement values:
 - Voltages (V): phase-to-phase (U12, U23, U31) and phase-to-neutral (V1N, V2N, V3N)
 - Currents (A): per phase (I1, I2, I3), calculated neutral current when connected (IN)
 - Power:
 - Active power (W): total and per phase
 - Reactive power (VAR): total and per phase
 - Apparent power (VA): total and per phase
 - Frequency (Hz)
 - Power factor: total and per phase
- Voltage loss alarms:
 - PowerTag Energy Flex sensor sends a "voltage loss" alarm and the current-per-phase value before being de-energized.
 - At "voltage loss" PowerTag Energy Flex adds an overload alarm if the current is higher than the rated current of the associated protective device.

Main data

Commercial Reference	A9MEM1580
Product color	□ White
Product or component type	Energy Sensors

Features

Rated voltage	Un	Phase-to-neutral	100...277 V AC ± 20 %
		Phase-to-phase	173...480 V AC ± 20 %
Frequency			50/60 Hz
Max. current	I _{max}		160 A
Max. operating current			1.2 x I _{max}
Max. power consumption			3 VA
Base current	I _b		25 A
Saturation current			2 x I _{max}
Starting current	I _{st}		100 mA

Environment

Operating temperature		-25 °C to +70 °C
Storage temperature		-40 °C to +85 °C
Overvoltage category	As per IEC 61010-1	Cat. IV
Measuring category	As per IEC 61010-2-30	Cat. IV
Pollution degree		3
Altitude		Up to 2000 m without derating ⁽¹⁾
Degree of protection		IP20 IK05

Installation

PowerTag Energy Flex 160 A can be installed in a panel directly on cables or busbars, associated to a product or not. Voltage pickings removable spring terminal has to be wired by 1 copper wire per phase.

Wire range

Solid	Stranded	Stranded with terminal ends
0.2...1.5 mm ²	0.2...2.5 mm ²	0.25...1.5 mm ²
24...16 AWG	24...14 AWG	24...16 AWG

Note: Neutral picking shall be connected to have phase-to-neutral voltages, energy per phase, and power per phase provided.
(1) Above 2000 m, please consult Schneider Electric.

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PowerTag

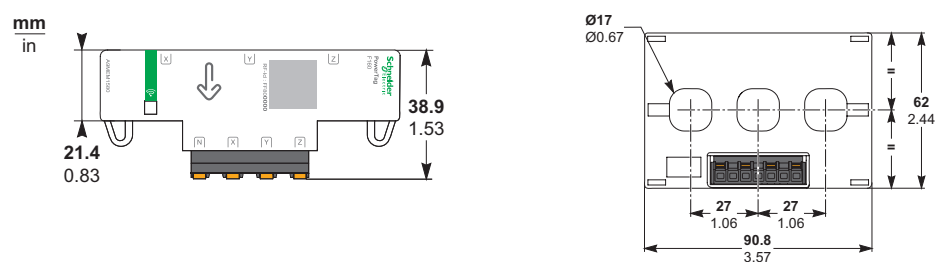
PowerTag Energy 160 A



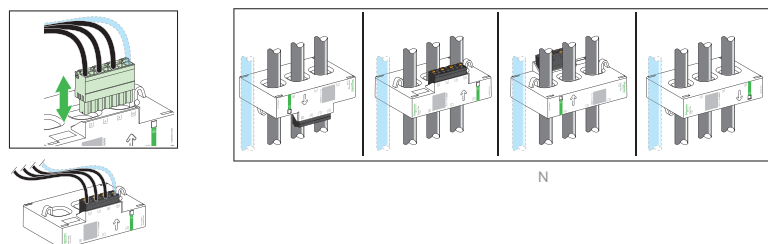
Radio-frequency communication			
ISM band 2.4 GHz			2.4 GHz to 2.4835 GHz
Channels	As per IEEE 802.15.4		11 to 26
Isotropic Radiated Power	Equivalent (EIRP)		0 dBm
Max. transmission time			< 5 ms
Channel occupancy	For 1 device		messages sent every 5 seconds
Characteristics of measuring functions			
Function	Symbol	Performance category as per IEC 61557-12 (PMD-II/DD/K70/1)	Device measuring range
		Class	
Total active power (Active power per phase)	P	1	24 W (8 W) to 192 kW
Total reactive power (Reactive power per phase)	Q _A	2	30 VAR (10 VAR) to 192 kVAR
Total apparent power (Apparent power per phase)	S _A	2	38 VA (13 VA) to 192 kVA
Active Energy (per phase, total, partial, delivered and received)	E _a	1	0 to 281.10 ⁹ kWh
Reactive energy (per phase, total, partial, delivered and received)	E _{rA}	2	0 to 281.10 ⁹ kVARh
Apparent energy (per phase, total, partial)	E _{apA}	2	0 to 281.10 ⁹ kVAh
Frequency	f	0.5	45 to 65 Hz
Phase current	I	1	100 mA to 320 A
Neutral current	I _{NC}	2	
Voltages (Line to Line)	U	0.5	138 to 576 V AC
Power factor (per phase, total)	PF _A	1	-1 to 1
Weight			
Flex 160	PowerTag	Type	Weight (g)
	A9MEM1580	3P/3P+N	100

Dimensions (mm)

PowerTag Energy Flex 160 A



Connections



Note:

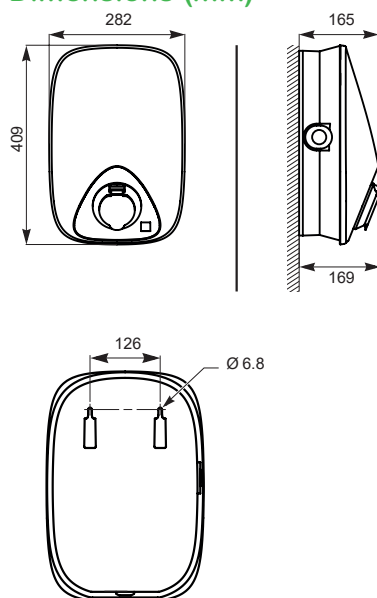
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Dimensions (mm)



