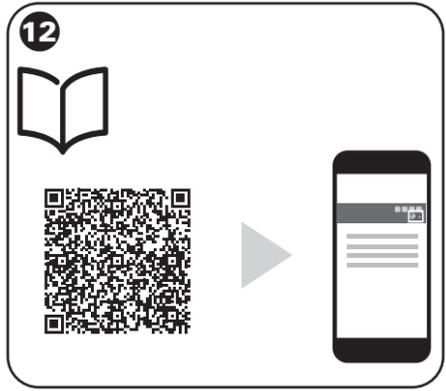
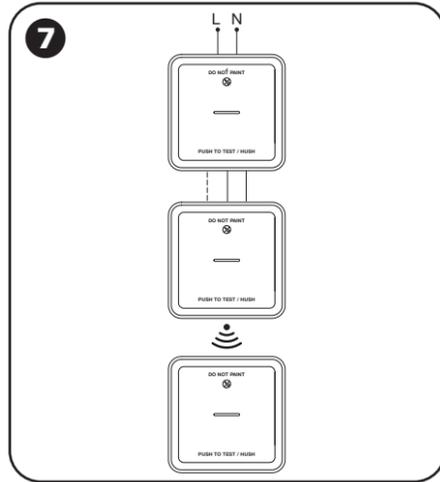
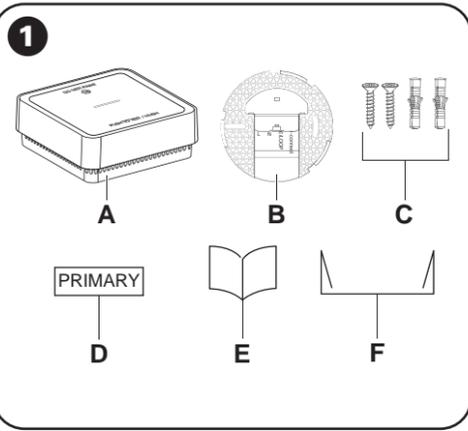




CLP599WSA



WiFer



Wiser Smoke Alarm 240V Square

**▲▲ DANGER**

**HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH**

Safe electrical installation must be carried out only by skilled professionals. Skilled professionals must prove profound knowledge in the following areas:

- Connecting to installation networks
- Connecting to several electrical devices
- Laying electrical cables
- Safety standards, local wiring rules and regulations

**Failure to follow these instructions will result in death or serious injury.**

**NOTICE**

**EQUIPMENT INSTALLATION HAZARD**

- Always operate the product in compliance with the specified technical data.
- Keep the installation instruction for the life of the product.

**Failure to follow these instructions can result in equipment damage.**

**▲ WARNING**

**SEALED BATTERY HAZARD**

Do not recharge, disassemble or incinerate the battery.

**Failure to follow these instructions can result in death, serious injury or equipment damage.**

**About this product**

The Wiser Smoke Alarm 240 V Square (device) uses a photoelectric sensor to detect smoke generated by fire and a temperature sensor that detects heat caused by rapid increase in temperature. It also includes a backup battery that allows the device to work if the power supply is disconnected. When connected to the Wiser system, the device will send notifications via the Wiser app.

**1 Package contents**

- A Wiser Smoke Alarm 230 V
- B Mounting base
- C 2 Screws (M3.5 x 20 mm), 2 wall plugs
- D Primary label
- E Installation instructions
- F Dust cover

**2 Operating elements**

- G Status LED (Amber, Green and Red LED)
- H Standby LED (Red LED)
- I Test/Hush button
- J Power switch (Battery)

**OFF/Auto:** In this position the device is turned off. When the device is mounted on the mounting base, it turns on automatically. When it is removed, it turns off automatically.

- K Setup/Reset Button

**3 Choose suitable location to install**

**NOTICE**

**EQUIPMENT DAMAGE**

- Do not install in garages, kitchens, bathrooms or any area with high levels of moisture, dirt or insects.
- Do not remove the dust cover until all construction work is completed. Construction dust and chemicals causes malfunction and false alarms.
- Install more than 0.3 m away from light source and 1 m away from air conditioners/heater vents and fans, electrical sources, appliances and fittings.

