



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 1771	12-Aug-2005	Number 11	Issue date 30-Apr-2015	30-Apr-2016

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Product designation

Clipsal Firetek™, Model 755SMA, 240 Vac powered with 9 Vdc battery backup, silencing/hush facility, interconnectable, ionisation 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

Garvan Enterprises Ltd
RM 16-17, 21/F, Wing Hing Industrial Bldg., 82-93 Chai Wan Kok Street, TSUEN WAN, HONG KONG, CHINA

Conformance criteria and evaluation

The Clipsal Firetek™, Model 755SMA, 240 Vac powered with 9 Vdc battery backup, silencing/hush facility, interconnectable, ionisation smoke alarm has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS 3786-1993, 'Smoke alarms' incl. Amdt 1 (April 1995) / Amdt 2 (December 1995) / Amdt 3 (9 November 2001).

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



Schedule to Certificate of Conformity

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Producer's description

The Clipsal Firetek™, Model 755SMA, 240 Vac powered with 9 Vdc battery backup, silencing/hush facility, interconnectable, ionisation smoke alarm is intended for use in residential dwellings (domestic smoke alarm). 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. The low profile styled smoke alarm incorporates a green LED to indicate the mains supply voltage is connected and a red LED for alarm or low backup battery indication. The self test button, when depressed, will cause the smoke alarm to emit an alarm signal. If the self test button is depressed while the smoke alarm is emitting an alarm signal, the alarm signal is temporarily silenced for a approximately 10 minutes.

This equipment consists of a three (3) piece plastic moulding that includes a mounting plate. The base plate contains a PCB on which are mounted the ionisation chamber, terminals for the piezo-electric sounder and other electronic components. A moulded compartment on the base plate is used to house the backup 9 Vdc battery. The 240 Vac mains supply voltage and interconnection wiring are terminated in the mounting plate of the smoke alarm. The maximum number of interconnectable smoke alarms is twenty (20) over a maximum distance of 150 metres.

Technical specification

The following details are a representative extract of the technical specification for the Clipsal Firetek™, Model 755SMA, 240 Vac powered with 9 Vdc battery backup, silencing/hush facility, interconnectable, ionisation smoke alarm and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

Sensing type:	Ionisation
Sensing material:	Americium 241 - 1 microcurie
Supply voltage:	240 Vac 50 Hz
Operating current:	35 mA
Backup battery voltage:	9 Vdc
Recommended replacement battery:	Goldpeak GP1604S Duracell MN1604 Eveready A522, 1222
Operating temperature:	+5°C to +45°C
Humidity range:	10% to 92%
Interconnection:	20 smoke alarms over 150 m maximum
Horn level:	85 dBA at 3m minimum
Visual indicators:	Green LED - Mains supply ON Red LED - Warning and Low battery indication
Specified smoke alarm life cycle:	10 years