Technical Characteristics

Overview

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

Main data

Commercial Reference	EVH4A03N2	EVlink Home Smart T2 1P+N 3.7 kW 16 A RDC-DD
	EVH4A07N2	EVlink Home Smart T2 1P+N 7.4 kW 32 A RDC-DD
	EVH4A11N2	EVlink Home Smart T2 3P+N 11 kW 16 A RDC-DD
	EVH4A03N4	EVlink Home Smart T2S 1P+N 3.7 kW 16 A RDC-DD
	EVH4A07N4	EVlink Home Smart T2S 1P+N 7.4 kW 32 A RDC-DD
	EVH4A11N4	EVlink Home Smart T2S 3P+N 11 kW 16 A RDC-DD
	EVH4A03NC	EVlink Home Smart cable 5 m 1P+N 3.7 kW 16 A RDC-DD
	EVH4A07NC	EVlink Home Smart cable 5 m 1P+N 7.4 kW 32 A RDC-DD
	EVH4A11NC	EVlink Home Smart cable 5 m 3P+N 11 kW 16 A RDC-DD

Product color	□ White
Product or component type	AC charging station

Features

Rated voltage	1P + N	230 V AC 50 Hz ±10 %
	3P + N	400 V AC 50 Hz ±10 %
Max. power	1P + N	3.7 kW 16 A
		7.4 kW 32 A
	3P + N	11 kW 16 A
Charging current	6 A to 32 A	
Internal protection	6 mA DC filter	
Access control modes	Free access	
Warranty	24 months for the entire EVlink range 1 or 3 years Warranty Extension	

Environment

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

Complementary

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

Characteristics

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

Weight

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

Certification

	CE (EN61851-1), UKCA
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EVlink

EVlink Home Anti-tripping System



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Wiser by SE app
Schneider Electric's connected
technology for homes



Technical Characteristics

Overview

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

Main data

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

Features

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

Environment

Nominal temperature	-30 °C to +50 °C
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Complementary

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

Weight

Type	196 g
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Certification

	EN 61010-1-2010, EN 61326-1-2013
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Wiser Exxact™



Wiser™

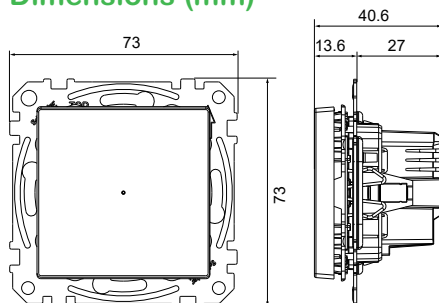
Exxact™

Switches

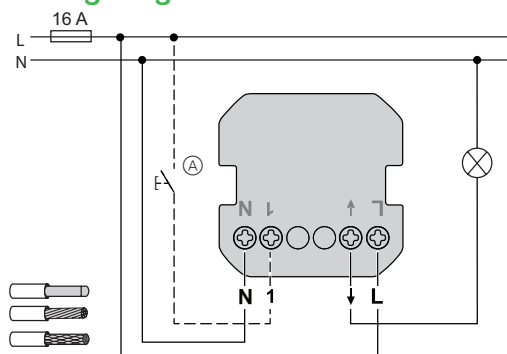
Connected Relay Switch 10 A



Dimensions (mm)



Wiring diagram



Note:

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Technical characteristics

Overview

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

Main data

Commercial Reference	WDE002348	WDE003348	WDE004348
E-number	SE 18 204 23 FI 21 011 49	SE 18 204 24 FI 21 011 50	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		10 A, 140 µF
Compact fluorescent lamp or ferromagnetic ballast		200 W
Motor (single-phase) 230 V		1000 VA

Control options

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

Characteristics

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

Functions and settings

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

Environment

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

Certification

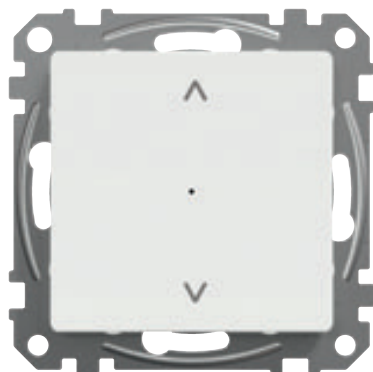
Zigbee 3.0

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

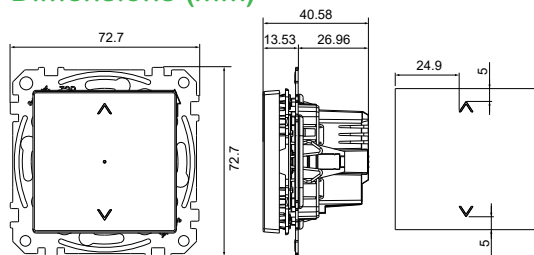




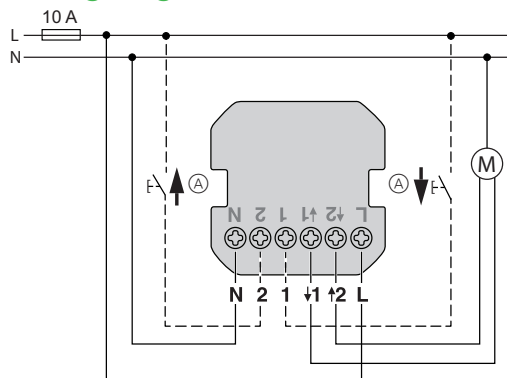
Download
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Schneider Electric's connected
technology for homes



Dimensions (mm)



Wiring diagram



Note:

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Technical characteristics

Overview

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

Main data

Commercial Reference	WDE002384	WDE003384	WDE004385
E-number	SE 18 204 27 FI 21 011 52	SE 18 204 29 FI 21 011 53	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 blind control switch through the Wiser by SE app on your smart phone, you need to pair it to the Wiser Gateway.
- **Direct operation:** The blind control switch can always be controlled directly on-site. You can also connect any number of auxiliary push buttons.

Characteristics

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

Functions and settings

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

Via Wiser by SE app:

- Setting the blind movement time
- Varying blind and slat position
- Setting a timer or a time schedule
- Upgrade device firmware

Environment

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

Certification

Zigbee 3.0

For more detailed
information, refer to the
Wiser Guides online.
Scan the QR code or
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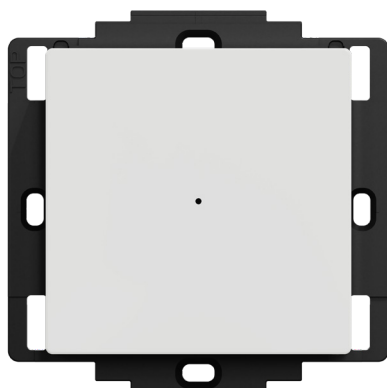


Wiser™

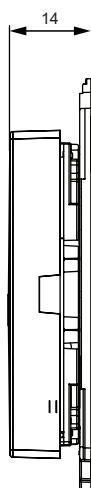
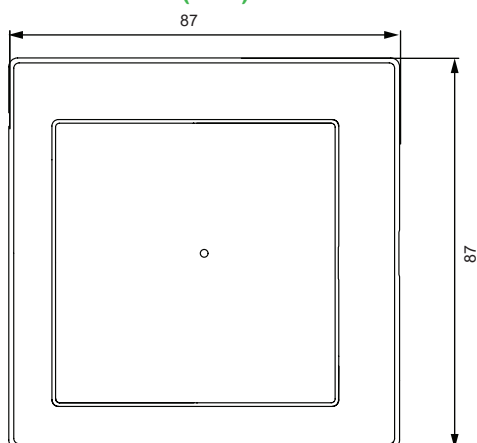
Exxact™

Switches

Connected Wireless Switch 1-gang



Dimensions (mm)



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 by SE app or can be paired with other Wiser devices.