**Failure to follow these instructions can result in equipment damage.**

**The device can be installed on:**

- a. Flat ceiling
- b. Inclined ceiling
- c. Wall

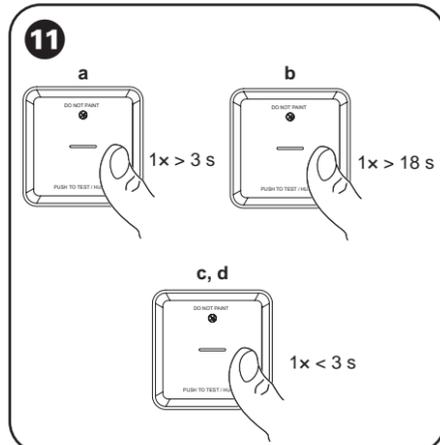
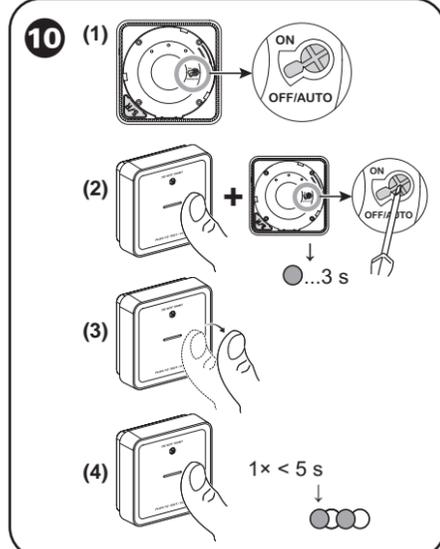
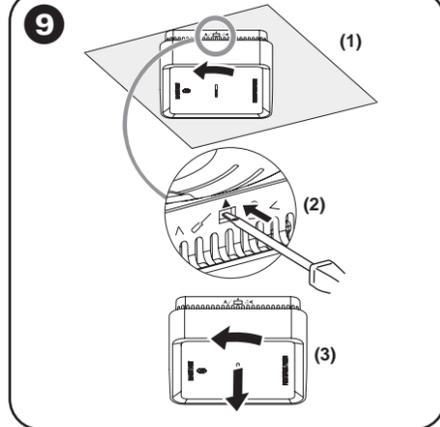
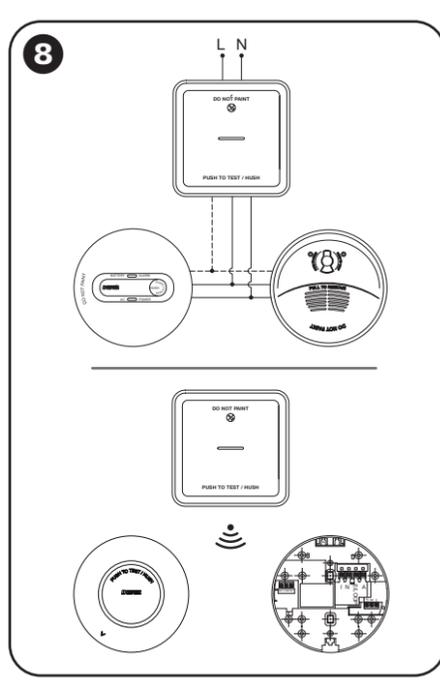
