



# Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
<b>afp - 3140</b>	30-Mar-2017	Number 2	Issue date 3-Apr-2017	30-Apr-2018

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## Product designation

**Clipsal® FireTek®, Model 755PSMA4, 240 Vac powered with 9 Vdc battery backup, silencing/hush facility, interconnectable, 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

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 755PSMA4, 240 Vac powered with 9 Vdc battery backup, silencing/hush facility, interconnectable, 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).

## 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

**Clipsal®** FireTek®, Model 755PSMA4, 240 Vac powered with 9 Vdc battery backup, silencing/hush facility, interconnectable, photoelectric smoke alarm is an externally energized photoelectric smoke alarm. The smoke alarm primary power supply is an external 220-240 Vac supply. The smoke alarm includes a standby power supply from a replaceable battery.

An electric buzzer/horn provides an audible alarm signal when the smoke alarm senses smoke which exceeds a predetermined 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 FireTek®, Model 755PSMA4 photoelectric smoke alarm incorporates a silence feature. Pressing the silence button reduces the smoke sensitivity of the smoke alarm. The sensitivity is reduced for approximately 10 minutes, at which time the smoke alarm automatically returns to normal operation.

The smoke alarm is circular in shape. It is approximately 140mm in size with a height of 43 mm. It clips into a circular mounting base with two holes for screws.

The Clipsal Model 755RFB is a compatible mounting base with an integral radio link module. The radio link module is used to transmit or receive a radio frequency alarm signal, thus providing an interconnection facility for the mounted alarm.

The Clipsal Model 755RB is a compatible mounting base with an integral relay contact output module. The relay module is used to activate auxiliary device rated at 220 – 240V, 50 Hz and 2 A maximum.

## Technical specification

The following details are a representative extract of the technical specification for the **Clipsal®** FireTek®, Model 755PSMA4, 240 Vac powered with 9 Vdc battery backup, silencing/hush facility, interconnectable, 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 components and/or assemblies

The following is a schedule of validated components and/or assemblies of the certified/listed equipment.

Component/assembly designation	Description
Clipsal® Model 755RB	Mounting base with relay output for wired interconnection
Clipsal® Model 755RFB	Mounting base with radio link for wireless interconnection

### Schedule of properties/characteristics

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

Main power source	220-240 Vac 50Hz
Secondary power source	9 Vdc carbon zinc or alkaline (Designated replacement: Energizer 522, Duracell MN1604, Eveready A522 or 1222)
Operating current	≤ 40mA
Battery life	One year approximately
Sensing type	Photoelectric
Operating temperature	0°C to 45°C
Ambient humidity	5% to 95%
Interconnecting	40 alarms over 150 metres maximum (20 alarms for RF)
Horn level	85 db at three metres minimum
Visual indicators	Green LED for main power on Red LED for warning low battery indicator

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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	XF3077/R1	Evaluation for Conformity of the Clipsal® Firetek® Model 755PSMA4 and 755RLPSMA4 Photoelectric Smoke Alarms to the requirements of AS 3786-2014 +A1:2015	29-Mar-2017	CSIRO, Infrastructure Technologies, Fire Systems Laboratory, AU
Instructions	F2806/02	FIRETEK Smoke Alarm 755PSMA4, 240V a.c. Mains Power Photoelectric Smoke Alarm with 9 V d.c. Battery Backup	-	Schneider Electric, AU
	F2809/02	FIRETEK Mounting Base 755RFB Smoke Alarm Mounting Base with Wireless Interconnect		
	F2808/02	FIRETEK Mounting Base 755RB Smoke Alarm Mounting Base with Integrated Relay		