Main data

Commercial Reference	WDE002906	WDE003905	WDE004905
E-number	SE 13 606 88 FI 26 221 06	SE 13 607 46 FI 26 221 08	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
Max. transmitted power	≤ 10 dBm
Frequency band	2.4 GHz
Frequency range	2400 MHz to 2480 MHz

Environment

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

Control options

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

Characteristics

Push button-1 gang = 1 function or 2 moments/2 gang = 2 functions or 4 moments

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.
Content	1 battery, double-sided adhesive pads, adhesive foil, screws, and user manual.

Certification

Zigbee 3.0

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

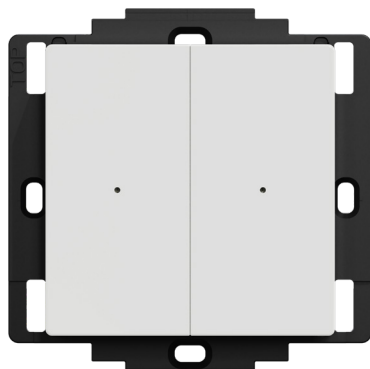
***WDE003905** and **WDE004905** are the 1-gang and 2-gang rockers in anthracite and metallic colors for the Connected Wireless Switch. Need to purchase **WDE003905** and **WDE004905** rockers separately along with **WDE002906** Connected Wireless Switch.

Note:

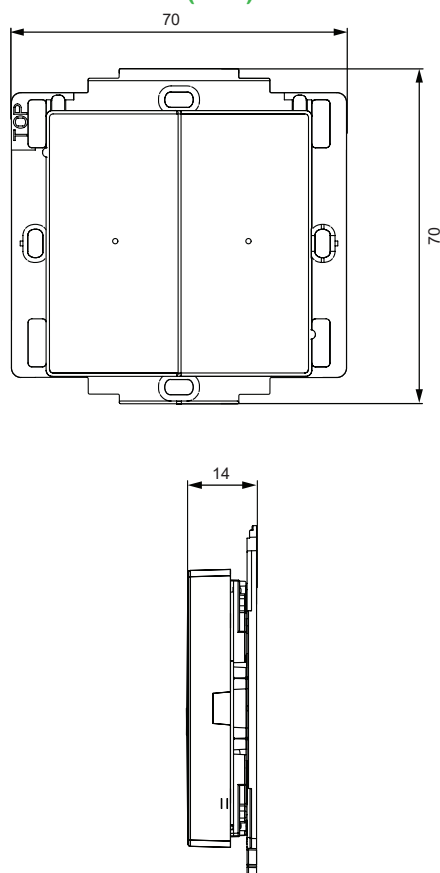
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Dimensions (mm)



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 by SE app or can be paired with other Wiser devices.

Main data

Commercial Reference	WDE002924	WDE003905	WDE004905
E-number	SE 13 606 89 FI 26 221 07	SE 13 607 46 FI 26 221 08	SE 13 607 47 FI 26 221 09
Product colour	<input type="checkbox"/> White	<input checked="" type="checkbox"/> Anthracite	<input type="checkbox"/> 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
Max. transmitted power	≤ 10 dBm
Frequency band	2.4 GHz
Frequency range	2400 MHz to 2480 MHz

Environment

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

Control options

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

Characteristics

Push button - 1 gang = 1 function or 2 moments/2 gang = 2 functions or 4 moments.

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.
Content	1 battery, double-sided adhesive pads, adhesive foil, screws and user manual

Certification

Zigbee 3.0

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

***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 separately along with **WDE002924** Connected Wireless Switch.

Note:

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

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



Wiser™

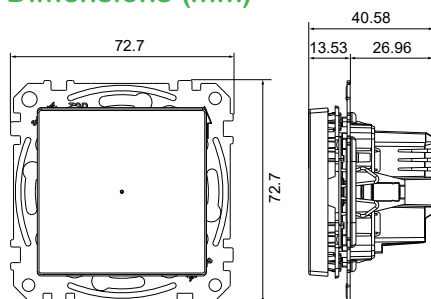
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Dimmers

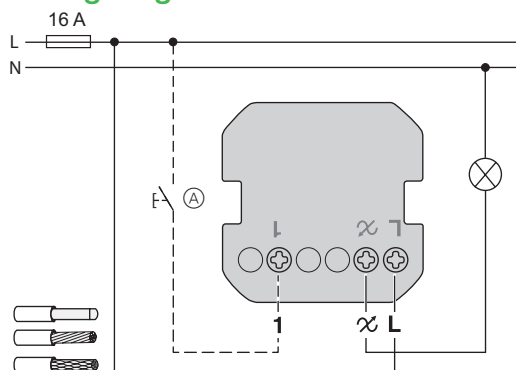
Connected Universal Push-button Dimmer LED



Dimensions (mm)



Wiring diagram



Note:

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Technical characteristics

Overview

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

Main data

Commercial Reference	WDE002386	WDE003386	WDE004386
E-number	SE 13 607 38 FI 26 221 26	SE 13 607 39 FI 26 221 27	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 by SE app on your smart phone and to use the full functionality of the dimmer, you need to pair it to the Wiser Gateway.
- **Direct operation:** The dimmer can always be controlled directly on-site. You can also connect any number of auxiliary push buttons.

