



Organismo Notificado N° 0370

CERTIFICADO



No. **0370-CPR-1818**

CERTIFICADO DE CONSTANCIA DE LAS PRESTACIONES

En cumplimiento con el Reglamento 305/2011/EU del Parlamento Europeo y del Consejo de 9 de marzo de 2011 (Reglamento de Productos de Construcción o CPR), este certificado aplica al producto de construcción:

SISTEMAS DE DETECCIÓN Y ALARMA DE INCENDIOS:

- **PARTE 5: DETECTORES DE CALOR. DETECTORES PUNTUALES.**
- **PARTE 7: DETECTORES DE HUMO.** DETECTORES PUNTUALES QUE FUNCIONAN SEGÚN EL PRINCIPIO DE LUZ DIFUSA, LUZ TRANSMITIDA O POR IONIZACIÓN.

ZX432-2P DETECTOR MULTISENSOR INALÁMBRICO (ÓPTICO/TÉRMICO)

Puesto en el mercado por:

UTC FIRE & SECURITY B.V.

KELVINSTRAAT, 7
6003 DH WEERT (NETHERLANDS)

Y fabricado en la planta de producción:

UNITED TECHNOLOGIES SAFETY SYSTEM CO., LTD.

No. 80 CHANGJIANG EAST ROAD, QETDZ, QINHUANGDAO, HEBEI, CHINA 066004

Este certificado indica que se han aplicado todas las disposiciones relativas a la evaluación y verificación de la constancia de las prestaciones descritas en el Anexo ZA de las normas

EN 54-5:2000, EN 54-5:2000/A1:2002; EN 54-7:2000, EN 54-7:2000/A1:2002, EN 54-7:2000/A2:2006

bajo el sistema 1, y que **el producto cumple todos los requisitos mencionados anteriormente.**

Este certificado fue emitido por primera vez el 8 de agosto de 2014 y su validez permanece mientras los requisitos de los métodos de ensayo y/o del control de producción en fábrica, incluidos en la norma armonizada, empleados para evaluar las prestaciones de las características declaradas no cambien, y no se modifique significativamente el producto y las condiciones de producción en fábrica. A fecha 7 de septiembre de 2018 se confirma éste y todas sus modificaciones anteriores.

El seguimiento se realizará antes de septiembre de 2019

Bellaterra, 7 de septiembre de 2018


Xavier Ruiz Peña
Managing Director, Product Conformity B.U.



Este documento carece de validez sin su anexo técnico, cuyo número coincide con el del certificado.

ANEXO TÉCNICO 0370-CPR-1818

CERTIFICADO DE CONSTANCIA DE LAS PRESTACIONES

Anexo según **EN 54-5:2000; EN 54-5:2000/A1:2002**

CARACTERÍSTICAS ESENCIALES	CAPÍTULO Y APARTADOS EN ESTA NORMA EUROPEA	NIVELES Y/O CLASES MANDATADAS
Clasificación	4.2.	A2 PASA
Posición de los componentes sensibles al calor	4.3.	PASA
Indicación de alarma individual	4.4.	PASA
Conexión de dispositivos auxiliares	4.5.	PASA
Vigilancia de los detectores desmontables	4.6.	PASA
Ajustes de fábrica	4.7.	PASA
Ajuste in situ del comportamiento de la respuesta del detector	4.8.	PASA
Marcado	4.9.	PASA
Información técnica	4.10.	PASA
Requisitos adicionales para los detectores controlados por software	4.11.	PASA
Dependencia direccional	5.2.	PASA
Temperatura de respuesta estática	5.3.	PASA
Tiempos de respuesta a partir de la temperatura típica de aplicación	5.4.	PASA
Tiempos de respuesta a partir de 25 °C	5.5.	NA
Tiempos de respuesta a partir de una temperatura ambiente levada (calor seco, ensayo funcional)	5.6.	PASA
Variación de los parámetros de la fuente de alimentación	5.7.	PASA
Reproducibilidad	5.8.	PASA
Frío (ensayo funcional)	5.9.	PASA
Calor seco (ensayo de resistencia)	5.10.	PASA
Calor húmedo cíclico (ensayo funcional)	5.11.	PASA
Calor húmedo, estado estacionario (ensayo de resistencia)	5.12.	PASA
Corrosión por dióxido de azufre (SO ₂) (Ensayo de resistencia)	5.13.	PASA
Choque (ensayo funcional)	5.14.	PASA
Impacto (ensayo funcional)	5.15.	PASA