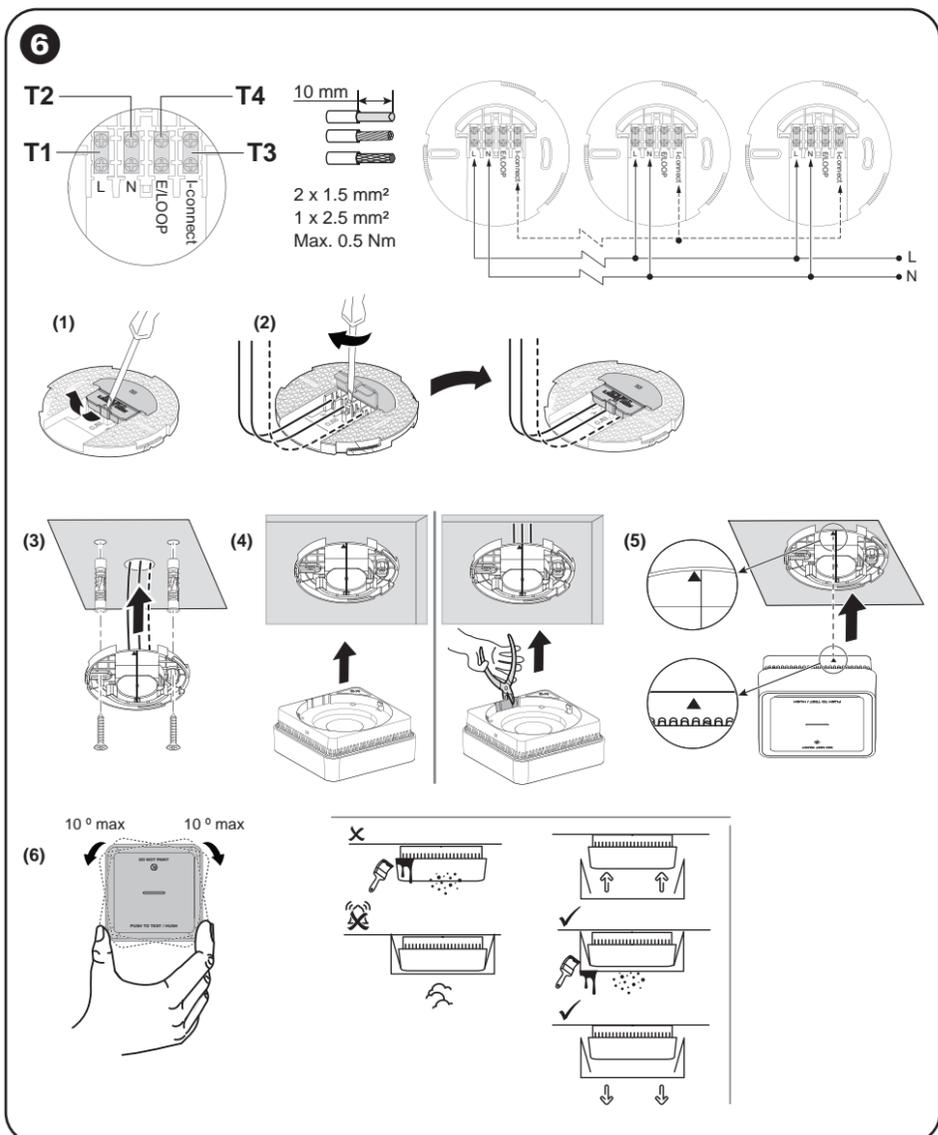
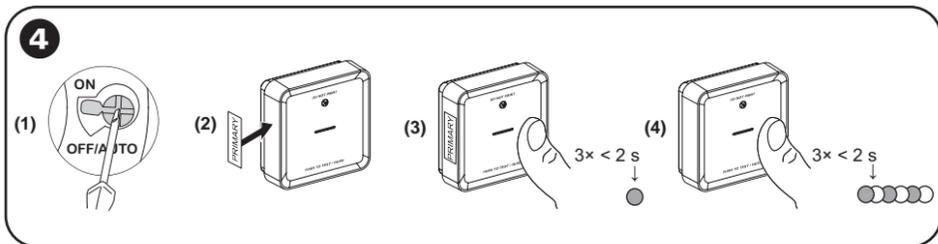
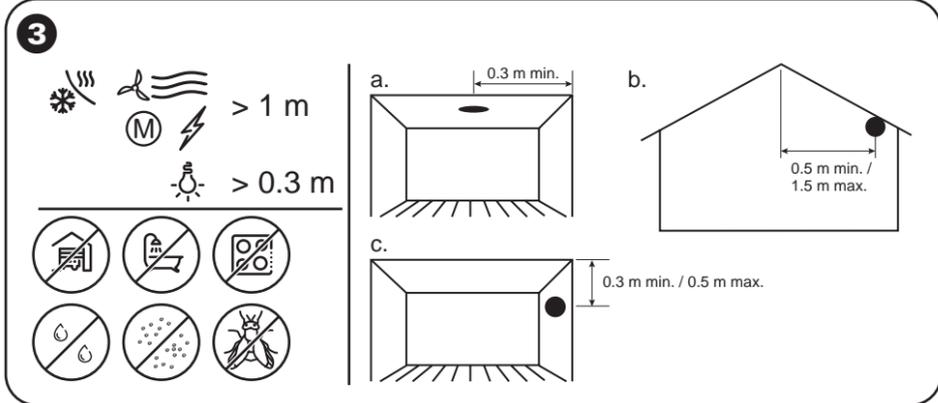
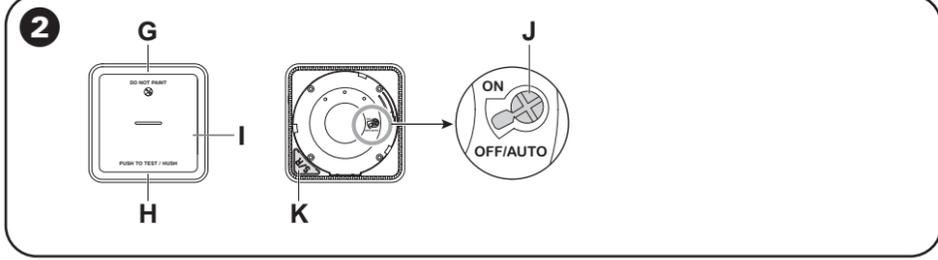
**4 Setup wireless connection without Wiser Hub**

The smoke alarms (devices) can be connected to each other via RF connections even without a Wiser Hub.