Characteristics

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

Functions and settings

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

Via Wiser by SE app:

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

Environment

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

Certification

Zigbee 3.0

(1) RC = Resistive and Capacitive loads

(2) RL = Resistive and Inductive loads

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



Wiser™

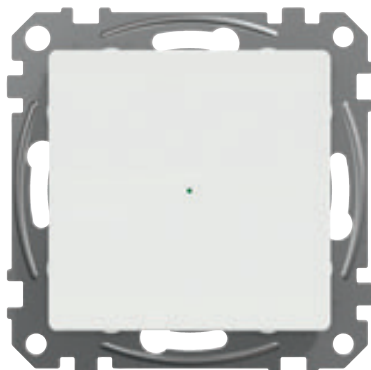
Exxact™

Dimmers

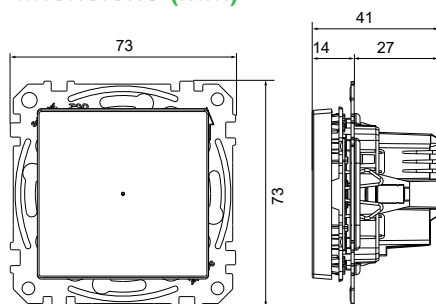
Connected Multiwire Universal Push-button Dimmer LED



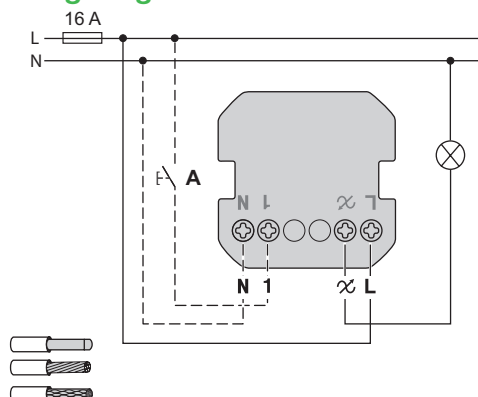
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Dimensions (mm)



Wiring diagram



Note:

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

Technical characteristics

Overview

The Connected Multiwire Universal Push-button Dimmer LED controls the lighting level in a room, or sets lighting to a desired level in response to a specified condition or event. It can switch and dim ohmic, inductive, or capacitive loads RC/RL and loads of LED lamps. The dimmer can be controlled remotely, it can be scheduled for ON and OFF time via the Wiser by SE app. The dimmer can also be controlled manually as a traditional push button dimmer. 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 by SE app on your smart phone and to use the full functionality of the dimmer, you need to pair it to the Wiser Gateway.
- **Direct operation:** The dimmer can always be controlled directly on-site. You can also connect any number of auxiliary push buttons.

Characteristics

- Nominal voltage: 230 V AC, 50 Hz
- Neutral wire connection: Optional/recommended
- Standby consumption: Max. 0.4 W
- Fuse rating: 16 A

Functions and settings

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

Via Wiser by SE app:

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

Environment

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

Certification

Zigbee 3.0

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

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

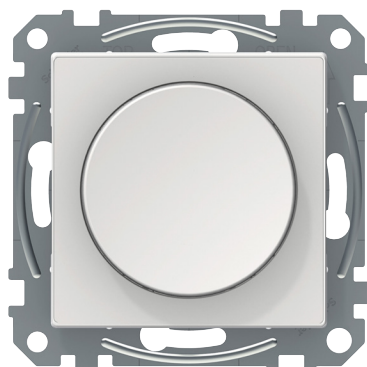


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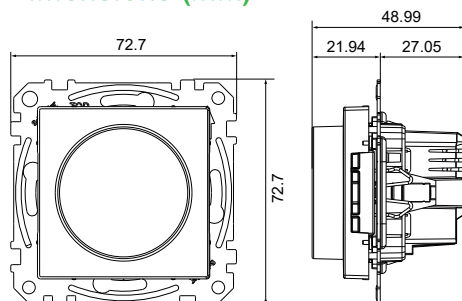
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Dimmers

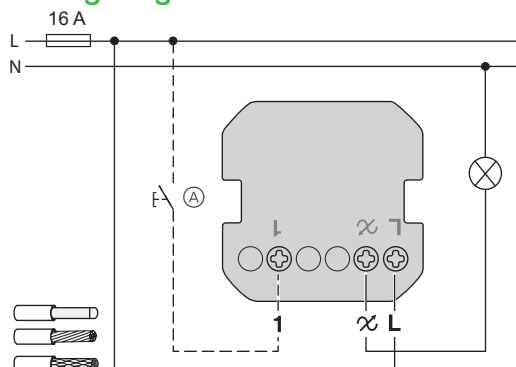
Connected Universal Rotary Dimmer LED



Dimensions (mm)



Wiring diagram



Note:

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

Technical characteristics

Overview

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

Main data

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

Loads

LED lamp 230 V		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	dimmmable electronic transformer	14...150 VA
	dimmmable ferromagnetic transformer	14...150 VA

Control options

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

Characteristics

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

Functions and settings

- Automatic load detection
 - Brightness memory function
 - Electronic overload, overheating and short-circuit protection
 - Remote control by unlimited number of single mechanical push buttons
- Via Wiser by SE app:
- Setting the switch-on brightness or memory function (default setting)
 - Setting the dimming range: minimum and maximum brightness
 - Setting the LED operating mode manually (RL LED mode)
 - Setting a timer or a time schedule

Environment

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

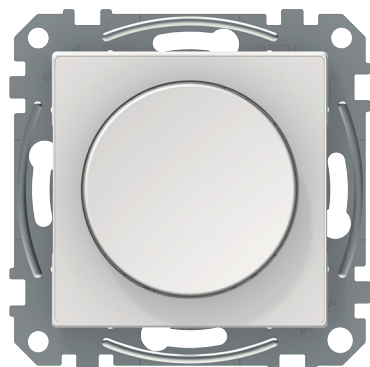
Certification

Zigbee 3.0

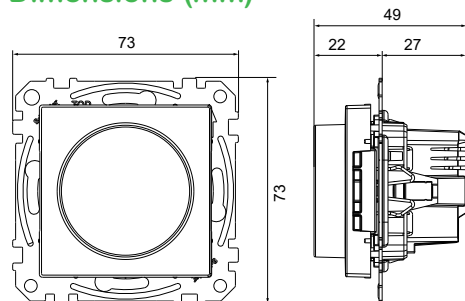
- (1) RC = Resistive and Capacitive loads
(2) RL = Resistive and Inductive loads

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

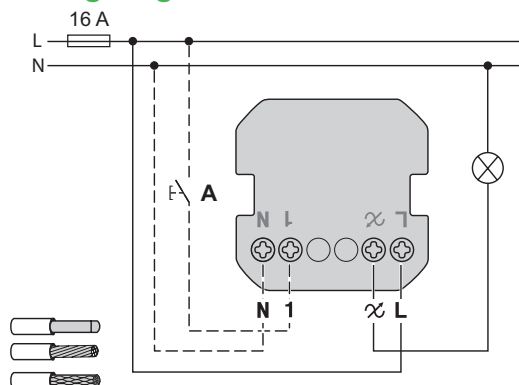




Dimensions (mm)