PASA; PND = Prestación No Determinada, NA = No Aplica



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CERTIFICADO DE CONSTANCIA DE LAS PRESTACIONES

Anexo según **EN 54-5:2000; EN 54-5:2000/A1:2002**

CARACTERÍSTICAS ESENCIALES	CAPÍTULO Y APARTADOS EN ESTA NORMA EUROPEA	NIVELES Y/O CLASES MANDATADAS
Vibración, sinusoidal (ensayo funcional)	5.16.	PASA
Vibración, sinusoidal (ensayo de resistencia)	5.17.	PASA
Compatibilidad electromagnética (CEM), ensayos de inmunidad (ensayo funcional)	5.18.	PASA
Ensayos para detectores con sufijo S	6.1.	NA
Ensayo para detectores de sufijo R	6.2.	NA

PASA; PND = Prestación No Determinada, NA = No Aplica

MODELOS CERTIFICADOS	
ZITON ZR432-2P	ZX432-2P DUAL DETECTOR (OPT/HEAT) /W ZR401-3P WIRELESS BASE & BATTERY (POLAR WHITE)
ZITON ZR432-2PA	ZX432-2P DUAL DETECTOR (OPT/HEAT) /W ZR401-3PA WIRELESS SOUNDER BASE & BATTERY (POLAR WHITE)
ZITON ZR432-2PAV	ZX432-2P DUAL DETECTOR (OPT/HEAT) /W ZR401-3PAV WIRELESS SOUNDER BASE & RED VISUAL INDICATOR & BATTERY (POLAR WHITE)

ANEXO TÉCNICO 0370-CPR-1818

CERTIFICADO DE CONSTANCIA DE LAS PRESTACIONES

Anexo según **EN 54-7:2000, EN 54-7:2000/A1:2002; EN 54-7:2000/A2:2006**

CARACTERÍSTICAS ESENCIALES	CAPÍTULO Y APARTADOS EN ESTA NORMA EUROPEA	NIVELES Y/O CLASES MANDATADAS
Indicación de alarma individual	4.2.	PASA
Conexión de dispositivos auxiliares	4.3.	NA
Supervisión y control de detectores desmontables	4.4.	PASA
Ajustes de fábrica	4.5.	PASA
Ajuste in-situ del comportamiento de la respuesta del detector	4.6.	PASA
Protección contra la entrada de cuerpos extraños	4.7.	PASA
Respuesta a incendios de desarrollo lento	4.8.	NA
Marcado	4.9.	PASA
Información técnica	4.10.	PASA
Requisitos adicionales para los detectores controlados por software	4.11.	PASA
Repetibilidad	5.2.	PASA
Reproducibilidad	5.4.	PASA
Variación de los parámetros de la fuente de alimentación	5.5.	PASA
Movimiento de aire	5.6.	PASA
Deslumbramiento	5.7.	PASA
Calor seco (ensayo funcional)	5.8.	PASA
Frío (ensayo funcional)	5.9.	PASA
Calor húmedo, estado estacionario (ensayo funcional)	5.10.	PASA
Calor húmedo, estado estacionario (ensayo de resistencia)	5.11.	PASA
Corrosión por dióxido de azufre (SO ₂) (Ensayo de resistencia)	5.12.	PASA
Choque (ensayo funcional)	5.13.	PASA
Impacto (ensayo funcional)	5.14.	PASA
Vibración, sinusoidal (ensayo funcional)	5.15.	PASA
Vibración, sinusoidal (ensayo de resistencia)	5.16.	PASA
Compatibilidad electromagnética (CEM), ensayos de inmunidad (ensayo funcional)	5.17.	PASA
Sensibilidad al fuego	5.18.	PASA

PASA; PND = Prestación No Determinada, NA = No Aplica



Certificate of Constancy of Performance

0359-CPR-00291



In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation), this certificate applies to the construction product(s).

