



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 605	23-Jun-1994	Number 14	Issue date 26-Apr-2019	30-Apr-2020

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Product designation

Ziton, Model ZP730-2, remotely determined, nom. sens. (S)=4% or 8% obs./m., photoelectric smoke detector

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

Agent/distributor

Kidde Australia
Unit 3, Ground Floor, 10 Ferntree Place, NOTTING HILL, VIC, AUSTRALIA, 3168

Registrant

Kidde Australia
Unit 3, Ground Floor, 10 Ferntree Place, NOTTING HILL, VIC, AUSTRALIA, 3168

Producer

UTC Fire and Security Espana SL
Verge de Guadalupe 3, ESPLUGUES DE LLOBREGAT, BARCELONA, SPAIN, 08950

Conformance criteria and evaluation

The Ziton, Model ZP730-2, remotely determined, nom. sens. (S)=4% or 8% obs./m., photoelectric smoke detector has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS 1603.2-1990, 'Automatic fire detection and alarm systems - Point type smoke detectors'.
2. Australian Standard AS 1603.2-1997, 'Automatic fire detection and alarm systems - Point type smoke detectors' incl. Amdt 1 (August 1998).

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

David Whittaker
Executive Officer – ActivFire Scheme



Schedule to Certificate of Conformity

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Producer's description

The Ziton, Model ZP730-2, remotely determined, nom. sens. (S)=4% or 8% obs./m., photoelectric smoke detector responds to visible smoke providing an early warning of fire.

The detector's nominal sensitivity is set at the control and indicating equipment as either 'high' (4 %obs/m) or 'normal' (8 %obs.m).

The detector incorporates the ZP7 addressable analogue communication system; an advanced polling system for power and 2-way communication over a single pair of wires. The system controls each detector's sensitivity, calibration, supervision and test functions. The smoke level sensed by the detector is converted to a proportional electrical signal and transmitted to the control and indicating equipment.

The detector is compatible with the Ziton AS2 series of control and indicating equipment.

Technical specification

The following details are a representative extract of the technical specification for the Ziton, Model ZP730-2, remotely determined, nom. sens. (S)=4% or 8% obs./m., photoelectric smoke detector and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

Nominal sensitivity (S):	either 4% or 8% obs./m., remotely determined (set at CIE)
Operation:	Light scattering
Operating voltage:	16 - 29 Vdc
Quiescent current:	600 µA @ 24 Vdc
Alarm current:	700 µA @ 24 Vdc
Temperature range:	-10°C to +75°C
Humidity:	20% to 95% RH (non condensing)
Built-in indicator:	Red LED (flashing in alarm)
Address setting:	7 way DIP switch
Dimensions:	106 mm x 51 mm (diameter x height)
Weight:	105 g

Model / variant	Tested base designation	Base + detector circuit type
ZP730-2: PCB 460 V02	Ziton, Model ZP7-SB1	Analogue Addressable
ZP730-2: PCB 460 V04	Ziton, Model ZP7-SB1	Analogue Addressable