CSIRO Verification Services
Clayton, Victoria, Australia
+61 13 0036 3400
https://activfire.csiro.au

Certificate of Conformity

Certificate num.	Registration date	Version Number	Version Issue date	Valid until
afp - 1802	17-Jan-2006	19	20-Apr-2023	30-Apr-2024

Product designation

FireSense, Model IFS-2600, fire indicator panel

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

Agent/distributor

FireSense Pty Ltd
18-20 Brookhollow Avenue, BAULKHAM HILLS, NSW, AUSTRALIA, 2153

Registrant

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

Producer

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

Conformance criteria and evaluation

The FireSense, Model IFS-2600, fire indicator panel has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS 4428.1-1998, 'Fire detection, warning, control and intercom systems - Control and indicating equipment - Fire'.

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 fire detector and its base assembly with new or existing control and indicating equipment 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

Kai Loh
Executive Officer – ActivFire Scheme

© CSIRO Australia, 2023

This certificate remains the property of CSIRO and may be subject to amendment, suspension or withdrawal at any time.
The validity and authenticity of this certificate can be verified by the certification register located at https://activfire.csiro.au

Schedule to
Certificate of Conformity

Certificate num.	Registration date	Version Number	Version Issue date	Valid until	Page **2** of **4**
afp - 1802	17-Jan-2006	19	20-Apr-2023	30-Apr-2024	

Producer's description

The FireSense, Model IFS-2600, fire indicator panel is a microprocessor based fire indicator panel (FIP), configured as a class 1 conventional system controlling a minimum of 8 alarm zone facilities (AZF). The IFS2600 incorporates three main boards, Main Termination, Main Control and power supply boards. The system supports a maximum of 64 alarm zone facilities (AZFs) and 64 relay outputs using seven zone expansion board together with seven zone indicator boards and using eight Add-On relay boards respectively. The power supply and battery charger board contains two switch mode regulators, a 24 V panel power supply and a 27.3 V battery charger. A door holder transformer circuit was incorporated in the system rated as 1.1 A, 24 V for the holding and release of smoke and fire doors. A second power supply transformer circuit was incorporated to provide a maximum of 2.0 A at 24 V and a battery charger of 1.5 A at 27.3 V.

A thirty membrane-type keypad allows for the user interface to access all zones and global function of the equipment, of which Five specialized keys are within the "Fire Fighter's Facility" (FF). In addition to the indicator LEDs, the equipment annunciates programming information on a back-lit, 2-line by 16 character liquid crystal display (LCD) located to the right of the FF. The five push buttons within the FF are designated ‘Ext Bell Isolate’, ‘Warn Sys Isolate’, ‘Ack’, ‘Reset’, and 'Isolate'. External to the FF are controls for use access via 25 function buttons.

The system has 15 indicators are:

Mains On	Alarm (common)	External Bell Isolate	Warning System Isolated
ACT (programmable)	Fault (common)	PSU Fault	Battery Fault
ACF Flt (programmable)	Isolate (common)	Charger Fault	AZF ALM
ACF ISO (programmable)	AZF FLT	AZF ISO	

Technical specification

The following details are a representative extract of the technical specification for the FireSense, Model IFS-2600, 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 Supplies:

	Switch mode power supply:	**Door holder power supply:**
Brand name:	ATCO	ATCO
Model:	OMT75	CP100 5A
Rated supply voltage:	240 Vac	240 Vac
Rated frequency:	50 / 60 Hz	50 Hz
Rated secondary voltage:	30 Vdc	24 Vdc
Rated output (VA):	100	100
Rated secondary amps:	3.3 A	4.2A

Supplementary information

Evaluated modules

Module description	**Module identification**	**Rev**	**PCB number**	**iSs**	**Tech. drawing number**	**Iss**
Notifier Inertia Main Termination Board	IFS-2005	0	IFS-2005	8/2001	-	
Notifier Inertia, Zone Expansion Board	IFS-816	G3	IFS-816	12/00	-	
Notifier Inertia Power Board (Main Termination Board)	IFS-8006	0	IFS-8006	8/2001		
Notifier Inertia Display Board (Main Processor)	IFS-2004	K	IFS-2004		-	
Notifier Inertia 8-Zone Indicator Board	IFS-802	B	IFS-802	9/91		
Notifier Inertia 16-Zone Indicator Board	IFS-816	B	IFS-816	02/02		
Notifier Inertia Add-on Relay Boards	IFS-803	B	IFS-803	9/91		

