CLIPSAL®

Fire Tek® and Wiser™

Photoelectric Smoke and Heat Alarms



Advancing Energy Tech

Schneider Electric™



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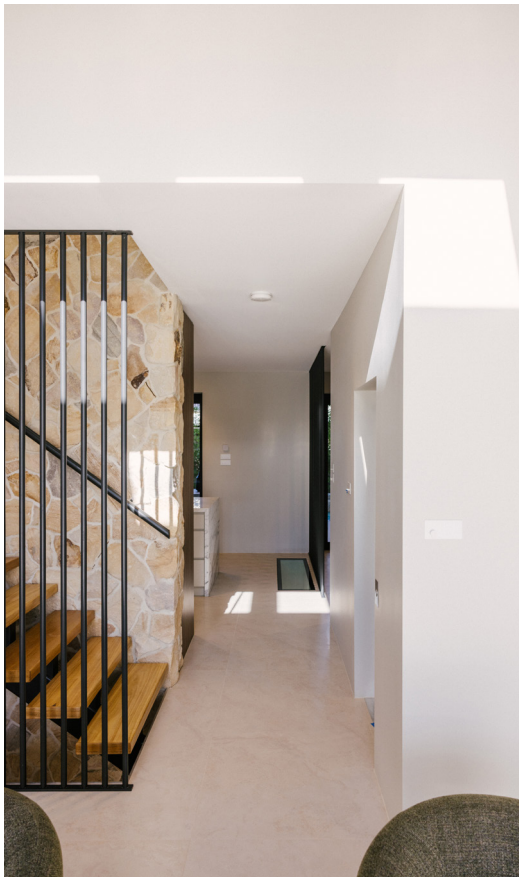
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Features and benefits

- Flush-mount and surface-mount options available
- Stylish, modern robust designs
- Photoelectric technology helps detect smouldering fires
- Interconnected smoke and heat alarms for every area of the home
- Dual spectrum photoelectric technology helps reduce false alarms - available on the latest Fire Tek® (755PSMA5, 755PSMA5L) and Wiser™ smoke alarms
- Mains-powered, 220–240 V AC and 10-year lithium battery-powered models
- 10-year lithium battery backup options with 240 V surface-mount alarms
- Wiser™ smoke alarms provide smart home connectivity for added functionality.
- Current Fire Tek® alarms can clip into legacy Clipsal 755 series mounting bases, allowing alarm upgrades without replacing the existing base in most retrofit applications.
  - Surface-mount, mains-powered - 755PSMA5, 755PSMA5L and 755HA5L fit the standard surface bases supplied with legacy 755PSMA2/4 and 755RLPSMA2/4 alarms.
  - Flush-mount - 755PFM4 fits legacy flush-mount bases including 755FM and 755PFM alarms.
- Built-in test/hush buttons and optional remote test/hush function when using 755RB5 and 755RFB2 mounting bases
- Loud alarm indication: 85 dB at three metres
- Interconnect up to 40 units
- Wirelessly interconnect between Wiser smoke alarms, lithium battery alarms and surface-mount 230 V alarms using 755RFB2 wireless base
- Connect third-party devices, i.e., lighting, security alarms and home automation systems, using optional 755RB5 relay mounting base, 756 module or Wiser Relays with Wiser smoke alarms



Certified to applicable fire alarm standards

All Fire Tek® and Wiser™ smoke alarms are manufactured to meet applicable quality and certification requirements. They meet all relevant Australian Standards and are ActivFire listed to comply with the Building Code of Australia. They also come with a 10-year limited warranty (model dependent) and carry the “Five Ticks Standards Mark™" SAI Global Certification.

Why choose photoelectric?

A significant number of home fires occur each year in Australia. According to fire authorities, fire hazards present the highest risk when occupants are sleeping. The most likely type of fire encountered while occupants are sleeping is a smouldering fire.

Our sense of smell decreases when sleeping, so early warning of any fire is imperative to allow enough time to escape. Photoelectric smoke alarms can provide early detection of smouldering fires under applicable test conditions in the home so that occupants can escape quickly and safely.

The latest Fire Tek® smoke alarms (755PSMA5, 755PSMA5L) and Wiser™ smoke alarms also use dual spectrum photoelectric technology for improved performance and to help mitigate against false alarms.

Photoelectric smoke alarms are also recommended by Australian Fire Departments and contain no radioactive material, making them easy to dispose of.

Smoke alarm maintenance

Like other electrical accessories in the home, smoke alarms require maintenance to ensure efficient and effective operation.

Test the smoke alarm and battery every month

It's important that the smoke alarm and battery backup are checked regularly to ensure the best protection for any home. To test, press the *Test/Hush* button on the unit, or via the remote *Test/Hush* wall switch (remote function only available on 240 V surface mounting bases).

The Wiser smoke alarms can also provide a monthly test reminder notification on your customer's phone.

Checking the battery should be done with the mains power switched off. The alarm should sound, indicating that the battery condition is acceptable. If the unit fails to respond, the battery should be replaced without delay.

The battery level of the Wiser Smoke alarms can also be checked in the Wiser app.

Ensure you clean the alarm of dust or insect ingress each month to avoid any unwanted false alarms.

Replace the battery every year

Your customers should replace smoke alarm batteries once a year to ensure that they work correctly. Recommend that they choose a common date that occurs every year and is easy to remember (i.e., birthdays, end/start of daylight saving).

Or install a lithium battery-powered alarm or a mains-powered lithium battery backup alarm, which does not require battery replacement.

Replace the smoke alarm every 10 years

All smoke alarms have a limited service life of 10 years. After that period, the entire smoke alarm unit must be replaced with a new one.

Smoke and heat alarms in the home

The Building Code of Australia mandates the installation of smoke alarms located outside of sleeping areas and at least one on each level of every new home (interconnected) – but is one enough? And where should it/they be located to ensure correct operation? (Always check local fire safety regulations for any requirements above that of the building code.)

