



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 3281	23-May-2018	Number 1	Issue date 23-May-2018	30-Apr-2020
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Product designation

Clipsal® Firetek™, Model 755LPSMA4, 3 Vdc battery powered, silencing/hush facility, wireless interconnect, 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

Siterwell Electronics Co., Limited
No. 666 Qingfeng Road, JIANGBEI DISTRICT, NINGBO, ZHEJIANG PROVINCE, CHINA, 31503

Producer

Siterwell Electronics Co., Limited
No. 666 Qingfeng Road, JIANGBEI DISTRICT, NINGBO, ZHEJIANG PROVINCE, CHINA, 31503

Conformance criteria and evaluation

The Clipsal® Firetek™, Model 755LPSMA4, 3 Vdc battery powered, silencing/hush facility, wireless interconnect, photoelectric smoke alarm has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS 3786:2014, 'Smoke alarms using scattered light, transmitted light or ionization' incl. Amdt 1 (27 August 2015).
2. CSIRO Technical Specification TS-007, Version 3: 15-Sep-2016, 'Evaluation for Conformity of smoke alarms to the requirements of AS 3786:2014'.

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.
- Any terms or conditions of use as applicable to content and documentation as published or accessed through web sites administered by the CSIRO Verification Services.

Issued by

David Whittaker
Executive Officer – ActivFire Scheme



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Producer's description

The Clipsal® Firetek™, Model 755LPSMA4, 3 Vdc battery powered, silencing/hush facility, wireless interconnect, photoelectric smoke alarm is a low profile, circular styled unit, intended for use in residential dwellings.

This equipment senses smoke using the photoelectric principle. An electric buzzer/horn provides an audible alarm signal when the smoke alarm senses smoke which exceeds a pre-determined level. When the smoke level drops below the alarm level, the buzzer/horn is de-energized.

A self test facility is provided by means of a button. If the button is depressed an alarm signal is emitted. It also incorporates a 'silence button' feature. Pressing the silence button can temporarily suppresses an unwanted alarm for up to 10 minutes.

The Clipsal® Firetek™, Model 755LPSMA4, 3 Vdc battery powered, silencing/hush facility, wireless interconnect, photoelectric smoke alarm is fitted with a wireless interconnection communications interface.

This equipment is circular in shape. It is approximately 130 mm diameter with a height of 37.5mm. It clips into a circular mounting base with two holes for screws

Technical specification

The following details are a representative extract of the technical specification for the Clipsal® Firetek™, Model 755LPSMA4, 3 Vdc battery powered, silencing/hush facility, wireless interconnect, 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		Description
Type	Ident.	
Model	755LPSMA4	Photoelectric smoke alarm with standard mounting plate.

Schedule of properties/characteristics

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

Sensing type	Photoelectric (Type A)
Battery life	10 years
Operating current	<70 mA
Wireless response time	Within 30 seconds
Visual indicators	Red LED every second: Alarm
	Red LED every 40 seconds: Low battery warning
	Network LED: Wireless interconnecting
Alarm condition	Aural signal patterns (ISO 8201)
Horn level	85 dB at 3 metres minimum
Operating temperature	0°C to 45°C
Ambient humidity	5% to 95% RH
Dimensions	130 mm diameter x 37.5 mm depth
Mounting type	Ceiling and wall mount only
Interconnections	Maximum 40 wireless alarms
Transmit frequency	433.42 MHz
RF range	140 m free air, 50 m indoor line of sight
Hush time	10 minutes
Do Not Disturb time	10 hours

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Supplementary information

Schedule of relevant articles

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

Reference		Title / description	Date issued (or date validated)	Source
Ident. type	Ident.			
Report	XF3197/R2	Evaluation for Conformity of the Clipsal® Firetek® Model 755LPSMA4 Photoelectric Smoke Alarm to the requirements of AS 3786-2014 +A1:2015	1-May-2018	CSIRO Fire Systems Laboratory
Document ident.	F2847/00	CLIPSAL® FIRETEK® SMOKE ALARM 755LPSMA4 Lithium Battery Powered Photoelectric Smoke Alarm with Wireless Interconnect	18-Apr-2018	Schneider Electric (Australia) Pty Limited, AU