**Note:** It is also compatible with 755RFB2 and 755LPSMA4. For more information about interconnecting, refer to respective user manual.

Read the following steps before starting the interconnection.

1. Turn the power switch to ON position on all devices.
2. Identify a device and mark it as Primary with the label supplied. Other devices are considered as Secondary.
3. Short press the Test/Hush button 3 times within 2 s on the primary device. The Standby LED turns on for 30 s once it is in pairing mode.



- Identify a secondary device and short press the Test/Hush button 3 times within 2 s. The Standby LED blinks 3 times on both primary and secondary devices indicating successful RF connection. Then on the primary device the Standby LED again turns on for 30 s.

Repeat step 4 on all secondary devices.

To ensure correct interconnection, conduct an interconnection test on all smoke alarms before and after installation.

**Note:** To exit from pairing mode, short press (< 0,5 s) the Test/Hush button 3 times on the Primary device. The Standby LED turns off indicating that the Primary device is not in pairing mode.

## 5 Connecting to Wiser Hub

Short press the setup/reset button 3 times, the status LED blinks amber. Then add the device in the Wiser app by following the instructions in the app.

When multiple devices are paired to the Wiser Hub, wireless connection between the devices is created automatically.

To add a Wiser Hub and a Wiser Smoke alarm to an existing FireTek alarm network, the wireless interconnection must be reconfigured. Pair the Wiser Smoke Alarm with the Wiser Hub, and then pair the standalone smoke alarms with the Wiser Smoke Alarms.

For more information, refer to the device user guide and system user guide.

## 6 Installing the device

### Connection elements

**T1** Active terminal

**T2** Neutral terminal

**T3** Wired interconnection terminal

**T4** Earth/Loop terminal

**⚠ ⚠ DANGER**

**HAZARD OF ELECTRIC SHOCK**

- Make sure that the terminal connection area does not come in contact with the metallic parts of any device installed in the same location.
- When working on the device, always disconnect the device from the power supply.

**Failure to follow these instructions will result in death or serious injury.**

**⚠ WARNING**

**EQUIPMENT INSTALLATION HAZARD**

- All interconnected smoke alarms must be supplied from the same circuit.
- A common Neutral must be used for the Interconnect to operate.
- DO NOT connect Live or Neutral wire to terminal T3.
- Max 40 smoke alarms can be interconnected.
- DO NOT use non-pure sinusoidal power sources (e.g. power derived from square-wave invertors).

**Failure to follow these instructions can result in death, serious injury or equipment damage.**

- Open the terminal cover on the mounting base with a flat-headed screwdriver.
- Connect wires to the mounting base terminals according to the connection diagram and then close the terminal cover.
- Install the mounting base on the wall or ceiling and make sure that the center line on the mounting base is parallel to the wall.
- Prerequisite for installation:
  - For prewired ceiling, install the device on the mounting base without modification.
  - For surface mounted cable, remove the cut out on the side of the device and then install it on the mounting base.
- Position the device on the mounting base. Make sure that the arrows on the device and mounting base are aligned.
- Rotate the device clockwise until it locks onto the mounting base.

### Note:

- Make sure that the device is parallel to the wall, otherwise rotate and adjust it to +/- 10 °.
- Turn on the power supply and make sure that the green LED glows on the device which indicates that the device is powered by mains power supply.

## 7 Set up wired connection and combination of wired and wireless connection

### Important:

- A wireless connection saves wires and cables. If the devices are connected only via wires, then no additional configuration is required.
- Make sure that the wireless connection is established in all the devices before setting up a combined wired and wireless connection between the devices, for more information refer to "Setup wireless connection without Wiser Hub" in Section 4.

## 8 Compatibility with other CLIPSAL smoke alarms

The smoke alarm (device) is compatible with other CLIPSAL smoke alarms.