Wiring diagram



Technical characteristics

Overview

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

Main data

Commercial Reference	WDE002961	WDE003961	WDE004961
E-number	SE 13 607 85 FI 26 221 59	SE 13 607 86 FI 26 221 60	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		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	dimmmable electronic transformer	14...150 VA	0...150 VA
	dimmmable ferromagnetic transformer	14...150 VA	0...150 VA

Control options

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

Characteristics

- Nominal voltage: 230 V AC, 50 Hz
- Neutral wire connection: Optional/recommended
- Standby consumption: Max. 0.4 W
- Fuse rating: 16 A

Functions and settings

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

Via Wiser by SE app:

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

Environment

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

Certification

Zigbee 3.0

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

Note:

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

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



Wiser™

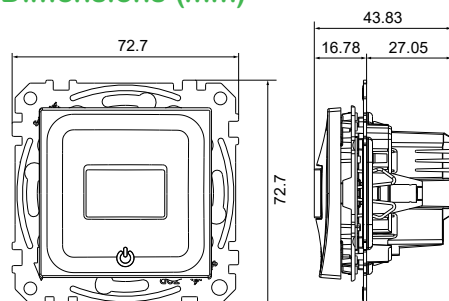
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Motion Sensors

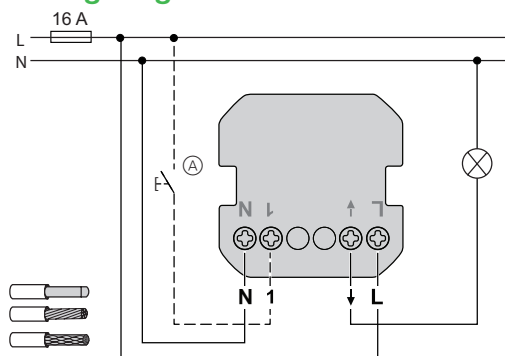
Connected Motion Sensor with Switch 10 A



Dimensions (mm)



Wiring diagram



Technical characteristics

Overview

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

Main data

Commercial Reference	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		10 A, 140 mF
Compact fluorescent lamp or ferromagnetic ballast		200 W
Motor (single-phase) 230 V		1000 VA

Control options

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

Characteristics

- Nominal voltage: 230 V AC, 50 Hz
- Nominal current: 10 A 140 μF, 10 A cosφ = 0.6
- Standby consumption: Max. 0.4 W
- Fuse rating: 16 A
- Neutral conductor required
- Sensor type: PIR
- Movement detection area: 8 m
- Horizontal detection angle: 160°, 8 m frontal, 8 m lateral

Functions and settings

- Automatic mode: Automatic switching ON OFF loads when a motion is detected and dependent on the ambient brightness
- Manual operation: Local switching ON of loads when the switch is actuated, irrespective of the ambient brightness
- Primary/secondary operation: up to three motion sensors connected with one as primary and two others as secondary devices
- Semi-automatic mode: Manual switch-ON/automatic switch-OFF
- Remote control by other motion sensors or unlimited number of single mechanical push buttons
- Via Wiser by SE app:
 - Setting the detection brightness: 5 to 1000 lux (default setting 50 lux)
 - Setting the detection sensitivity: High (default setting), medium or low
 - Setting the overtravel time: 1 second to 30 minutes (default setting 5 minutes)
 - Setting a timer or a time schedule
 - Test mode

Environment

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

Certification

Zigbee 3.0

Note:

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

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

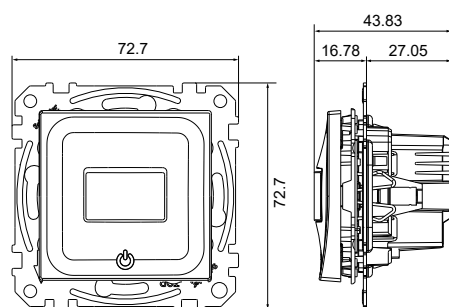




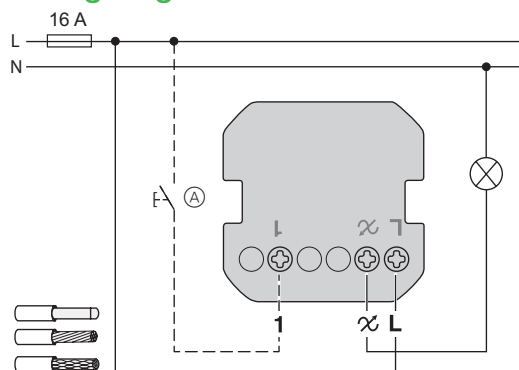
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Dimensions (mm)



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 Wiser by SE app, in which you can set delay time from last detection before lights turn OFF, as well as set the ambient light level when the motion sensor shall work automatically. With the integrated switch the automatic function can be easily overridden to turn the lights ON or OFF. You can dim down the lights for the night from the push button or the Wiser by SE app. When the motion sensor detects motion, it turns ON the lights to the set light level.

Main data

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

Loads

LED lamp 230 V		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	<div> dimmable electronic transformer </div> <div> dimmable ferromagnetic transformer </div>	14...150 VA

Control options

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

Characteristics

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

Functions and settings

- | | |
|--|---|
| <ul style="list-style-type: none"> • 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 | <p>Via Wiser by SE app:</p> <ul style="list-style-type: none"> • Setting the switch-on brightness or memory function (default setting) • Setting the dimming range: minimum and maximum brightness • Setting the LED operating mode manually (RL LED mode) • Setting the detection brightness: 5 to 1000 lux (default setting 50 lux) • Setting the detection sensitivity: High (default setting), medium or low • Setting the overtravel time: 1 second to 30 minutes (default setting 5 minutes) • Setting a timer or a time schedule • Test mode |
|--|---|

Environment

IP degree	IP21
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Certification

Zigbee 3.0

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

Note:

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

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
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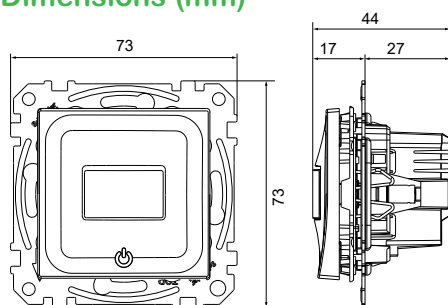
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Motion Sensors