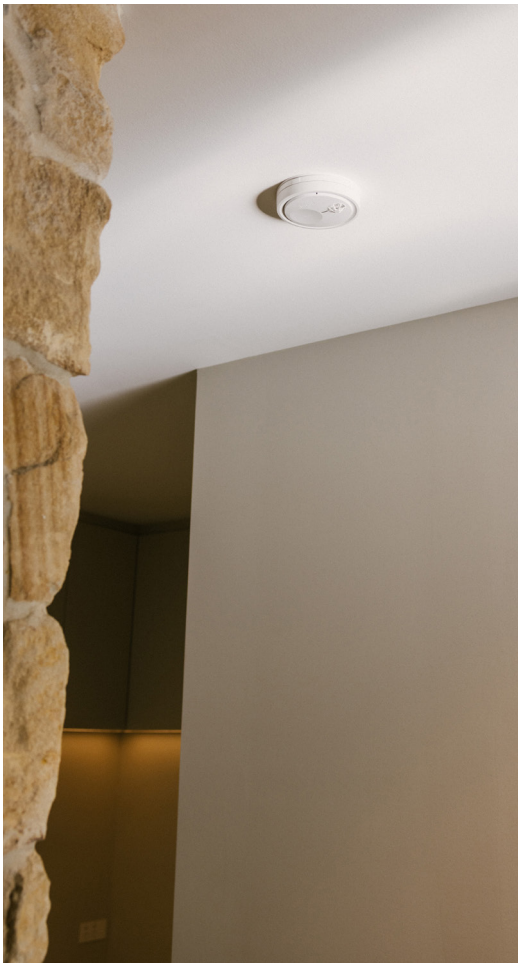
In QLD, every new home with building approval granted after 1st January 2017 must have photoelectric mains-powered smoke alarms installed in every bedroom, and be interconnected. Clipsal recommends multiple smoke and heat alarms to be installed to provide optimum protection for your family. Australia-wide, interconnected smoke alarms are mandatory for new homes as of May 2014. For existing properties in QLD, as of January 2022 for rental properties and as of 1st January 2027 for all remaining homes, you must have either 240 V or 10-year lithium-powered interconnected smoke alarms installed in bedrooms and hallways.

Smoke alarm locations require careful consideration. Avoid certain areas that could cause false alarms or nuisance tripping. It is recommended to install an alarm in every room (excluding kitchen, laundry and bathrooms) and interconnect them for maximum protection.

In areas where smoke alarms are unsuitable, heat alarms are recommended. Activated by rapid increases in temperature rather than smoke, they provide fire detection in kitchens, laundries, and other environments where smoke alarms may be prone to nuisance activations.

Together, smoke and heat alarms provide optimal fire detection coverage across the home.





Quick Selection Guide

Fire Tek Smoke Alarm Specifications

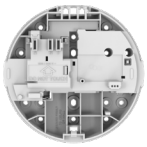
Product	Description	Key Features
 755PSMA5	Photoelectric Smoke Alarm, Surface - Mains Powered - Battery Backup	• Allows interconnection of up to 40 smoke and heat alarms. • Wired interconnection as standard. Wireless interconnection available when mounted on the 755RFB2 wireless base. • Flip-down design with flexible mounting hole options enables quick installation and easy maintenance. • 9 V alkaline backup battery for continued operation during mains power outage. • Enables both wired and wireless communication with Clipsal 755 series alarms and Wiser smoke alarms.
 755PSMA5L	Photoelectric Smoke Alarm, Surface - Mains Powered - Lithium Battery Backup	• Allows interconnection of up to 40 smoke and heat alarms. • Wired interconnection as standard. Wireless interconnection available when mounted on the 755RFB2 wireless base. • 10-year sealed lithium backup battery helps maintain operation during mains power outages and removes the need for annual backup-battery replacements. • Flip-down design with flexible mounting hole options enables quick installation and easy maintenance. • Enables both wired and wireless communication with Clipsal 755 series alarms and Wiser smoke alarms.
 755LPSMA4	Photoelectric Smoke Alarm, Surface - Lithium Battery Powered	• Powered by a 10-year sealed lithium battery, it means no more replacing backup batteries annually. • Built-in wireless interconnection (wireless connectivity only) • Interconnects up to 40 devices – including other 755LPSMA4 alarms, the 755HA5L Heat Alarm, Wiser smoke alarms, and 755 series mains-powered surface alarms when mounted on a 755RFB2 base. • Low profile design blends into its surrounds.
 755PFM4	Photoelectric Smoke Alarm, Flush - Mains Powered - Battery Backup	• Slim, unobtrusive design • Fast installation with a 90 mm cut-out and extra-large terminals. • Allows up to 40 Fire Tek smoke alarms to be interconnected. • Wired interconnection only – flush-mount model is not compatible with the 755RFB2 wireless base. • The robust clip-in alarm design makes installation and maintenance simple.
 755HA5L	Heat Alarm, Surface - Mains Powered - Lithium Battery Backup	• Allows interconnection of up to 40 smoke and heat alarms. • Detects fire through heat sensing technology, making it ideal for high-nuisance areas where steam, dust, or cooking fumes may cause false alarms. • 10-year sealed lithium backup battery helps maintain operation during mains power outages and removes the need for annual backup-battery replacements. • Supports both wired and wireless interconnection. Wireless is built in, enabling wireless connection to 755RFB2 units, Clipsal 755 series alarms, and Wiser smoke alarms.

Quick Selection Guide

Wiser Smoke Alarm Specifications

Product	Description	Key Features
 CPL599WSAL	Wiser Smoke Alarm, Surface - Lithium Battery Powered	• When used with Wiser, it can provide push notification alerts and trigger automations. • Dual spectrum photoelectric sensing technology helps to mitigate false alarms for added confidence. • Powered by a sealed 10-year lithium battery. • Can be wirelessly interconnected to Wiser smoke alarms attached to the 755RFB2 base and 755LPSMA4 Fire Tek smoke alarms.
 CLP599WSA	Wiser Smoke Alarm, Surface, Square - Mains Powered - Lithium Battery Backup	• When used with Wiser, it can provide push notification alerts and trigger automations. • Dual spectrum photoelectric sensing technology helps to mitigate false alarms for added confidence. • Sealed 10-Year Lithium backup battery for continued operation during mains power outage. • Enables both wired and wireless communication with Clipsal 755 series alarms and Wiser smoke alarms.
 755WSA	Wiser Smoke Alarm, Surface, Round - Mains Powered - Lithium Battery Backup	• Fits onto existing Clipsal Fire Tek bases. • When used with Wiser, it can provide push notification alerts and trigger automations. • Dual spectrum photoelectric sensing technology helps to mitigate false alarms for added confidence. • Sealed 10-Year Lithium backup battery for continued operation during mains power outage. • Enables both wired and wireless communication with Clipsal 755 series alarms and Wiser smoke alarms.