Product(s): Ziton Combined Sounder and Combined Sounder Beacon bases
(refer to attached appendix for details and conditions)

Produced by or for: EMS Security Group Limited
Technology House, Sea Street, Herne Bay, Kent, CT6 8JZ

Produced in the manufacturing plant(s): EMS Security Group Limited
Technology House, Sea Street, Herne Bay, Kent, CT6 8JZ

Intended use: Fire Safety

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s):

EN 54-3:2001+A1:2002+A2:2006

Fire detection and fire alarm systems – Fire alarm devices - Sounders

EN54-25:2008+AC:2012

Fire detection and fire alarm systems – Components using radio links

Under system 1 are applied and that the product(s) fulfils all the prescribed requirements set out above.

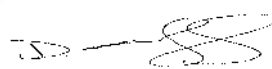
This certificate was first issued on **12 February 2014** and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.

Notified Body
0359

Intertek Testing & Certification Limited
Cleeve Road, Leatherhead
Surrey, KT22 7SB
Tel: + 44 (0)1372 370900
Fax: +44 (0)1372 370977
E-mail: cpd.uk@intertek.com

www.intertek.com

Daniel Griffin
Certification Manager



Date 12/02/2014
Issue 1

Registered No 3272281 Academy Place, 1-9 Brook Street, Brentwood, Essex,
CM14 5NQ, United Kingdom

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

Certificate of Constancy of Performance

0359-CPR-00291



Appendix to Certificate of Constancy of Performance 0359-CPR-00291

The details and condition of use for the Ziton Combined Sounder and Combined Sounder Beacon bases, placed on the market by:

EMS Security Group Limited

Technology House, Sea Street, Herne Bay, Kent, CT6 8JZ

To be used in accordance with the supplier's installation instructions and in conjunction with the following bases, ancillaries, sounder tones and sensitivity settings (*where applicable*):

Products compliant with EN 54-3:2001+A1:2002+A2:2006 and EN54-25:2008+AC:2012:

Variant	Description
ZR432-2PA	Ziton Combined Sounder and Detector Base
ZR432-2PAV	Ziton Combined Sounder Beacon (Red) and Detector Base

Detectors (for use with the following EN54-5 and EN54-7 detectors):

Variant	Description
ZR432-2	Ziton Wireless Class A2 heat detector / optical smoke detector (Ivory)
ZR432-2P	Ziton Wireless Class A2 heat detector / optical smoke detector (Polar white)

Conditions of use:

Suitable for indoor applications

General Notes:

1. Evaluated under Intertek project number G101241271.
2. No CE or other type approval is made or inferred outside of the attestation of conformity and the product performance as stipulated on this certificate.
3. The beacon function does not fall within the scope of this certificate.

Intertek Testing & Certification Limited, Cleeve Road, Leatherhead, Surrey, KT22 7SB
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Certificate of Constancy of Performance

0359-CPR-00291



Appendix to Certificate of Constancy of Performance 0359-CPR-00291 (continued)

Table of performance for EN54-3:2001+A1:2002+A2:2006

Harmonised technical specification

Essential characteristics	Performance	Clauses	Notes
Performance under fire conditions	Pass	4.2, 4.3, 5.2, 5.3, C.3.1, C.3.2, C.5.1, C.5.2, C.5.3	a, b
Operational reliability	Pass	4.4, 4.5, 4.6, 5.4, C4	a
Durability of operational reliability; temperature resistance	Pass	5.5, 5.6, 5.7, 5.8, 5.9	c, e
Durability of operational reliability; humidity resistance	Pass	5.8, 5.9, 5.10	c
Durability of operational reliability; corrosion resistance	Pass	5.11	
Durability of operational reliability; shock and vibration resistance	Pass	5.12 to 5.15	
Durability of operational reliability; electrical stability	Pass	5.16	d
Durability of operational reliability; resistance to ingress	Pass	5.17	e