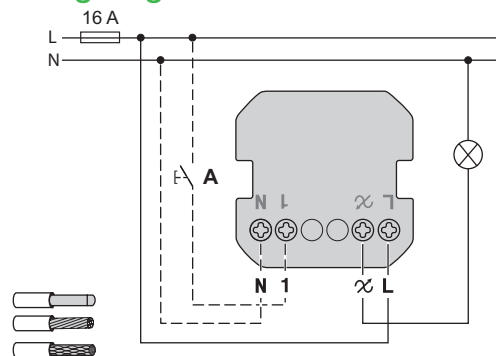
Connected Motion Sensor with Multiwire Universal Push-button Dimmer LED



Dimensions (mm)



Wiring diagram



Technical characteristics

Overview

The Connected Motion Sensor with Multiwire Universal Push-button Dimmer LED 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 Wiser by SE app, in which you can set delay time from last detection before lights turn OFF, as well as set the ambient light level when the motion sensor shall work automatically. With the integrated switch the automatic function can be easily overridden to turn the lights ON or OFF. You can dim down the lights for the night from the push button or the Wiser by SE app. When the motion sensor 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	WDE002962	WDE003962	WDE004962
E-number	SE 13 607 89 FI 26 221 68	SE 13 607 90 FI 26 221 69	SE 13 607 91 FI 26 221 70
Product color	<input type="checkbox"/> White	<input checked="" type="checkbox"/> Anthracite	<input type="checkbox"/> Metallic
Product or component type	Motion Sensor		

Loads		Without neutral	With neutral
LED lamp 230 V		RC ⁽¹⁾ : 7...130 W (max. 0.8 A)	RC ⁽¹⁾ : 0...130 W (max. 0.8 A)
		RL ⁽²⁾ : 7...80 W (max. 0.5 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	dimmmable electronic transformer	14...150 W	0...150 W
	dimmmable ferromagnetic transformer	14...150 VA	0...150 VA

Control options

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

Characteristics

- Nominal voltage: 230 V AC, 50 Hz
- Neutral 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

Functions and settings

- Automatic load detection
 - Automatic mode: Automatic switching ON OFF loads when a motion is detected and dependent on the ambient brightness
 - Manual operation: Local switching ON of loads when the switch is actuated, irrespective of the ambient brightness
 - Semi-automatic mode: Manual switch-ON/automatic switch-OFF
 - Brightness memory function
 - Soft start, soft stop
 - Electronic overload protection, overheating protection, short-circuit protection
 - Remote control by unlimited number of single mechanical push buttons
- Via Wiser by SE app:
- Setting the switch-on brightness or memory function (default setting)
 - Setting the dimming range: minimum and maximum brightness
 - Setting the 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

Environment

IP degree	IP20
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Certification

Zigbee 3.0

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

Note:

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

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
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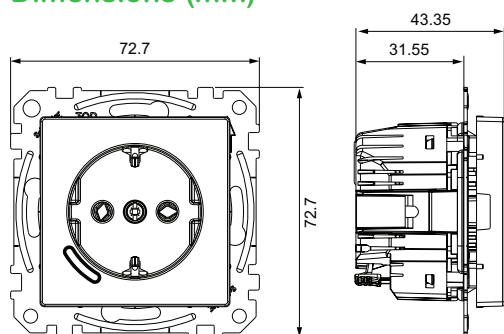




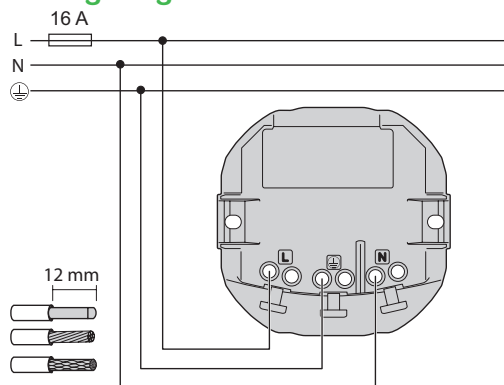
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Dimensions (mm)



Wiring diagram



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	WDE002172	WDE003172	WDE004172
E-number	SE 18 204 45 FI 25 190 28	SE 18 204 46 FI 25 190 29	SE 18 204 47 FI 25 190 30
Product color	□ White	■ Anthracite	■ Metallic
Product or component type	Socket Outlet		

Loads

LED lamp	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, $\cos\phi = 0.6$
Capacitive load		6 AX, max. 70 µF

Control options

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

Characteristics

- Nominal voltage: 230 V AC 50 Hz
- Nominal current: 16 A max.
- Standby: Max. 0.4 W
- Fuse protection: 16 A circuit breaker
- Frequency band: 2405-2480 MHz
- Transmission capacity: < 10 mW
- Connecting terminal: Connected terminals for max. $2 \times 2.5 \text{ mm}^2$, 1.2 Nm

Functions and settings

The single socket outlet offers much more than a normal socket outlet when used with the Wiser by SE app including:

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

Environment

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

Complementary

Dimension (H × W × D)	72.7 × 72.7 × 43.35 mm
Installation	Flush mounting

Certification

Zigbee 3.0

Note:

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

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

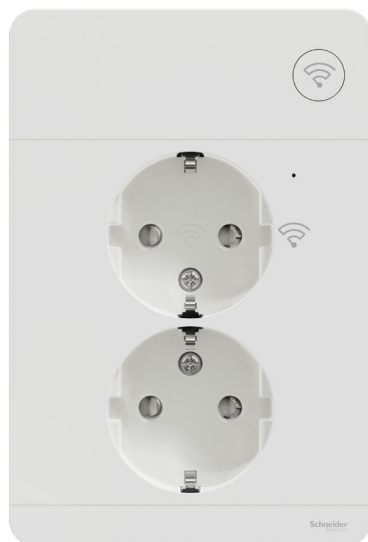


Wiser™

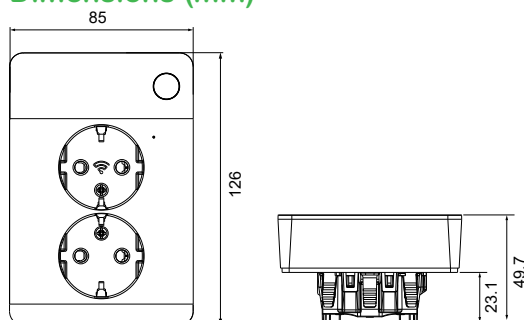
Exxact™

Socket Outlets

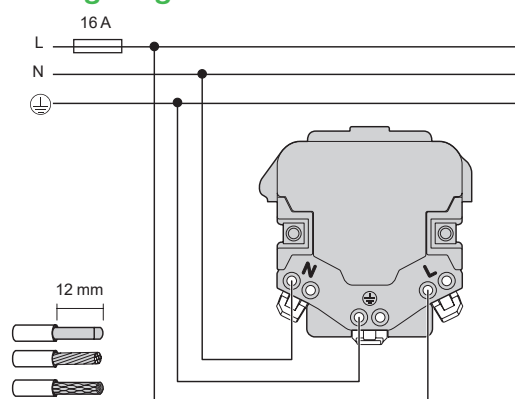
Connected Double Socket Outlet 16 A



Dimensions (mm)



Wiring diagram



Note:

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

Technical characteristics

Overview

The Connected Double Socket Outlet 16 A 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 accuracy (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 by SE app or by voice command (Amazon Alexa, Google Home).