Accessories

Product	Description	Key Features
 755RFB2	Wireless Base - To Suit 755 Series Mains Powered Smoke Alarms	• Helps to integrate Clipsal smoke and heat alarms with devices like lights and sirens. • Wireless Mounting Base allows up to 40 smoke and heat alarms to be wirelessly interconnected. This is useful when adding a new alarm to an existing group, or if it is challenging to run interconnected cables. • A remote test/hush input to allow testing or silencing from a momentary wall switch.
 755RB5	Relay Base - To Suit 755 Series Mains Powered Smoke Alarms	• Helps to integrate Clipsal smoke alarms with devices like lights and sirens through a changeover, voltage-free relay contact. • A remote test/hush feature through momentary pushbuttons. • The relay can be configured to operate only when the local alarm is activated or when any interconnected alarm activates.
 756	Isolation Relay Unit	• Provides control of auxiliary devices such as lighting, sirens, strobes, or security systems when a smoke alarm is triggered. • The isolated changeover relay contacts activate when an interconnected signal is received from a Fire Tek smoke alarm.

Quick Selection Guide

Ordering Details

Commercial Reference No.	Description
755PSMA5	Photoelectric Smoke Alarm, Surface - Mains Powered - Battery Backup
755PSMA5L	Photoelectric Smoke Alarm, Surface - Mains Powered - Lithium Battery Backup
755LPSMA4	Photoelectric Smoke Alarm, Surface - Lithium Battery Powered
755PFM4	Photoelectric Smoke Alarm, Flush - Mains Powered - Battery Backup
755HA5L	Heat Alarm, Surface - Mains Powered - Lithium Battery Backup
CLP599WSAL	Wiser Smoke Alarm, Surface - Lithium Battery Powered
CLP599WSA	Wiser Smoke Alarm, Surface, Square - Mains Powered - Lithium Battery Backup
755WSA	Wiser Smoke Alarm, Surface, Round - Mains Powered - Lithium Battery Backup
Accessories	
755RFB2	Wireless Base - To Suit 755 Series Mains Powered Smoke Alarms
755RB5	Relay Base - To Suit 755 Series Mains Powered Smoke Alarms
756	Isolation Relay Unit



Fire Tek® Smoke and Heat Alarms



Fire Tek® Smoke Alarms

Photoelectric Smoke Alarm, Surface - Mains Powered - Battery Backup

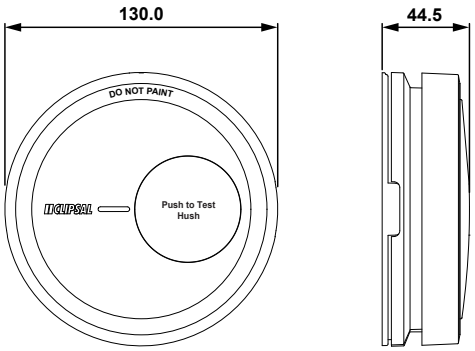
Mains-powered photoelectric smoke alarm with a replaceable 9 V backup battery for continued protection during power outages. Its dual spectrum photoelectric chamber delivers fast, reliable detection of smouldering fires while helping reduce false alarms. Hard-wire interconnects up to 40 devices, or add the 755RFB2 base for wireless interconnection. Retrofits onto existing 755 series mounting bases for easy upgrades.

Technical Characteristics

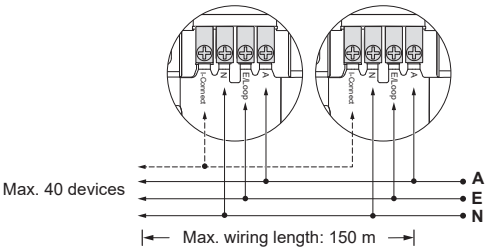
Identification	
Commercial Reference	**755PSMA5**
Product Colour	White
Power	
Power Supply	220–240 V a.c., 50 Hz
Operating Current	Max. 44 mA @ 220–240 V a.c.
Backup Battery Life	1 year - replaceable
Characteristics	
Sensing Type	Dual Spectrum Photoelectric smoke chamber. This alarm contains NO radioactive material.
Cable Interconnection	Max. 40 devices up to 150 m
Terminal Provisions	Active, Neutral, Earth/Loop and Interconnect terminals, each accommodates 2 × 1.5 mm^2 or 1 × 2.5 mm^2
Horn Level	85 dBA at 3 m
Hush Mode Duration	10 minutes
Alarm Memory	72 hours
Environment	
IP Rating	IP20
Application Area	Indoor use only
Storage Temperature	-20...65 °C
Operating Temperature	0...45 °C
Storage Humidity	0...90%, non-condensing
Ambient Humidity	0...90%
Installation	
Dimensions (ø × D)	Ø 140 × 44.5 mm
Mounting type	Mount on ceiling and wall only
Certification	
	ActivFire, SAI Global, RCM
Compliance	
Standard	AS 3786: 2023



Dimensions (mm)



Wiring Diagram



Trademarks

Certified Product ™ Australian Standard AS 3786: 2023 Lic SMK41555 SAI Global

Fire Tek® Smoke Alarms

Photoelectric Smoke Alarm, Surface - Mains Powered - Lithium Battery Backup

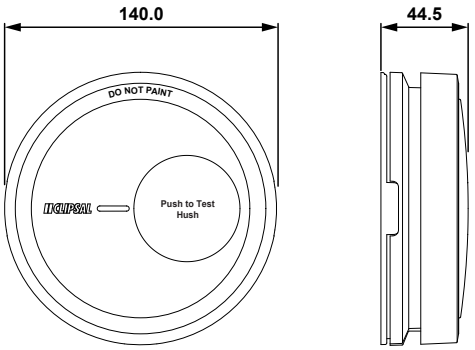
Mains-powered photoelectric smoke alarm with a sealed 10-year lithium backup battery - ensuring continued protection even if the power supply is disconnected, with no battery changes required for the life of the alarm. Its dual spectrum photoelectric sensing chamber delivers reliable detection of smouldering fires while helping reduce false alarms. Hard-wire interconnects up to 40 devices, or add the 755RFB2 base for wireless interconnection. Retrofits onto existing 755 series mounting bases for easy upgrades.

