



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 2887	7-Mar-2014	Number 16	Issue date 20-Mar-2025	30-Apr-2026

Product designation

FireSense, FS-1600 Series, conventional, fire indicator panels

(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, FS-1600 Series, conventional, fire indicator panels have been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS 7240.2-2004, 'Fire detection and alarm systems - Part 2: Control and indicating equipment (ISO 7240-2:2003, MOD)'.
2. Australian Standard AS 7240.4-2004, 'Fire detection and alarm systems - Part 4: Power supply equipment (ISO 7240-4:2003, MOD)'.
3. Australian Standard AS 4428.3-2010, 'Fire detection, warning, control and intercom systems - Control and indicating equipment - Fire brigade panel'.

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.
- ii. Fire alarm routing equipment output conforms only when connected by a circuit supervised by equipment conforming with AS 4428.6-1997.
- iii. Automatic fire protection equipment outputs conform only when connected to supervised circuits of Notification Appliance Circuits (NACs).

Issued by

Kai Loh
Executive Officer – ActivFire Scheme



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Producer's description

The FireSense, FS-1600 Series, conventional, fire indicator panels are equipped with 8 zones but may be extended to 16 Zones by the addition of an 8 Zone expansion module.

Configuration of this equipment is flexible and can be programmed to meet the demands of a wide variety of building types.

Technical specification

The following details are a representative extract of the technical specification for the FireSense, FS-1600 Series, conventional, fire indicator panels and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

Variant designation	Description
FS-1600/650-8Z-PS5	Fire Alarm Control Panel with eight zones 5.6A power supply installed in a CAB650 enclosure
FS-1600/650-8Z-PS11	Fire Alarm Control Panel with eight zones 11.7A power supply installed in a CAB650 enclosure
FS-1600/900-8Z-PS11	Fire Alarm Control Panel with eight zones 11.7A power supply installed in a CAB900 enclosure

The following AS 7240.2–2004 optional functions with requirements have been validated.

1. Indications:
 - a. Fault signals from points (Cl. 9.3)
2. Controls:
 - a. Co-incident detection (Cl. 7.12)
 - b. Delays to outputs (Cl. 7.11)
3. Outputs:
 - a. Fire alarm device(s) (Cl. 7.8)
 - b. Fire alarm routing equipment (Cl. 7.9), also refer Limitations/conditions of conformance
 - c. Automatic fire protection equipment (Cl. 7.10), also refer Limitations/conditions of conformance
 - d. Fault warning routing equipment (Cl. 9.9)
4. Supervisory signal condition (Cl. 8)

System capacity	
Initiating device circuits (zones)	8 or 16
Expansion modules (total)	32
	Total expansion ACM modules is ACM-8RA and ACM-ZM
Electrical specifications	
AC power	
NPS-5 fitted:	240 Vac, 0.8 A, 50 Hz
NPS-11 fitted:	240 Vac, 1.5 A, 50 Hz
Input Fuse:	M205 8.0 A, 250 V
Battery:	Two 12 V Sealed lead Acid batteries.
Battery charger capacity:	7AH-85AH (CAB650 and CAB900 enclosures hold maximum of two 33AH batteries)
Initiating device circuits:	Power-limited, supervised circuit
End-of-Line Resistor:	4.7k ohm, ½ watt
Notification Appliance Circuits:	
Maximum current per circuit:	1.0A.
End-of-Line Resistor:	4.7k ohm, ½ watt
Programmable relays	
Contact rating:	1.0A @ 30 Vdc (resistive)
Door holder output:	Powered output protected by automotive fuse
Rating:	3.0A @ 30 Vdc (resistive)
Auxiliary Power (internal only):	24 Vdc power limited output for auxiliary devices installed within enclosure

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Cabinet specifications	
CAB650:	650mm(h) x 450mm(w) x 190mm(d)
CAB900:	900mm(h) x 450mm(w) x 190mm(d)
Assembly:	All cabinets include an outer door
Finish:	All cabinets are powder-coated charcoal texture. Dulux code: 88351
Environmental limits:	0° to 55°C dry heat 40°C @ 93%
IP rating:	30 (when installed with appropriate cable glands)

Components that have been evaluated or validated as part of the certified/listed system include the following:

Designation	Description	Assembly /part ident.
ZEM-8:	Eight zone expansion module; to expand from eight to sixteen zones.	ASY-01-039
ACM-8RA:	Relay module which provides eight individually configurable (C/NO/NC) relay contacts.	ASY-01-040
ACM-ZM8:	Remote LED mimic annunciator which provides indication for up to eight zones. Requires annunciator mounting enclosure.	ASY-02-023
AEM-ZM8:	Remote LED mimic expansion annunciator which provides indication for up to an additional eight zones. Requires annunciator mounting enclosure and	–
ARE/C:	Alarm Routing Equipment interface and mounting bracket to suit Tyco Centaur.	–
ARE/R:	Alarm Routing Equipment interface and mounting bracket to suit Romteck and Tyco Centaur II.	–
ARE/CR:	Alarm Routing Equipment interface and mounting bracket to suit Chubb Code Red.	–
CFP-16 PS-5	NPS-5 power supply	ASY-02-029
CFP-16 PS-11	NPS-11 power supply	ASY-02-030

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.			
Opus Research Report	4-527724.06_CIE	COMPLIANCE APPRAISAL OF THE Honeywell CFP-16 panel TO AS7240.2:2004 FIRE DETECTION AND ALARM SYSTEMS PART 2: CONTROL AND INDICATING EQUIPMENT	12-Mar-2014	Opus Research, NZ
	14-527724.06_PSE	COMPLIANCE APPRAISAL OF THE Honeywell CFP-16 NPS-5 and NPS-11 power supply units TO AS7240.4:2004 FIRE DETECTION AND ALARM SYSTEMS PART 4: POWER SUPPLY EQUIPMENT		
	14-527724.06_FBP	COMPLIANCE APPRAISAL OF THE Honeywell Australian CFP-16 Fire Brigade Panel TO AS4428.3:2010 FIRE DETECTION, WARNING, CONTROL AND INTERCOM SYSTEMS – CONTROL AND INDICATING EQUIPMENT PART 3: FIRE BRIGADE PANEL		
ECN13-0060	DOC-01-027 Rev: A	FireSense FS-1600 Fire Alarm Panel Operation, Installation & Programming Manual Australian Edition	30-Aug-2013	Notifier Inertia, AU
Test Report No.	0520NOTCFP-16_72402P	Testing Report for AS 7240.2:2004 Fire detection and alarm systems Part 2: Control and indicating equipment (Partial testing only)	21-May-2013	Austest Laboratories, AU
	0527NOTH_CFP-16 AS7240	Compliance Testing Report for AS 7240.2:2004 Clause 16.8	27-May-2013	
	0527NOTH_CFP-16 asc22	Compliance Testing Report for AS/NZS CISPR 22: 2009 Class A		