Main data

Commercial Reference	WDE002182	WDE003382	WDE004384
E-number	SE 18 203 80 FI 25 190 12	SE 18 203 81 FI 25 190 13	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	💡 + ⚙️	2000 VA
electronic transformer	💡 + ⚙️	1500 VA
ferromagnetic transformer	💡 + ⚙️	1500 VA
Motor load	🌀	1600 VA, 7 A max.
Resistive load	⚡	3680 W
Inductive load	⚡	16 A, cosφ = 0.6
Capacitive load	⚡	6 AX, max. 70 µF

Characteristics

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

Environment

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

Complementary

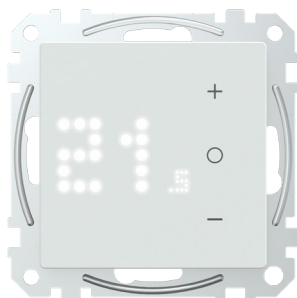
Dimension (H × W × D)	85 × 126 × 49.7 mm
Installation	Flush mounting

Certification

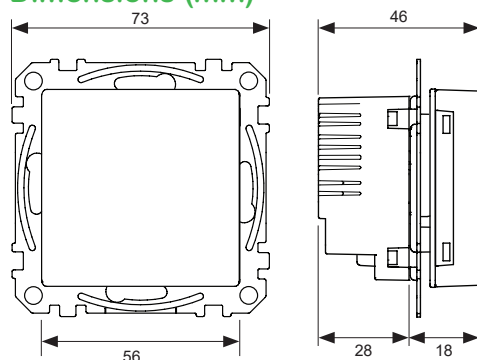
Zigbee 3.0

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

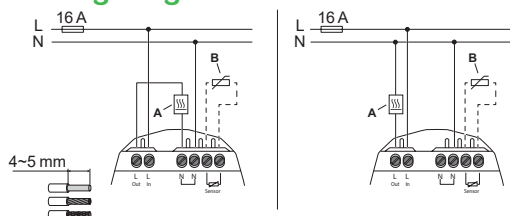




Dimensions (mm)



Wiring diagram



Wiring options:

A Output: Max. 16 A live
B Input: Floor sensor (optional)

Technical Characteristics

Overview

The Connected Thermostat Room/Floor 16 A is used for electric underfloor heating or electric radiators. The thermostat can control mains powered motorized valves or circulating pumps for water-based heating.

Main data

Commercial Reference	WDE002497	WDE003497
E-number	SE 85 804 80 FI 26 091 62	SE 85 804 85 FI 26 091 64
Product color	<input type="checkbox"/> White	<input checked="" type="checkbox"/> Anthracite

Features

Nominal voltage	AC 230 V ~, 50 Hz
Max. current rating	16 A
Standby	Max. 0.4 W
Connecting terminals	Screw terminals for max. 2.5 mm ² , 0.5 Nm
Neutral conductor	Required
Temperature accuracy	Max. ±0.5 °C (across the range of 4 to 30 °C)
Temperature measurement resolution	Max. 0.1 °C
Display	7 × 5 dot matrix, 3 additional LEDs
Operating frequency	2.405 GHz to 2.48 GHz
Max. radio-frequency power transmitted	< 10 mW
Floor sensor types	10 k, 12 k, 15 k, 33 k, 47 k (Thermistor resistance values in Ohm. Nominal value at 25 °C)
Protection class	II
Working voltage	230 V
Over-voltage category	III
Rated impulse voltage	4 kV
Pollution degree	2
CTI rating of insulation components	175 V
Material group	IIIa (based on CTI value)
Disconnection type	1.B

Control Options

- Direct operation: The thermostat can always be controlled on-site
- Room air temperature sensor only
- Floor sensor only
- Air room temperature for control and floor sensor for limiting heating temperature

Environment

Operating temperature	0 to 40 °C
Relative humidity	Max. 90 % non-condensing

Certification

Zigbee 3.0

Note:

- The thermostat works with several floor sensor types.
- The floor sensor cable is not included in the package. It must be procured separately.

Note:

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

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



Wiser™

Exxact™

Quick Home Connect Kit

Dimmer Control

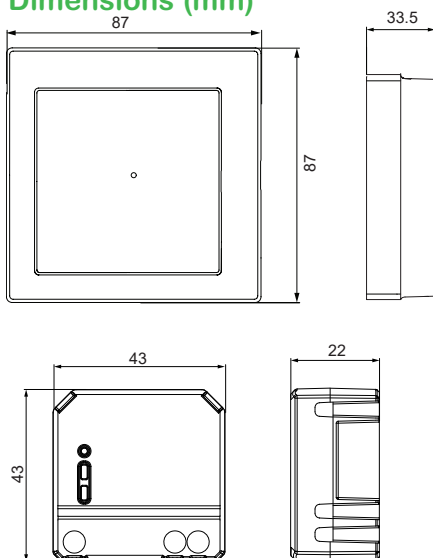


Connected Wireless Switch 1-gang

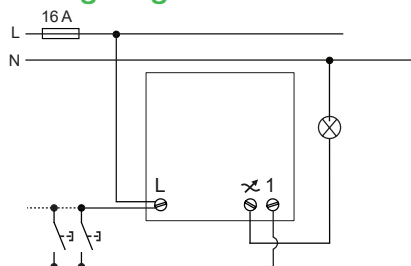


Micro Module Dimmer

Dimensions (mm)



Wiring diagram



Note:

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

Technical Characteristics

Overview

The Quick Home Connect is a solution that allows connecting a wireless switch with a micro module dimmer. Pairing occurs quickly with a 5-time press on each device. The solution does not require a gateway or a smartphone with Wiser by SE app. Quick Home Connect kit includes one battery-powered wireless switch and one micro module dimmer.