Technical Characteristics

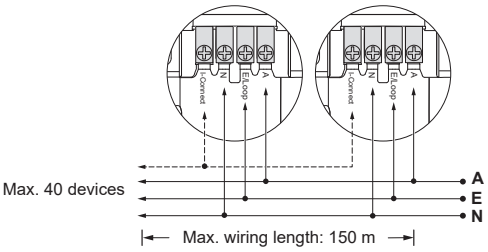
Identification	
Commercial Reference	**755PSMA5L**
Product Colour	White
Power	
Power Supply	220–240 V a.c., 50 Hz
Secondary Power Supply	3 V d.c., 1x CR17450 Non-replaceable lithium battery (EVE)
Operating Current	Max. 43 mA @ 220–240 V a.c.,
Backup Battery Life	10 years
Characteristics	
Sensing Type	Dual Spectrum Photoelectric smoke chamber. This alarm contains NO radioactive material.
Sensing Chamber	Optical sensing chamber with 1.2 mm PC mesh (for insect ingress protection)
Cable Interconnection	Max. 40 devices up to 150 m
Terminal Provisions	Active, Neutral, Earth/Loop and Interconnect terminals, each accommodates 2 × 1.5 mm² or 1 × 2.5 mm²
Wireless Range	40 m (Indoor line of sight)
Horn Level	85 dB at 3 m
Hush Mode Duration	10 minutes
Visual Indicators	Green LED for mains power ON. Red LED for warning and low battery indication
Alarm Memory	72 hours
Environment	
IP Rating	IP20
Application Area	Indoor use only
Storage Temperature	-20...65 °C
Operating Temperature	0...45 °C
Storage Humidity	0...90%, non-condensing
Ambient Humidity	0...90%
Installation	
Dimensions (ø × D)	Ø 140 × 44.5 mm
Mounting type	Mount on ceiling and wall only
Certification	
	ActivFire, SAI Global, RCM
Compliance	
Standard	AS 3786: 2023



Dimensions (mm)



Wiring Diagram



Trademarks

Fire Tek® Smoke Alarms

Photoelectric Smoke Alarm, Surface - Lithium Battery Powered

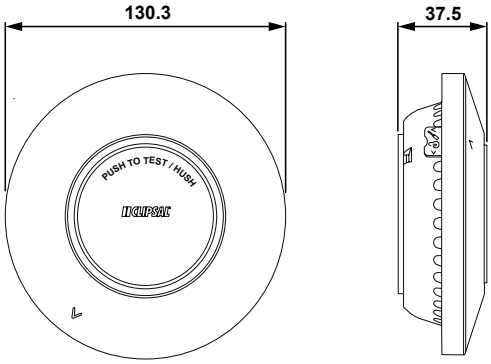
Photoelectric surface-mount smoke alarm with a sealed 10-year lithium battery, with no wiring and no battery replacements required. Its sleek, low-profile design blends into any décor and features a large, easy-to-use test/hush button. Built-in wireless interconnection links with other 755LPSMA4, 755HA5L alarms and other 755 series alarms through the use of the wireless base accessory (755RFB2), making upgrades simple and cost-effective. Ideal for compliance with QLD regulations for interconnected alarms.

Technical Characteristics

Identification	
Commercial Reference	**755LPSMA4**
Product Colour	White
Power	
Operating Current	<70 mA
Operating Voltage	3 V d.c. (Sealed-in Lithium battery)
Backup Battery Life	10 years
Characteristics	
Sensing Type	Type A, Photoelectric This alarm contains NO radioactive material.
Sensing Chamber	Optical sensing chamber with 0.8 mm Stainless steel mesh (for insect ingress protection)
Interconnecting	Wireless, 40 alarms maximum
Transmit Frequency	433.42 MHz
RF Range	To other units - 140 m (free air), 50 m (Indoor line of sight) To 755RFB2 units – 100 m (free air), 30 m (Indoor line of sight)
Horn Level	85 dB at 3 m min.
Hush Mode Duration	10 minutes
Alarm Memory	10 hours
Environment	
IP Rating	IP20
Application Area	Indoor use only
Operating Temperature	0...45 °C
Ambient Humidity	5...95%
Installation	
Dimensions (ø × D)	130.3 × 37.5 mm
Mounting Type	Mount on ceiling and wall only
Certification	
	ActivFire, SAI Global, RCM
Compliance	
Standard	AS 3786:2023, ISO 12239: 2021, and AS/NZS 60065



Dimensions (mm)



Trademarks

Australian Standard
AS3786: 2023
SMKW025550
SAI Global

Fire Tek® Smoke Alarms

Photoelectric Smoke Alarm, Flush - Mains Powered - Battery Backup

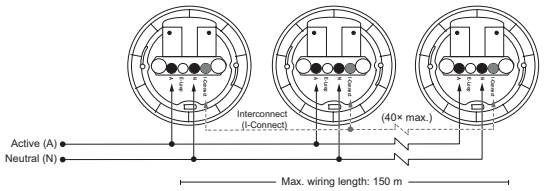
Photoelectric flush-mount smoke alarm offers mains power with battery backup and can interconnect with other 755 series alarms for whole-home safety. Its modern flush-mount design complements LED downlights, while quick installation and easy maintenance make it a smart choice. Built with robust digital technology for reliable performance.

Technical Characteristics

Identification	
Commercial Reference	**755PFM4**
Product Colour	White
Power	
Power Supply	220–240 V a.c., 50Hz
Operating Current	≤40 mA
Backup Battery Life	1 year
Characteristics	
Sensing Type	Type A, Photoelectric. This alarm contains NO radioactive material
Sensing Chamber	Optical sensing chamber with 0.8 mm Stainless steel mesh (for insect ingress protection)
Cable Interconnection	40 alarms over 150 m max.
Terminal Provisions	Active, Neutral, Loop and Interconnect terminals, each accommodates 3 x 2.5 mm^2
Horn Level	85 dB at 3 m min.
Hush Mode Duration	10 minutes
Visual Indicators	Green LED for mains power ON. Red LED for warning and low battery indication
Alarm Memory	72 hours
Environment	
IP Rating	IP20
Application Area	Indoor use only
Operating Temperature	0...45 °C
Ambient Humidity	5...95%
Installation	
Dimensions (ø × D)	ø108 x 102 mm
Mounting type	Ceiling mounted only
Certification	
	ActivFire, SAI Global, RCM
Compliance	
Standard	AS 3786: 2023, ISO 12239: 2021, AS/NZS 60065 and AS/NZS 60950.1



Wiring Diagram



Trademarks

Fire Tek® Smoke Alarms

Heat Alarm, Surface - Mains Powered - Lithium Battery Backup

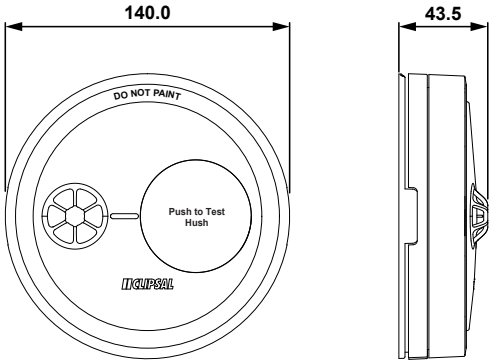
Mains-powered heat alarm that responds to rapid temperature rise (54–62 °C). Purpose-built for kitchens, garages and laundries, where steam, dust and fumes make smoke alarms prone to false alarms, but protection still matters. Features a sealed 10-year lithium backup battery and built-in wireless interconnection – linking with other 755 series alarms for complete home coverage. When fitted to a 755RB5 relay base, it can also trigger lights or external devices on heat detection.

