



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 1298	28-Feb-2000	Number 16	Issue date 1-May-2019	30-Apr-2020

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Product designation

Ademco, Model FCC800, fire indicator panel

(Refer to the Schedule/enclosures for further specified details)

Agent/distributor

Honeywell Security and Fire
9 Columbia Way, BAULKHAM HILLS, NSW, AUSTRALIA, 2153

Registrant

Honeywell Security and Fire
9 Columbia Way, BAULKHAM HILLS, NSW, AUSTRALIA, 2153

Producer

Pittway Australia Pty Limited
7 Columbia Court, Norwest Business Park, BAULKHAM HILLS, NSW, AUSTRALIA, 2152

Conformance criteria and evaluation

The Ademco, Model FCC800, fire indicator panel has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS 1603.4-1987, 'Automatic fire detection and alarm systems - Control and indicating equipment' incl. Amdt 1 (June 1988) / Amdt 2 (October 1989).

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.

Specified limitations/conditions, determined from the evaluation for conformity, include the following.

- i. Compatibility of this equipment with new or existing actuating devices should be verified prior to installation.

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 Ademco, Model FCC800, fire indicator panel is a microprocessor based Fire Indicator Panel (FIP) configured as a conventional system. The power supply/battery charger, 5 V CPU power supply, microprocessor memory and interface, keyboard and display, interface and zone interface are incorporated into a single board. The FIP incorporates an 8 alarm AZF, with outputs for bell, ancillary control, general alarm, auxiliary, 8 mimic output and brigade connections.

The control and indicating functions on the keypad system are grouped together as MAF indicators and switches, individual AZF controls and indicators. The MAF include Mains On, battery fault, charger high, charger low, MAF isolated, ACF activated, ACF isolated, ACF fault, bell isolated, bell fault, and buzzer isolated. These switches are of a membrane type. Individual alarm, fault, and isolate indicators are provided for each zone.

Programmable options are available in the selection of zone types, input delays, indication of zone outputs and the selection of latching/non latching ACF output.

Technical specification

The following details are a representative extract of the technical specification for the Ademco, Model FCC800, fire indicator panel and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

Power Supply:	1.0 A constant potential (27.0Vdc)
Battery Charger:	(0.7-IQ) A at 27.5 Vdc o/c
AZF:	008 zone, 24 Vdc
	Current limit 1.5 A
	EOL 4K7 OHMS ±5%
	This AZF is located on main termination board.

Supplementary information

Evaluated modules

Module description	PCB number	Technical drawing number	Reference
Processor Board	IFS008B	008 DIST sht 5 of 6	XF1033/R1 March 1995 AS 1603.4 - 1987amds 1 & 2
Outputs	PCB	008 Relay sht 4 of 6	
Power Supply Board	10/94 (one board)	008 PS sht 3 of 6	
Zone Input Board		008 Zone sht 2 of 6	
Installation Design		008.PRJ 803/B	
Power supply stand alone PS241		IFS91B PCB	

Software:

IFS5858 08-02-1995

Actuating devices

Actuating device	Maximum number of devices allowed per AZF EOL 4k7 - 24 V	Reference
Apollo, P/N 53531-270, Heat, Type C	34	XF1033/R1, March 1995
Apollo, P/N 53531-271, Heat, Type A	34	AS 1603.4-1987 amds 1 & 2
Apollo, P/N 53531-272, Heat, Type B	34	
Apollo, P/N 53531-273, Heat, Type D	34	
Apollo, P/N 53541-161, Smoke, Ionisation	40*	
Apollo, P/N 53351-201, Smoke, Photoelectric	34	