Schedule to
Certificate of Conformity

Certificate num.	Registration date	Version Number	Version Issue date	Valid until	Page **3** of **4**
afp - 1802	17-Jan-2006	19	20-Apr-2023	30-Apr-2024	

Actuating devices

Device	Maximum number of devices allowed per 801/C AZF	Reference
Apollo, P/N 53531-270, Heat, Type C	34	XB0668, Mar 1992
Apollo, P/N 53531-271, Heat, Type A	34	AS 1603.4-1987 amdt 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	
The above detectors with Apollo P/N 45681-007 base.		
Brooks Panelect, PFS-A, Heat, Type A	40*	XB0668, Mar 1992
Brooks Panelect, PFS-B, Heat, Type B	40*	AS 1603.4-1987 amdt 1 & 2
Brooks Panelect, PFS-C, Heat, Type C	40*	
Brooks Panelect, PFS-D, Heat, Type D	40*	
Brooks Panelect, PFS-I, Smoke, Ionisation	39	XB0668, Mar 1992
Brooks Panelect, PFS-I MkII, Smoke, Ionisation	40*	AS 1603.4-1987 amdt 1 & 2
Brooks Panelect, PFS-P, Smoke, Photoelectric	39	
Brooks Panelect, PFS-P MkII, Smoke, Photoelectric	40*	
The above detectors with Brooks, PFS - BA base		
Hochiki, DCA-B-60R MkV, Heat, Type A	40*	XB0668, Mar 1992
Hochiki, DCA-B-90R MkI, Heat, Type C	40*	AS 1603.4-1987 amdt 1 & 2
Hochiki, DFE-60B, Heat, Type B	40*	
Hochiki, DFE-90D, Heat, Type D	40*	
Hochiki, SIH-A, Smoke, Ionisation	38	
Hochiki, SLK-A, Photoelectric Smoke Detector	38	
The above detectors with Hochiki YBF-RL/4AHM base		
Olsen, T56B, Type A,B,C & D Heat	40*	XB0668, Mar 1992
Olsen, C24B, Smoke, Ionisation	27	AS 1603.4-1987 amdt 1 & 2
Olsen, P24B, Smoke, Photoelectric	27	
The above Olsen detectors with Z54B base (latch & LED)		
VESDA® E700 MKII, Smoke, Multi-point Aspirating **Note:** *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.*		XB0668, Mar 1992 AS 1603.4-1987 amdts 1 & 2

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

Device	Maximum number of devices allowed per MTB (4k7) AZF	Reference
Apollo, P/N 55000-105AUS, Heat, Type A	40*	XB1065/R1, Mar 1993
Apollo, P/N 55000-106AUS, Heat, Type B	40*	Compatibility Assessment
Apollo, P/N 55000-107AUS, Heat, Type C	40*	
Apollo, P/N 55000-108AUS-, Heat, Type D	40*	
Apollo, P/N 55000-240AUS, Smoke, Ionisation	40*	
Apollo, P/N 55000-310AUS, Smoke, Photoelectric	40*	
The above detectors with Apollo P/N 45681-200 base (non-indicating)		
Hochiki, DCC-A, Type A Heat	40*	XB0994/R1, Nov 1992
Hochiki, DCC-C, Type C Heat	40*	Compatibility Assessment
The above detectors with Hochiki YBF-RL/4AH4M indicating or YBC-R/3A non-indicating base		

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

Schedule to

Certificate of Conformity

Certificate num.	Registration date	Version Number	Version Issue date	Valid until	Page **4** of **4**
afp - 1802	17-Jan-2006	19	20-Apr-2023	30-Apr-2024	

Device	Maximum Number of Devices Allowed per AZF EOL 4k7 - 24 V	Reference
Hochiki, DCD-A, Heat, Type A	40*	XF1252/R1, Feb. 1998
Hochiki, DCD-C, Heat, Type C	40*	Compatibility Assessment
Hochiki, DFJ-60B, Heat, Type B	40*	
Hochiki, DFJ-90D, Heat, Type D	40*	
Hochiki, SIJ-ASN, Smoke, Ionisation	40*	XF1252/R1, Feb. 1998
Hochiki, SLR-AS, Smoke, Photoelectric	40*	Compatibility Assessment
The above detectors with Hochiki YBO-R/4A base		
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*	
The above detectors with Simplex P/N 2098-9211 base		
System Sensor, 1151AUS, Smoke, Ionisation	40*	XF1261/R1, Dec 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 Dec 2000
System Sensor, 51C51, Type C Heat	34	Compatibility Assessment
The above detectors with System Sensor P/N B401 base		

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