



# Certificate of Conformity

| Certificate num.  | Registration date | Version                   | Valid until               |             |
|-------------------|-------------------|---------------------------|---------------------------|-------------|
| <b>afp - 3140</b> | 30-Mar-2017       | Number<br>6 (Provisional) | Issue date<br>27-Apr-2021 | 30-Apr-2022 |

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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., 83-93 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<br>(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<br>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<br>(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  |                                    |   |