Technical Characteristics

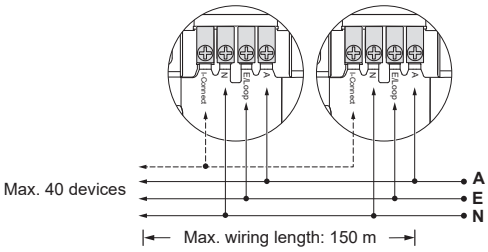
Identification	
Commercial Reference	**755HA5L**
Product Colour	White
Power	
Power Supply	220–240 V a.c., 50/60 Hz
Operating Current	Average current ≤ 95 mA
Backup Battery Life	10 years
Characteristics	
Sensing Type	Temperature sensor
Cable Interconnection	Max. 40 devices up to 150 m
Terminal Provisions	Active, Neutral, Earth/Loop and Interconnect terminals, each accommodates 2 × 1.5 mm^2 or 1 × 2.5 mm^2
RF Range	50 m (Indoor line of sight)
Horn Level	85 dBA at 3 m
Hush Mode Duration	10 minutes
Alarm Memory	72 hours
Environment	
IP Rating	IP20
Application Area	Indoor use only
Storage Temperature	-20...65 °C
Operating Temperature	0...45 °C
Alarming Temperature	54...62 °C
Storage Humidity	0...90%, non-condensing
Ambient Humidity	0...90%
Installation	
Dimensions (ø × D)	Ø 140 × 43.5 mm
Mounting type	Mount on ceiling and wall only
Certification	
	ActivFire, SAI Global, RCM
Compliance	
Standard	AS 1603.3: 2018
RF	• AS/NZS 4268 • AS/NZS 2772.2



Dimensions (mm)



Wiring Diagram



Trademarks

Wiser™ Smoke Alarms



Wiser™ Smoke Alarms

Wiser Smoke Alarm, Surface - Lithium Battery Powered

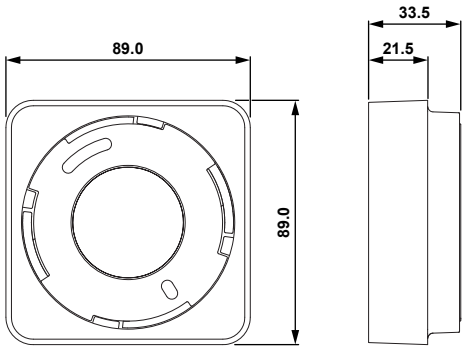
The Wiser Smoke Alarm Lithium Battery Square combines a photoelectric smoke alarm with smart home functions. Interconnecting with existing wireless Fire Tek® smoke alarms via RF, the Wiser battery powered alarms can be used separately or as part of a Wiser Smart Home System. The Wiser app provides push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

Technical Characteristics

Identification	
Commercial Reference	**CLP599WSAL**
Product Colour	White
Power	
Operating Voltage	3 V d.c. (Lithium Battery)
Operating Current	≤ 70 mA
Battery Life	10 years (non replaceable)
Characteristics	
Sensing Type	Dual Spectrum Photoelectric. This alarm contains NO radioactive material
Interconnecting	RF, max. 40 devices in one network Wireless interconnection Compatible with the Fire Tek® 755LPSMA4, 755RFB2 RF base, CLP599WSA and 755WSA
Operating Frequency	Zigbee: 2405 - 2480 MHz RF: 433 MHz
Wireless Range	Zigbee: 40 m (Line of sight) RF: 50 m (Line of sight)
Horn Level	85 dB at 3 m
Hush Mode Duration	10 minutes
LED Brightness Levels	High / Low
Alarm Memory	72 hours
Temperature for Alarm	If temp > 57 °C
Environment	
Operating Temperature	0...45 °C
Ambient Humidity	5...95%
Installation	
Dimensions (H × W × D)	89 × 89 × 33.5 mm
Mounting type	Mount on ceiling and wall only
Certification	
	Zigbee 3.0, RCM, ActivFire, SAI Global
Compliance	
Standard	AS 3786:2014 + A1:2015 + A2:2018
Safety	• AS/NZS 60950.1 • AS/NZS 60065
EMC	• EN 50130-4 • IEC 62599-2
RF	• EN 301 489-1/-3/17 • EN 300 220-1/-2 • EN 300 328 • EN 62479



Dimensions (mm)



Trademarks

Australian Standard
AS 3786: 2014+A1: 2015 +A2: 2018
SMKW25550
SAI Global

reddot winner 2022

DESIGN AWARD 2022

Note:
Download the Wiser Home app to your smartphone, and install the Wiser Hub 2nd Generation to configure and control Wiser devices. You can use the app to pair, set up and control Wiser devices.
The Wiser Home 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/wiser_home_pacific

Wiser™ Smoke Alarms

Wiser Smoke Alarm, Surface, Square - Mains Powered - Lithium Battery Backup

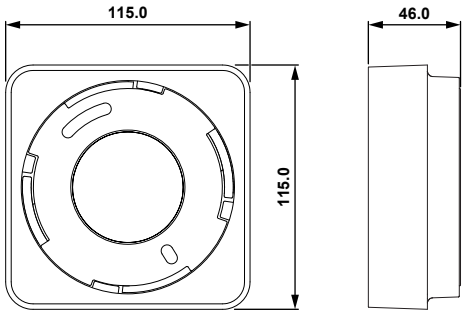
The Wiser Smoke Alarm Square combines a photoelectric smoke alarm with smart home functions. Interconnecting with existing wireless Fire Tek® smoke alarms via RF or a cabled connection, the Wiser smoke alarms can be used separately or as part of a Wiser Smart Home System. The Wiser app provides push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

