



# Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
<b>afp - 1774</b>	18-Jun-2005	Number 12	Issue date 29-Apr-2016	30-Apr-2017

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## Product designation

**Clipsal Firetek™, Model 755PFM, 240 Vac powered with 9 Vdc battery backup, interconnectable, silencing/hush facility, flush mount, 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 755PFM, 240 Vac powered with 9 Vdc battery backup, interconnectable, silencing/hush facility, flush mount, photoelectric 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) / Amdt 4 (22 April 2004).

## 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 755PFM, 240 Vac powered with 9 Vdc battery backup, interconnectable, silencing/hush facility, flush mount, photoelectric smoke alarm is intended for use in residential dwellings.

The smoke alarm comprises plastic mouldings, a printed circuit board (PCB) assembly which plugs into a custom-built mounting base. The PCB assembly comprises of electronic components including a mains power indicator (green LED), an alarm indicator (red LED), ionization chamber, sounder and connecting facilities for the standby battery and mains power.

The smoke alarm includes a battery compartment for the stand-by battery which is only accessible when it is unplugged from the mounting plate. The smoke alarm mounting base is a push-fit clip in type moulding which allows the smoke alarm to be inserted and removed without the use of tools. The mounting base incorporates an integral terminal block, which provides mains power, and interconnect connection facilities. The action of removing the smoke alarm from the mounting base breaks the mains power connection and enables user replacement of the 9 Vdc stand-by battery.

The smoke alarm piezo-sounder provides an audible alarm signal and an integral red LED flashes rapidly then becomes permanently lit when the smoke alarm senses smoke in excess of the pre-determined alarm level of the unit. The sensitivity of the smoke alarm is set at the point of manufacture. When the smoke level drops below the alarm level, the piezo-sounder ceases operation.

The 'test' facility electronically simulates the presence of smoke. When the button is depressed an alarm signal is emitted from the piezo-sounder until the button is released. The mains power green LED is permanently lit when the smoke alarm is connected to mains power. In the alarm state, a dc voltage will be present on the interconnect line and this will cause all interconnected smoke alarms to sound an alarm state.

The smoke alarm is approximately 100 mm in diameter and protrudes approximately 20 mm below the ceiling when installed. When installed, the recessed base extends about 90 mm into the ceiling space.

The smoke alarm is supplied in a box carton containing the smoke alarm, a 9 Vdc stand-by battery and owner's manual.

## Technical specification

The following details are a representative extract of the technical specification for the Clipsal Firetek™, Model 755PFM, 240 Vac powered with 9 Vdc battery backup, interconnectable, silencing/hush facility, flush mount, 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.

<b>Main power source:</b>	220 to 240 Vac @ 50Hz
<b>Secondary power source:</b>	9 Vdc, carbon or alkaline battery
<b>Operating current:</b>	35 mA
<b>Battery life:</b>	1 year approximately
<b>Recommended replacement battery:</b>	Goldpeak GP1604P or GP1604G Duracell MN1604 Eveready A522 or 1222
<b>Sensing type:</b>	Photoelectric
<b>Operating temperature:</b>	5° to 45°
<b>Ambient humidity</b>	10% to 90 %
<b>Interconnecting:</b>	40 alarms over 150 metres maximum
<b>Horn level:</b>	85 db at three metres minimum
<b>Visual indicators:</b>	Green LED for mains power ON Red LED for warning and low battery indication
<b>Certificate of suitability:</b>	CS/1253/S