Compatible devices for Wire connection: 755WSA, 755PSMA4, 755RLPSMA4, 755PFM4

Compatible devices for Wireless connection: CLP599WSAL, 755WSA, 755LPSMA4, 755RFB2

### Important:

#### Wired connection:

- A common neutral must be used on all wired devices.

- No additional configuration is required if all devices are wired in a group.

- Wiring with 755RFB2 is not recommended.

### Wireless connection:

- The wireless connection must be established on all devices according to section 4 and refer to device instructions.

- If devices are connected to the hub, identify one as primary and consider the 755LPSMA4 / 755RFB2 as secondary.

### Combined wired and wireless connections:

Follow everything mentioned in wired connection and wireless connection above.

## 9 Removing a device from the mounting base

- Rotate the device anti-clockwise to the end position.
- Insert a flat-headed screwdriver into the small opening of the device further to unlock it from the mounting base.
- Hold the screwdriver into the small opening and then rotate the device anti-clockwise to pull it off from the mounting base.

## 10 Disconnecting a secondary device from RF interconnection

### Note:

- Remove a secondary device from the mounting base see "Removing a device from the mounting base".

- Do not remove the Primary device.

- Read the following steps before disconnecting a secondary device.

- Make sure that the power switch is in OFF/AUTO position.
- Press and hold the Test/Hush button and simultaneously turn the power switch to ON position. The Standby LED turns on for 3 s.
- Continue to hold the Test/Hush button until the Standby LED turns off. Then release the Test/Hush button.
- Short press the Test/Hush button when the Standby LED is again turned on for 3 s. The Standby LED blinks until 5 s, indicating that the RF is disconnected. Then the Status LED blinks green 7 times indicating that the power is resuming.

**Note:** After disconnecting from RF interconnection, turn the power switch to OFF/AUTO position.

## 11 Operating the device

**⚠ CAUTION**

**DO NOT USE OPEN FLAME**

Do not use an open flame of any type to test a device.

**Failure to follow these instructions can result in equipment damage.**

### a. Testing the device

**Important:** Test the device once in a month to ensure proper operation.

Press the Test/Hush button on each device for more than 3 s until an alarm goes off. If the test alarm does not go off, then the device is not connected to power supply.

### b. Testing all interconnected devices by one operation

- Select any interconnected device.

- Press and hold the Test/Hush button for more than 18 s until an alarm goes off on all interconnected devices. If there is no alarm triggered on the interconnected devices, make sure that the wireless interconnection setup is correct. Also the distance between each device is within the specification.

**Note:** The triggered alarm on the interconnected devices remains for a longer time even if you release the Test/Hush button.

### c. Silencing the device:

#### Hush feature

- During an alarm event, identify the device(s) which is/are blinking Red LEDs then short press the Test/Hush button on the device to stop the alarm.

**Note:** The device is still sensitive to high temperature when smoke alarming is hushed. Later the device resumes to normal operation. During this hush time, the Standby LED blinks once every 8 s.

- In an interconnected group, if more than one device has a blinking Red LEDs and active alarm, short press the Test/Hush button on all devices. All interconnected devices stops alarm within 5 to 10 s.

### Temporary disablement

To temporarily disable the smoke detection in a device, short press the Test/Hush button once when the device is in Standby mode. The specific device will not be sensitive to smoke for 10 minutes. During this mode the Standby LED blinks once every 8 s.

### d. Snoozing the device alerts:

#### • Low battery

When the battery is low, the Standby LED blinks and 1 beep occurs every 48 s. You can snooze the low battery indication for 10 hours by short pressing the Test/Hush button.

**Important:** The user must replace the device within 30 days from the first alert.

#### • Fault detection

When a fault is detected in the device, the Standby LED blinks and 2 beep occurs every 48 s. You can snooze the indication for 10 hours by short pressing the Test/Hush button.

#### • Alarm memory

In an interconnected group, the Standby LED on the triggered device blinks once every 2 s till 72 hours after the alarm has stopped. This allows you to identify the device that was triggered.

Short press the Test/Hush button once to snooze the blinking LED for 10 hours.

## 12 Read full device user guide online

**Scan the QR code** for complete information about the device, including operation, configuration and using the product with a Wiser system.