Technical Characteristics

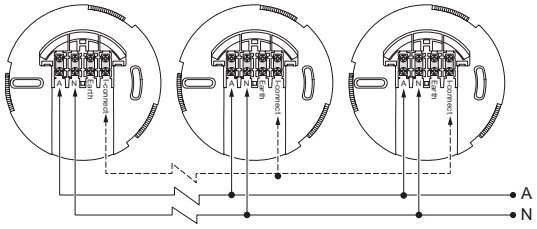
Identification	
Commercial Reference	**CLP599WSA**
Product Colour	White
Power	
Power Supply	220–240 V a.c., 50 / 60 Hz
Operating Current	≤ 40 mA
Backup Battery Life	10 years (non replaceable)
Characteristics	
Sensing Type	Photoelectric. This alarm contains NO radioactive material
Interconnecting	RF + Wired, 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 mm²
Operating Frequency	Zigbee: 2405 - 2480 MHz RF: 433 MHz
Wireless Range	Zigbee: 40 m (Line of sight) RF: 50 m (Line of sight)
Horn Level	85 dB at 3 m, min.
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...45 °C
Ambient Humidity	5...95%
Installation	
Dimensions (H × W × D)	115 × 115 × 46 mm
Mounting type	Mount on ceiling and wall only
Certification	
	Zigbee 3.0, RCM, ActivFire, SAI Global
Compliance	
Standard	AS 3786:2014 + A1:2015 + A2:2018
Safety	• AS/NZS 60950.1 • AS/NZS 60065
EMC	• EN 50130-4 • IEC 62599-2
RF	• EN 301 489-1/-3/17 • EN 300 220-1/-2 • EN 300 328 • EN 62479



Dimensions (mm)



Wiring Diagram



Trademarks

Australian Standard
AS 3786: 2014+ A1: 2015 + A2: 2018
SMKW25550
SAI Global

Note:
Download the Wiser Home app to your smartphone, and install the Wiser Hub 2nd Generation to configure and control Wiser devices. You can use the app to pair, set up and control Wiser devices.
The Wiser Home 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/wiser_home_pacific

Wiser™ Smoke Alarms

Wiser Smoke Alarm, Surface, Round - Mains Powered - Lithium Battery Backup

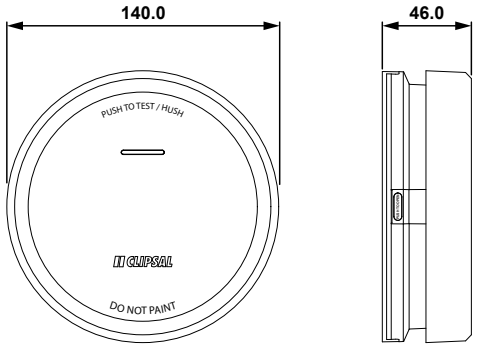
The Smoke Alarm combines a photoelectric smoke alarm with smart home functions. Interconnecting with existing wireless Fire Tek® smoke alarms via RF or a cable connection, the Wiser smoke alarms can be used separately or as part of a Wiser Smart Home System. It is also compatible with existing Fire Tek®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

Technical Characteristics

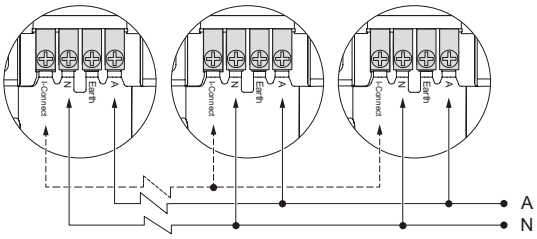
Identification	
Commercial Reference	**755WSA**
Product Colour	White
Power	
Power Supply	220–240 V a.c., 50 / 60 Hz
Operating Current	≤ 40 mA
Backup Battery Life	10 years (non replaceable)
Characteristics	
Sensing Type	Photoelectric. This alarm contains NO radioactive material
Interconnecting	RF + Wired, max. 40 devices in one network Compatible devices for wired connection: CLP599WSA, 755PSMA4, 755RLPSMA4, 755PFM4 Compatible devices for wireless connection: 755LPSMA4, 755RFB2, CLP599WSAL and CLP599WSA
Terminal Provisions	Active, neutral, loop and interconnect terminals, each accommodates 2 × 1.5 mm²
Operating Frequency	Zigbee: 2405 - 2480 MHz RF: 433 MHz
Wireless Range	Zigbee: 40 m (Line of sight) RF: 50 m (Line of sight)
Horn Level	85 dB at 3 m, min.
Hush Mode Duration	10 minutes
LED Brightness Levels	High / Low
Alarm Memory	72 hours
Environment	
Operating Temperature	0...45 °C
Ambient Humidity	5...95%
Installation	
Dimensions (H × Ø)	46 × 140 mm
Mounting type	Mount on ceiling and wall only
Certification	
	Zigbee 3.0, RCM, ActivFire, SAI Global
Compliance	
Standard	AS 3786:2014 + A1:2015 + A2:2018
Safety	• AS/NZS 60950.1 • AS/NZS 60065
EMC	• EN 50130-4 • IEC 62599-3
RF	• EN 301 489-1/-3/17 • EN 300 220-1/-2 • EN 300 328 • EN 62479



Dimensions (mm)



Wiring Diagram



Trademarks

Australian Standard
AS 3786: 2014+A1: 2015 + A2: 2018
SMKW25550
SAI Global

Note:
Download the Wiser Home app to your smartphone, and install the Wiser Hub 2nd Generation to configure and control Wiser devices. You can use the app to pair, set up and control Wiser devices.
The Wiser Home 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/wiser_home_pacific

Smoke Alarm Accessories



Smoke Alarm Accessories

Wireless Base - To Suit 755 Series Mains Powered Smoke Alarms

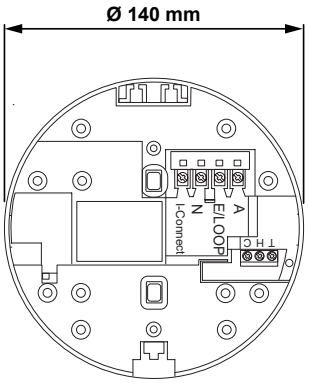
The Wireless Base makes smoke alarm interconnection simple and hassle-free. It allows up to 40 alarms to be wirelessly linked, perfect for adding new units to an existing group or where running cables is difficult. Featuring a remote Test/Hush input for easy control from a wall switch, it also includes voltage-free contacts and convenient pushbuttons for Test and Hush functions. Designed for flexibility and convenience, the 755RFB2 is the ideal solution for streamlined installation and enhanced safety.

