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ACTIVFIRE®
ACTIVE FIRE PROTECTION – PRODUCT CERTIFICATION

Certificate of Conformity

Certificate num.	Registration date	Version		Valid until	
		Number	Issue date		
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Product designation

Clipsal® Firetek®, Model 755PSMA5L, 240 Vac mains powered with 3 V non-replaceable battery, wired and wireless interconnectivity, silencing function, band 2 photoelectric smoke alarm

(Refer to the Schedule/enclosures for further specified details)

Agent/distributor

Schneider Electric (Australia) Pty Limited
33-37 Port Wakefield Road, GEPPS CROSS, SA, AUSTRALIA, 5094

Registrant

Schneider Electric (Australia) Pty Limited
33-37 Port Wakefield Road, GEPPS CROSS, SA, AUSTRALIA, 5094

Producer

Kingdun Electronic
No. 28 Fengyuan Road, South of Economic Development Area, Yuyao, Zhejiang, CHINA, 315400

Conformance criteria and evaluation

The Clipsal® Firetek®, Model 755PSMA5L, 240 Vac mains powered with 3 V non-replaceable battery, wired and wireless interconnectivity, silencing function, band 2 photoelectric smoke alarm has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS 3786:2023, 'Smoke alarms using scattered light, transmitted light or ionization (ISO 12239:2021, MOD)'.

Limitations/conditions of conformance

Limitations/conditions of conformance, where identified on this certificate, are derived from qualifications from evaluation(s) for conformity and/or other related technical documentation. All details with respect to design, assembly and installation instructions and restrictions should be checked against the producer's current technical manual/data sheets and the requirements of the Authority having Jurisdiction.

This certification is issued within the scope of CSIRO Verification Services – Rules governing ActivFire Scheme and is valid only for the product(s) as submitted for evaluation and verification of conformity, subject to the following conditions.

- Reference to details, limitations and requirements, where documented as a schedule/enclosure with this certificate.
- The Registrant is responsible for their attestation of conformity and ensuring that on-going production complies with the conformance criteria defined in this certificate.
- This certificate will not be valid if any changes or modifications are made to the product which have not been notified and validated by CSIRO Verification Services.
- This certificate is subject to periodical re-validation upon verification that all requirements, as determined by the conformity assessment body, continue to be satisfactorily met by the Registrant.
- This certificate may only be reproduced in its published form, without modification and inclusive of all schedules/enclosures.
- Any changes, errors or omissions, must be submitted in writing and if necessary or requested, substantiated with relevant evidence.
- Any representations, such as advertising or other marketing related activities or articles shall reflect the correct contents of this certificate and conform with all relevant trade practices .and consumer protection legislation and regulations.
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Issued by

Kai Loh
Executive Officer – ActivFire Scheme

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The validity and authenticity of this certificate can be verified by the certification register located at https://activfire.csiro.au

Producer's description

The Clipsal® Firetek®, Model 755PSMA5L, smoke alarm is an externally energized photoelectric smoke alarm. The smoke alarm primary power supply is an external 240 Vac supply. The smoke alarm includes a standby power supply from a non-replaceable and non-rechargeable 3 Vdc lithium battery.

An electric buzzer/horn provides an audible alarm signal when the 755PSMA5L senses smoke which exceeds a pre-determined level. When the smoke level drops below the alarm level, the buzzer/horn is de-energised. A self-test facility is provided by means of a button. If the button is depressed an alarm signal is emitted.

The Clipsal® Firetek®, Model 755PSMA5L, smoke alarm incorporates a 'hush button' feature. According to the manufacturer's instructions, pressing the hush button reduces the smoke sensitivity of the smoke alarm. The sensitivity is reduced for approximately 10 minutes, at which time the alarm automatically returns to normal operation.

The Clipsal® Firetek®, Model 755PSMA5L, smoke alarm mounts onto either a Clipsal® Firetek® 755RB5 Relay Base or a Clipsal® Firetek® 755RFB2 Wireless Interconnect Base, which supplies external 240 Vac power to the 755PSMA5L from main supply. The 755RB5 and the 755RFB2 provide the means of wired interconnected alarms. The 755RFB2 can also provide the means of wireless interconnection between alarms. A total of 40 devices can be interconnected.

Technical specification

The following details are a representative extract of the technical specification for the Clipsal® Firetek®, Model 755PSMA5L, 240 Vac mains powered with 3 V non-replaceable battery, wired and wireless interconnectivity, silencing function, band 2 photoelectric smoke alarm and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

Schedule of variant designations

The following is a schedule of validated variant designations of the certified/listed equipment.

Variant		
Type	**Ident.**	**Description**
Model	755PSMA5L	240 Vac main powered with 3 Vdc non-replaceable and non-rechargeable lithium battery, wired and wireless interconnectivity, silencing function, band 2 photoelectric smoke alarm.

Schedule of optional functions

The following is a schedule of AS 3786:2023 optional functions of the certified/listed equipment.

	755PSMA5L
4.2 Optional and additional functions	Yes
4.5.1.2 Aural indication – Signal sound pressure level	Yes
4.5.1.3 Aural indication – Signal frequency characteristics	No
4.5.2.1 Visual indicators – Interconnectable smoke alarms	Yes
4.7 Fault condition visual indicator	No
4.14.3 Standby power source low condition silence	No
4.20 Connection of external connectable devices	Yes
4.23 Interconnected smoke alarms	Yes
4.24 Alarm-silence facility	Yes
4.25 Temporary disablement	No
4.27 Smoke alarms with voice	No
4.28 Smoke alarms using radio frequency links	Yes
4.29 Response to slowly developing fire (Drift compensation)	No
5.14 Extended temperature (operational)	No

Schedule to
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Schedule of properties/characteristics

The following schedule is an extract of physical and operational properties/characteristics of the certified/listed equipment.

Smoke sensing type:	Type A photoelectric
Response threshold band:	Band 2
Main power source:	240 V mains
Standby power:	3Vdc battery (not replaceable and not rechargeable)
Battery list:	EVE CR17450
Software version:	V0.1
Connection of external connectable devices:	755RB5 Relay Base, 755RFB2 Wireless Mounting Base
Interconnectivity:	Wired and wireless (up to 40 devices)
Operating temperature range:	0 °C to 45 °C
Operating humidity range:	0% to 90% RH
Alarm sound level:	85 dB at 3 metres minimum
Alarm condition:	Audible signal pattern (ISO 8201)
Silencing function:	Yes
Dimensions:	Ø140 mm × 44.5 mm (h)
Fixing method:	Screw fixing
Mounting method:	Ceiling and wall

Supplementary information

Schedule of relevant articles

The following schedule is an extract of articles significant and/or related as evidence of conformity.

Reference			Date issued (or date validated)	
Ident. type	**Ident.**	**Title / description**		**Source**
Report	CSBA0215/NR1A	Evaluation of Conformity of the Clipsal® Firetek® 755PSMA5 and 755PSMA5L Photoelectric Smoke Alarms to AS 3786:2023	09-Apr-2026	CSIRO Fire Systems Laboratory, AU
Manual	D3974187-00_755PSMA5L_Certification - Copy.pdf	755PSMA5L Photoelectric Smoke Alarm, Surface, 220-240V a.c., Lithium Battery D3974187-00 01/2026 (D3974187-00_755PSMA5L_Certification - Copy.pdf)	02-Feb-2026	Schneider Electric (Australia) Pty Limited, AU