

Technical Characteristics

Wiser Sensors



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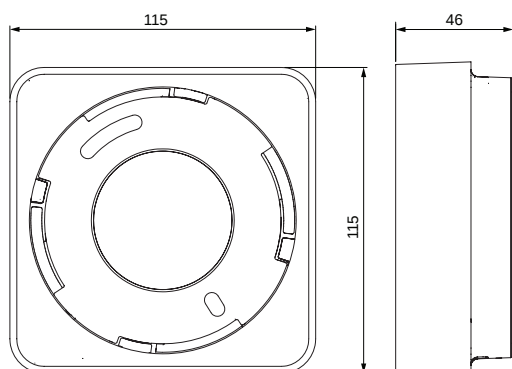
Wiser by SE app



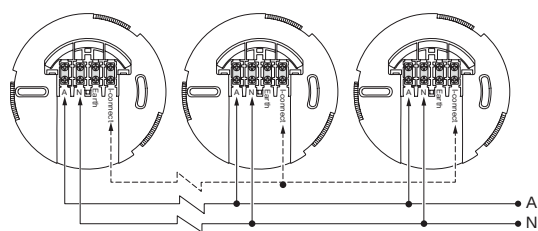
The Wiser Smoke Alarm 240 V Square combines a photoelectric smoke alarm with smart home functions. Interconnecting with existing wireless Fire Tek® smoke alarms via RF, the Wiser smoke alarms can be used separately or as part of a Wiser Smart Home System. The Wiser by SE app provides push notification alerts if smoke is detected, and automations can also be programmed to turn lights ON or flash to help provide fast warning if smoke is detected. The dual spectrum smoke sensing technology helps to mitigate false alarms for added confidence.



Dimensions (mm)



Wiring diagram



Wiser Smoke Alarm - 240 V Square

Identification	
Commercial Reference	CLP599WSA
Product colour	White
Product or component type	Sensor
Power	
Power supply	220-240 V AC, 50 / 60 Hz
Operating current	≤ 40 mA
Back up battery life	10 years
Characteristics	
Sensing type	Photoelectric. This alarm contains NO radioactive material
Interconnecting	RF + Zigbee, max. 40 devices in one network Compatible devices for wired connection: 755WSA, 755PSMA4, 755RLPSMA4, 755PFM4 Compatible devices for wireless connection: CLP599WSAL, 755WSA, 755LPSMA4, 755RFB2
Terminal provisions	Active, neutral, loop and interconnect terminals, each accommodates 2 × 1.5 mm ²
Operating frequency	Zigbee: 2405 - 2480 MHz RF: 433 MHz
Wireless range	40 m indoor line of sight
Horn level	85 dB at 3 m, minimum
Hush mode duration	10 minutes
LED brightness levels	High / Low
Alarm memory	72 hours
Temperature for alarm	If temp > 57 °C
Environment	
Operating temperature	0 °C to 45 °C
Ambient humidity	5 % to 95 %
Installation	
Dimensions (H × W × D)	115 × 115 × 46 mm
Installation method	Mount on ceiling and wall only
Package content	Wiser Smoke Alarm 240 V Square, mounting base, 2 screws, 2 wall plugs, primary label, instruction sheet, dust cover
Certification	
Zigbee 3.0, AS 3786: 2014 + A1: 2015 + A2: 2018, RCM 	

Note:

Download the Wiser by SE app to your smartphone, and install the Wiser Hub 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 User Guides online. Scan the QR code or follow the link: <https://www.productinfo.schneider-electric.com/clipsal/>