Main data - Quick Home Connect Kit

Commercial Reference	WDE002938
E-number	FI 26 221 75
Product colour	□ White
Product or component type	Quick Home Connect Kit

Technical data - Connected Wireless Switch 1-gang

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
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 %

Certification

CE, Zigbee 3.0

Technical data - Micro Module Dimmer

Loads

LED lamp 230 V		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	dimmmable electronic transformer 	14...150 W
	dimmmable ferromagnetic transformer 	14...150 VA

Characteristics

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

Environment

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

Complementary

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

Certification

CE, Zigbee 3.0

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

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
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Wiser™

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Quick Home Connect Kit

Switch Control

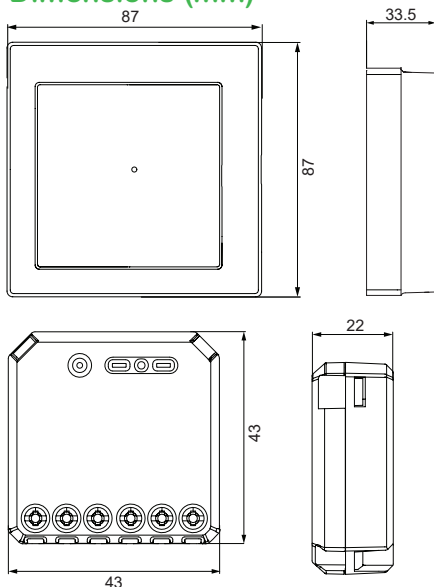


Connected Wireless Switch 1-gang

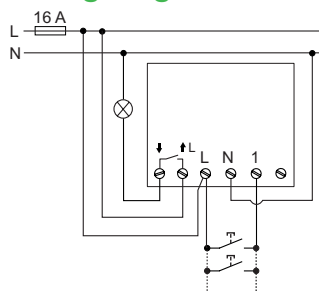


Micro Module Light Switch

Dimensions (mm)



Wiring diagram



Note:

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

Technical Characteristics

Overview

The Quick Home Connect is a solution that allows connecting a wireless switch with a micro module light switch. Pairing occurs quickly with a 5-time press on each device. The solution does not require a gateway or a smartphone with Wiser by SE app. Quick Home Connect Kit includes one battery-powered wireless switch and one micro module light switch.

Main data - Quick Home Connect Kit

Commercial Reference	WDE002940
E-number	FI 26 221 76
Product colour	□ White
Product or component type	Quick Home Connect Kit

Technical data - Connected Wireless Switch 1-gang

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
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 %

Certification

CE, Zigbee 3.0

Technical data - Micro Module Light Switch

Loads

LED lamp 230 V		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

Characteristics

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

Environment

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

Complementary

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

Certification

CE, Zigbee 3.0

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
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Wiser™
Exxact™
Accessories
Exxact IP44 Enclosure





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Schneider Electric's connected
technology for homes



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

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

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
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Wiser™
Exxact™
Accessories
Exxact Surface Ceiling Outlet



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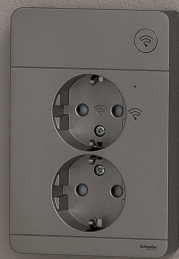
Technical Characteristics

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	WDE005002
E-number	SE 18 201 96 NO 15 131 16 FI 11 105 35
Product colour	<input type="checkbox"/> White

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

For more detailed information, refer to the Wiser Guides online. Scan the QR code or follow the link:
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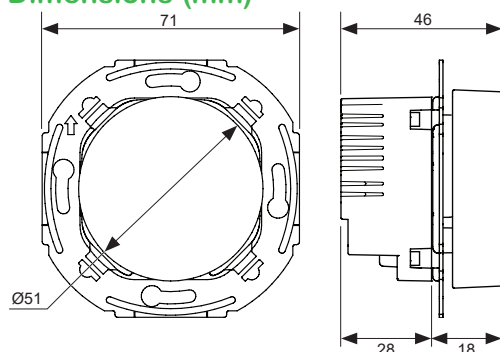


Renova

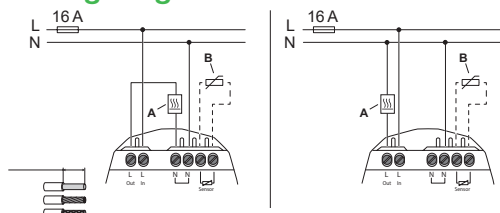




Dimensions (mm)



Wiring diagram



Wiring options:

A Output: Max. 16 A live
B Input: Floor sensor (optional)

Note:

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

Technical Characteristics

Overview

The Connected Thermostat Room/Floor 16 A is used for electric underfloor heating or electric radiators. The thermostat can control mains powered motorized valves or circulating pumps for water-based heating.

Main data

Commercial Reference	WDE011680	WDE011682
E-number	SE 85 806 73 FI 26 099 42	SE 85 806 74 FI 26 099 43
Product color	<input type="checkbox"/> White	<input checked="" type="checkbox"/> Anthracite

Features

Nominal voltage	AC 230 V ~, 50 Hz
Max. current rating	16 A
Standby	Max. 0.4 W
Connecting terminals	Screw terminals for max. 2.5 mm², 0.5 Nm
Neutral conductor	Required
Temperature accuracy	Max. ±0.5 °C (across the range of 4 to 30 °C)
Temperature measurement resolution	Max. 0.1 °C
Display	7 × 5 dot matrix, 3 additional LEDs
Operating frequency	2.405 GHz to 2.48 GHz
Max. radio-frequency power transmitted	< 10 mW
Floor sensor types	10 k, 12 k, 15 k, 33 k, 47 k (Thermistor resistance values in Ohm. Nominal value at 25 °C)
Protection class	II
Working voltage	230 V
Over-voltage category	III
Rated impulse voltage	4 kV
Pollution degree	2
CTI rating of insulation components	175 V
Material group	IIIa (based on CTI value)
Disconnection type	1.B

Control Options

- Direct operation: The thermostat can always be controlled on-site
- Room air temperature sensor only
- Floor sensor only
- Air room temperature for control and floor sensor for limiting heating temperature

Environment

Operating temperature	0 to 40 °C
Relative humidity	max. 90 % non-condensing

Certification

Zigbee 3.0

Note:

- The thermostat works with several floor sensor types.
- The floor sensor cable is not included in the package. It must be procured separately.

For more detailed
information, refer to the
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Peace of mind through... Well-being Performance

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

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