Technical Characteristics

Identification	
Commercial Reference	**755RFB2**
Product Colour	White
Power	
Power Supply	220–240 V a.c., 50 Hz
Secondary Power Source	Sealed rechargeable battery
Operating Current	≤60 mA
Battery life	10 years (with main power supplied)
Characteristics	
Interconnecting	Max. 40 alarms (wireless) Max. 40 alarms (wired over 150 metres maximum) This product is compatible with the following Clipsal Smoke alarms: • 755RLPSMA2 • 755RLPSMA4 • 755PSMA5 • 755PSMA5L
Terminal Provisions	Active, Neutral, Loop and Interconnect terminals, each accommodates 2 × 1.5 mm²
Transmit Frequency	433.42 MHz
RF Range	100 m (free air), 30 m (Indoor line of sight)
Low Battery Warning	Red LED flash once every 10 s
Remote Input	Dry contact momentary switch (for Remote Test/Hush function)
Pairing Duration	2 min (recount after each successful pairing)
Environment	
Application Area	Indoor use only
Operating Temperature	0...45 °C
Ambient Humidity	5...95%
Installation	
Dimensions (ø × D)	Ø 140 × 52 mm
Mounting type	Mount on ceiling and wall only
Certification	
	ActivFire, RCM
Compliance	
Standard	AS/NZS 60065, AS/NZS 60950.1, AS/NZS 4268

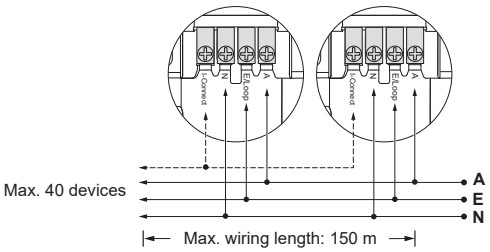


Dimensions (mm)



Note: Combined height of base and fitted smoke alarm: 52 mm

Wiring Diagram



Trademarks

Smoke Alarm Accessories

Relay Base - To Suit 755 Series Mains Powered Smoke Alarms

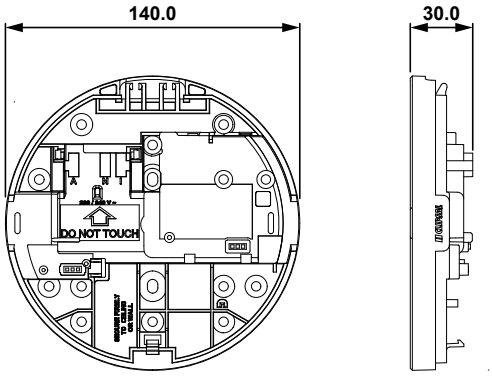
The Relay Base connects smoke alarms and heat alarms to third-party devices such as lights, sirens, and home automation systems, while offering voltage-free contacts and convenient Test and Hush pushbuttons.

Technical Characteristics

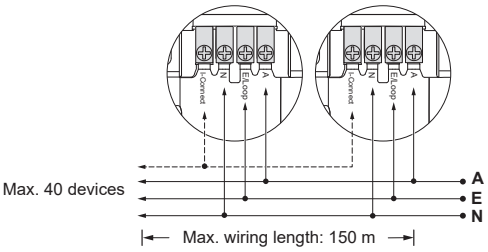
Identification	
Commercial Reference	**755RB5**
Product Colour	White
Power	
Power Supply	220–240 V a.c., 50 Hz
Operating Current	Max. 1.3 mA @ 9 V d.c. Max. 120 mA @ 9 V d.c, for relay closing or releasing operation up to 20 ms duration each
Characteristics	
Interconnecting	40 Smoke alarms over 150 metres cable maximum This product is compatible with the following Clipsal Smoke alarms: • 755RLPSMA2 • 755RLPSMA4 • 755PSMA2 • 755PSMA4 • 755WSA • 755HA5L • 755PSMA5 • 755PSMA5L
Cable Interconnection	Max. 40 devices up to 150 m
Terminal Provisions	Active, Neutral, Earth/Loop and Interconnect terminals, each accommodates max. 2 × 1.5 mm² or 1 × 2.5 mm². Remote test/hush buttons and relay terminals, each accommodates max. 1 × 2.5 mm²
Relay Load Rating	2 A @ 220–240 V a.c.
Relay Contacts	NO/COM/NC voltage free contacts
Remote Input	Dry contact momentary switch (for Remote Test/Hush function)
Environment	
Application Area	Indoor use only
Storage Temperature	-20...65 °C
Operating Temperature	0...45 °C
Storage Humidity	0...90%, non-condensing
Ambient Humidity	9...90%
Installation	
Dimensions (ø × D)	Ø 140 × 30 mm
Mounting type	Mount on ceiling and wall only
Certification	
	ActivFire, RCM
Compliance	
Standard	AS/NZS 60065 AS/NZS 60950.1



Dimensions (mm)



Wiring Diagram



Trademarks

Smoke Alarm Accessories

Isolation Relay Unit

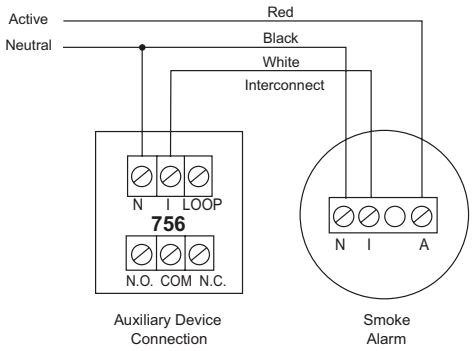
The Isolation Relay Unit is a device that connects to a Clipsal Fire Tek® 755 series smoke alarm via the "Interconnect" facility.

Technical Characteristics

Identification	
Commercial Reference	**756**
Product Colour	White
Power	
Power Supply	220–240 V a.c., 50 Hz
Contact Rating	10 A resistive and inductive, 250 V, 50 Hz
Interconnection Input	6 V to 10 V d.c., referenced to Neutral
Supply Current	Alarm mode - 1 mA min., Non-alarm mode (standby) - N/A
Characteristics	
Interconnecting	Wired, max. 40 devices in one network
Terminal Provisions	Active, neutral, loop and interconnect terminals, each accommodates 2 × 1.5 mm² and relay terminals, each accommodates max. 1 × 2.5 mm²
Environment	
IP Rating	IP20
Application Area	Indoor use only
Operating Temperature	0...50 °C
Ambient Humidity	5...95%
Installation	
Dimensions (ø × D)	140 × 44.5 mm
Mounting type	Mount on ceiling and wall only
Certification	
	RCM
Compliance	
Standard	AS 3786:2014 + A1:2015 + A2:2018



Wiring Diagram



Trademark

Reference Numbers

Ref.	Page
755PSMA5	11
755PSMA5L	12
755LPSMA4	13
755PFM4	14
755HA5L	15
CLP599WSAL	17
CLP599WSA	18
755WSA	19
755RFB2	21
755RB5	22
756	23

Compliance

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- Apple® and App Store® are brand names or registered trademarks of Apple Inc.
- Wiser™ is a trademark and the property of Schneider Electric, its subsidiaries and affiliated companies.
- The word QR Code is a registered trademark of DENSO WAVE INCORPORATED in Japan and other countries.

Other brands and registered trademarks are the property of their respective owners.

Declaration of Conformity

Hereby, Schneider Electric Industries SAS declares that this product is in compliance with the essential requirements and other relevant provisions of RADIO EQUIPMENT DIRECTIVE 2014/53/EU.