Notes:

- Clauses C.3.1, C.3.2, C4, C.5.1, C.5.2 and C.5.3 are only applicable to voice sounders; these clauses were therefore not applicable.
- Clauses C.3.2 and C.5.3 are only applicable to voice sounders with the message synchronisation option; these clauses were therefore not applicable.
- Clauses 5.6 and 5.10 are only applicable to outdoor sounders or outdoor voice sounders; these clauses were therefore not applicable.
- Clauses 5.16.2.1c, 5.16.2.1d and 5.16.2.1e are only applicable if cables are connected to the device; these clauses were therefore not applicable.
- For Clauses 5.5, 5.7, 5.8 and 5.17, Type A conditioning was applied.

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Appendix to Certificate of Constancy of Performance 0359-CPR-00291 (continued)

Table of performance for EN54-25:2008+AC:2012			
Harmonised technical specification			
Essential characteristics	Performance	Clauses	Notes
Performance parameters under fire conditions	Pass	4.1, 4.2.2, 5.2, 8.3.7	a
Response delay (response time to fire)	Pass	8.2.3, 8.2.6	a
Operational reliability	Pass	4.2.1, 4.2.3 to 4.2.7, 5.3, 5.4, 6, 7, 8.2.2, 8.2.4, 8.2.5, 8.2.7, 8.2.8, 8.2.9, 8.3.1, 8.3.2, 8.3.3, 8.3.4, 8.3.5, 8.3.6	
Durability of operational reliability; temperature resistance	Pass	8.3.9, 8.3.10, 8.3.11	b
Durability of operational reliability; vibration resistance	Pass	8.3.16, 8.3.17 to 8.3.19	
Durability of operational reliability; humidity resistance	Pass	8.3.12, 8.3.13, 8.3.14	
Durability of operational reliability; corrosion resistance	Pass	8.3.15	
Durability of operational reliability; electrical stability	Pass	8.3.20	c, d
Notes:			
a. The products covered by this standard are assumed to enter the alarm condition, in an event of fire, before the fire becomes so large as to affect their functioning. There is therefore no requirement to function when exposed to direct attack from fire.			
b. Clause 8.3.10 is only applicable to outdoor sounders or outdoor voice sounders; this clause is not therefore applicable.			
c. Clauses 8.3.20.2c, 8.3.20.2d and 8.3.20.2e are only applicable if cables are connected to the device; these clauses were therefore not applicable.			
d. Clauses 8.3.20.2f and 8.3.20.2g are only applicable for mains supplied devices; these clauses were therefore not applicable.			

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EC Declaration of Conformity to Radio Equipment Directive 2014/53/EU

Ziton Wireless Detector Base–

ZR401-3P - Wireless Detector Base for ZX432-2 w/ Batt. (Polar White)

I declare under our sole responsibility that the above products conform to the essential requirements and other relevant requirements of the Radio Equipment Directive 2014/53/EU. The products are in conformity with the following standards:

EN 60950-1:2006 +A11:2009 +A1:2010 +A12:2011
ETSI EN 300 220-2 V3.1.1 :2017
ETSI EN 301 489-1 V2.2.0 (2017-03)
ETSI EN 301 489-3 V2.1.1 (2017-03)
EN 50130-4:2011
EN 62369-1:2009

Test Report Numbers:

EMS-880-2016, 102674942LHD-001, 102979177LHD-001

Signed by:

Date: 12 June 2017

Name: Daniel Griffin

Position: Director of Product & Compliance



A member of EMS Security Group Limited
Company Registered in England & Wales 917296 - address as above
VAT Group Reg No: GB 572 0384 49