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Actuating device	Maximum number of devices allowed per AZF EOL 4k7 - 24 V	Reference
<i>The above detectors with Apollo P/N 45681-007 base.</i>		
Brooks, PFS-A, Heat, Type A	40*	XF1033/R1, March 1995
Brooks, PFS-B, Heat, Type B	40*	AS 1603.4-1987 amds 1 & 2
Brooks, PFS-C, Heat, Type C	40*	
Brooks, PFS-D, Heat, Type D	40*	
Brooks, PFS-I, Smoke, Ionisation	39	
Brooks, PFS-I MkII, Smoke, Ionisation	40*	
Brooks, PFS-P, Smoke, Photoelectric	39	
Brooks, PFS-P MkII, Smoke, Photoelectric	40*	
<i>The above Brooks detectors with Brooks, PFS - BA indicating base</i>		
Hochiki, DCA-B-60R MkV, Heat, Type A	40*	XF1033/R1, March 1995
Hochiki, DCA-B-90R MkI, Heat, Type C	40*	AS 1603.4-1987 amds 1 & 2
<i>The above detectors with Hochiki YBF-RL/4AHM base</i>		
Hochiki, DCD-A, Heat, Type A	40*	XF1252/R1, Feb. 1998
Hochiki, DCD-C, Heat, Type C	40*	Compatibility Assessment
<i>The above detectors with Hochiki YBO-R/4A base.</i>		
Hochiki, DFE-60B, Heat, Type B	40*	XF1033/R1, March 1995
Hochiki, DFE-90D, Heat, Type D	40*	AS 1603.4-1987 amds 1 & 2
<i>The above detectors with Hochiki YBF-RL/4AHM base</i>		
Hochiki, DFJ-60B, Heat, Type B	40*	XF1252/R1, Feb. 1998
Hochiki, DFJ-90D, Heat, Type D	40*	Compatibility Assessment
<i>The above detectors with Hochiki YBO-R/4A base</i>		
Hochiki, SIH-A, Smoke, Ionisation	38	XF1033/R1, March 1995
Hochiki, SLK-A, Photoelectric Smoke Detector	38	AS 1603.4-1987 amds 1 & 2
<i>The above detectors with Hochiki YBF-RL/4AHM base</i>		
Hochiki, SIJ-ASN, Smoke, Ionisation	40*	XF1252/R1, Feb. 1998
Hochiki, SLR-AS, Smoke, Photoelectric	40*	Compatibility Assessment
Olsen, T56B, Heat, Type A,B,C & D	40*	XF1033/R1, March 1995
Olsen, C24B, Smoke, Ionisation	27	AS 1603.4-1987 amds 1 & 2
Olsen, P24B, Smoke, Photoelectric	27	
<i>The above Olsen detectors with Z54B base (latch & LED)</i>		

* Maximum number of detectors per AZF/AZC allowed by code.

Actuating device	Maximum number of devices allowed per AZF EOL 4k7 - 24 V	Reference
Simplex, 2098-9201, Smoke, Photoelectric	40*	XF1088/R1, Aug 1995
Simplex, 2098-9576, Smoke, Ionisation	40*	Compatibility Assessment
Simplex, 4098-9413, Heat, Type A	40*	
Simplex, 4098-9414, Heat, Type B	40*	
Simplex, 4098-9415, Heat, Type C	40*	
Simplex, 4098-9416, Heat, Type D	40*	
<i>The above detectors with Simplex P/N 2098-9211 base</i>		
System Sensor, 1151AUS, Smoke, Ionisation	40*	XF1261/R1, December 1996
System Sensor, 2151AUS, Smoke, Photoelectric	27	Compatibility Assessment
System Sensor, 4451, Heat, Type B	40*	
System Sensor, 5451, Heat, Type A	38	
System Sensor, 51A51, Type A Heat	34	XF1742/R1 December 2000
System Sensor, 51C51, Type C Heat	34	Compatibility Assessment
<i>The above detectors with System Sensor P/N B401 base</i>		
VESDA® E700 MKII, Smoke, Multi-point Aspirating		XF1033/R1, March 1995
Note:		AS 1603.4-1987 amds 1 & 2

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Actuating device	Maximum number of devices allowed per AZF EOL 4k7 - 24 V	Reference
<i>The maximum number of VESDA® systems which can be connected to one AZF is limited by the area coverage defined in AS 1670 and by power supply capacity.</i>		

* Maximum number of detectors per AZF/AZC allowed by code.