Declaration of conformity can be downloaded at: https://www.go2se.com and add your product number at the end of the URL.

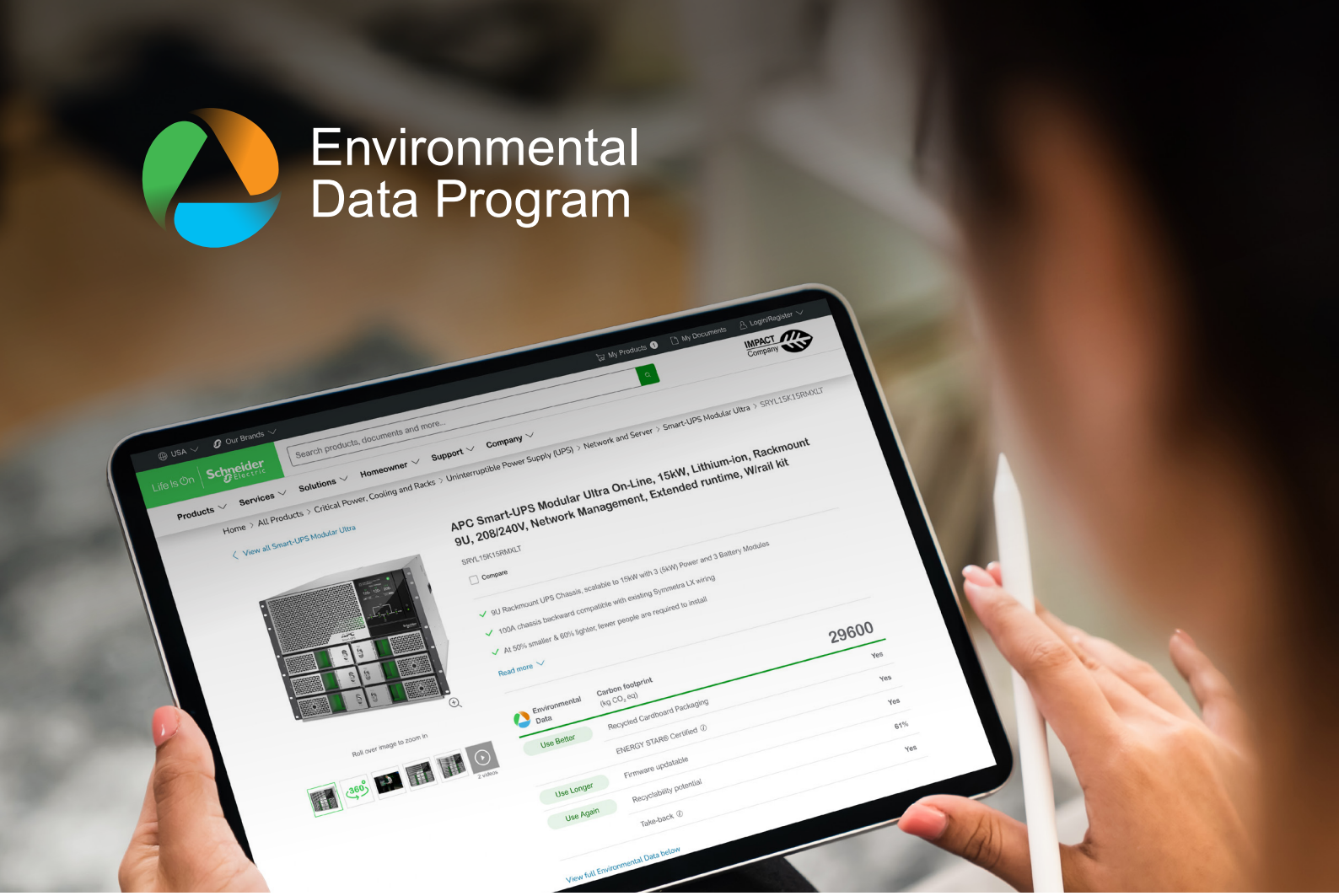
Product Environmental Data

Find and download comprehensive environmental data about your products, including RoHS compliance and REACH declarations as well as Product Environmental Profile (PEP), End-of-Life instructions (EOLI) and much more.

https://www.se.com/myschneider

Notes

Environmental Data Program

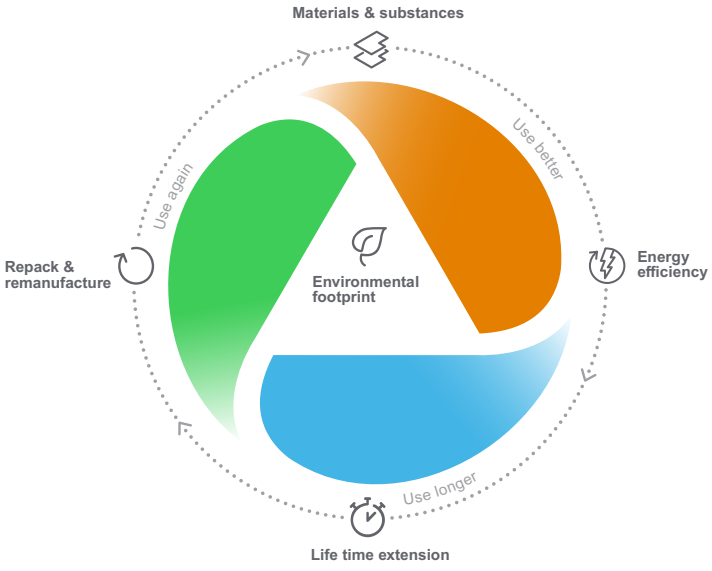


Next-level transparency for better-informed product choices

The Environmental Data Program is a framework for how we measure, categorize, and compare the environmental attributes and footprint of our products.

Using a rigorous, fact-based methodology, the program provides environmental data from across the product lifecycle.

Five data categories across the product lifecycle



Use Better: How sustainable a product is, including environmental footprint, materials and substances, packaging, and energy efficiency.

Use Longer: How a product's life time can be effectively extended in terms of repairability and updatability.

Use Again: How a product can be reused, from dismantling and remanufacturing to recyclability and manufacturer take back.

With this transparent, verified data, customers and partners are empowered to make conscious environmental choices and accurately evaluate and report on sustainability performance.

All our hardware offers have an associated environmental data available on se.com product pages.

Learn more about the Environmental Data Program

CLIPSAL®

For more information on Clipsal Fire Tek® Smoke Alarms, contact your local Clipsal and Schneider Electric Partner Business Representative, electrical wholesaler or visit clipsal.com/smokealarms

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