## Standby LED and alarming sound indications

Operating mode	Standby LED	Alarming Sound	Duration
Normal mode / Standby mode	Blinks every 48 s	OFF	—
<b>ALARM MODE</b>	Local alarm	Blinks every 1 s	3 beeps every 4 s
	Interconnected alarm	OFF	3 beeps every 4 s
Test mode	1 blink every 1 s	3 beeps every 4 s	Until Test/Hush button is released
Wireless interconnection test	OFF	Continuous 3 beeps every 4 s	25 s
Hush mode	Blinks every 8 s	OFF	10 min
Low battery mode	Blinks every 48 s	1 beep every 48 s	End of life: replace the device
Fault mode	2 blinks every 48 s	2 beeps every 48 s	Until the detected fault is cleared
<b>SNOOZE MODE</b>	Low battery	Blinks every 24 s	OFF
	Fault	2 blinks every 24 s	OFF
	Alarm memory	Blinks every 48 s	OFF

Green LED			
<b>Mains power ON</b>	ON	—	—

## Troubleshooting

Issue	Resolution/Action
<b>The device does not produce an alarm sound when tested.</b>	<ol style="list-style-type: none"> <li>Make sure that the device is installed correctly. If you are unsure then remove and reinstall the device (Refer to "Installing the device").</li> <li>Press Test/Hush button until an alarm sound is produced. Do not press consecutively.</li> <li>If the problem persists or if you have questions about the warranty, contact customer care center.</li> </ol>
<b>The device beeps and Standby LED blinks every 48 s.</b>	Battery may be low or drained. Replace the device.
<b>The device beeps twice and Standby LED blinks every 48 s.</b>	<ol style="list-style-type: none"> <li>Clean the device. Refer to Maintenance section.</li> <li>If the problem persists or if you have questions about the warranty, contact customer care center.</li> </ol>
<b>The device produces an alarm sound unexpectedly without smoke or steam or high temperature.</b>	<ol style="list-style-type: none"> <li>Identify the triggered device, indicated by a blinking Standby LED and 3 beeps every 4 s.</li> <li>Press Test/Hush button to pause the alarm sound. Then the interconnected device stops alarming within 10 s.</li> <li>Clean the device. Refer to Maintenance section.</li> <li>Reinstall the device and test.</li> <li>If the problem persists or if you have questions about the warranty, contact customer care center.</li> </ol> <p><b>Note:</b> After an alarm event, the triggered device is the one that has Standby LED blinking every 2 s. Identify the device and follow steps 3 to 5.</p>

## Maintenance

It is recommended that the device is inspected monthly to ensure it is free from dirt, dust and insects. The alarm can be vacuumed or brushed with a soft brush to remove dust, dirt or kitchen grease that has accumulated. Apply a small amount of insect surface spray to a cloth and wipe around alarm/s every 3-6 months to mitigate insect ingress.

**Important:** Always test the device after cleaning.

**NOTICE**

**EQUIPMENT MAINTENANCE INSTRUCTIONS**

- Test the device regularly to make sure its functionality and the battery is in good condition.
- Replace the device after 10 years from the date of manufacturing.
- Do not open the device casing or repair yourself. There are no serviceable parts inside.

**Failure to follow these instructions can result in equipment damage.**

Technical data	
<b>Power supply</b>	220-240 VAC, 50 / 60 Hz
<b>Back up battery Life</b>	10 years
<b>Operating Current</b>	≤40 mA
<b>Sensing Type</b>	Photoelectric. This alarm contains NO radioactive material.
<b>Operating Temperature</b>	0 °C to 45 °C
<b>Ambient Humidity</b>	5% to 95%
<b>Cable interconnection</b>	Max. 40 devices up to 150 m
<b>Wireless interconnection</b>	RF+Zigbee, max. 40 devices in one network
<b>Terminal provisions</b>	Active, Neutral, Loop and Interconnect terminals, each accommodates 2 × 1,5 mm <sup>2</sup> or 1 × 2,5 mm <sup>2</sup>
<b>Operating frequency</b>	Zigbee: 2405 - 2480 MHz RF: 433 MHz
<b>Wireless Range</b>	40m indoor line of sight
<b>Horn Level</b>	85 dB at 3 m
<b>Mounting Type</b>	Mounting on ceiling and wall only
<b>Dimensions (H × W × D)</b>	115 × 115 × 46 mm
<b>Standard</b>	AS 3786: 2014+A1: 2015+A2: 2018
<b>Certification</b>	Zigbee 3.0 RCM Activfire SAI Global

## Trademarks

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## Schneider Electric (Australia) Pty Ltd

33-37 Port Wakefield Road, Gepps Cross SA 5094

**Customer Care:** 13 73 28

**Email:** [customercare.au@se.com](mailto:customercare.au@se.com)

**Warranty:** <https://www.se.com/au/en/about-us/legal/terms-and-conditions.jsp>

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