



Notified body N° 0370



CERTIFICATE

Nr.

0370-CPR-1744

CERTIFICATE OF CONSTANCY OF PERFORMANCE

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

FIRE DETECTION AND FIRE ALARM SYSTEMS

- PART 5: HEAT DETECTORS. POINT DETECTORS.
- PART 7: SMOKE DETECTORS. POINT DETECTORS USING SCATTERED LIGHT, TRANSMITTED LIGHT OR IONIZATION.

ADRESSABLE ANALOGUE ADDRESSABLE COMBINED SMOKE AND HEAT DETECTOR.
TRADEMARK ZITON ZX832-3

Produced by:

UTC FIRE & SECURITY B.V.
KELVINSTRAAT, 7
6003 DH WEERT (NETHERLANDS)

And produced in the manufacturing plant:

GULF SECURITY TECHNOLOGY CO. LTD.
No. 80 CHANGJIANG EAST ROAD, QETDZ, QINHUANGDAO, HEBEI, CHINA 066004

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard

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

under system 1 are applied and that **the product fulfils all the prescribed requirements set out above.**

This certificate was first issued on 16th May 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.

Bellaterra, 16th May 2014

Applus⁺

LGAI Technological Center, S.A.

Jordi Brufau Redondo
General Manager

Applus⁺
LGAI Technological Center, S.A.

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



This document is not valid without its technical annex, whose number coincides with the number of certificate.

TECHNICAL ANNEX 0370-CPR-1744

CERTIFICATE OF CONSTANCY OF PERFORMANCE

Annexes according to EN 54-7:2000, EN 54-7:2000/A1:2002 and EN 54-7:2000/A2:2006

Essential characteristics	Clauses in this European Standard	Mandated level(s) or class(es)
Individual alarm indication	4.2.	PASS
Connection of ancillary devices	4.3.	PASS
Monitoring of detachable detectors	4.4.	PASS
Manufacturer's adjustments	4.5.	PASS
On-site adjustment of response behaviour	4.6.	PASS
Protection against the ingress of foreign bodies	4.7.	PASS
Response to slowly developing fires	4.8.	PASS
Marking	4.9	PASS
Data	4.10.	PASS
Additional requirements for software controlled detectors	4.11.	NA
Repeatability	5.2.	PASS
Reproducibility	5.4.	PASS
Variation in supply parameters	5.5.	NPD
Air movement	5.6.	PASS
Dazzling	5.7.	PASS
Dry heat (operational)	5.8.	NPD
Cold (operational)	5.9.	NPD
Damp heat, steady state (operational)	5.10.	PASS
Damp heat, steady state (endurance)	5.11.	NPD
Sulfur dioxide (SO2) corrosion (endurance)	5.12.	PASS
Shock (operational)	5.13.	NPD
Impact (operational)	5.14.	PASS
Vibration, sinusoidal (operational)	5.15.	NPD
Vibration, sinusoidal (endurance)	5.16.	NPD
Electromagnetic compatibility (EMC), immunity tests (operational)	5.17.	NPD
Fire sensitivity	5.18.	PASS

PASS; NPD = No Performance Determined; NA = Not Apply



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Essential characteristics	Clauses in this European Standard	Mandated level(s) or class(es)
Vibration, sinusoidal (endurance)	5.17	NPD
Electromagnetic compatibility (EMC), immunity tests (operational)	5.18	NPD
Test for suffix S detectors	6.1	NA
Test for suffix R detectors	6.2	NA

Variants:
ZX832-3B (Ziton) Black
ZX832-3P (Ziton) Polar White
ZX832-3S30 (Chubb) Polar White

PASS; NPD = No Performance Determined; NA = Not Apply

TECHNICAL ANNEX 0370-CPR-1744

CERTIFICATE OF CONSTANCY OF PERFORMANCE

Annexes according to EN 54-5: 2000 and EN 54-5: 2000/A1: 2002

Essential characteristics	Clauses in this European Standard	Mandated level(s) or class(es)
Classification	4.2	A1 PASS
Position of heat sensitive elements	4.3	PASS
Individual alarm indication	4.4	PASS
Connection of ancillary devices	4.5	PASS
Monitoring of detachable detectors	4.6	PASS
Manufacturer's adjustments	4.7	PASS
On-site adjustment of response behaviour	4.8	PASS
Marking	4.9	PASS
Data	4.10	PASS
Additional requirements for software controlled detectors	4.11	NA
Directional dependence	5.2	PASS
Static response temperature	5.3	PASS
Response times from typical application temperature	5.4	PASS
Response times from 25 °C	5.5	NPD
Response times from high ambient temperature (dry heat operational)	5.6	NPD
Variation in supply parameters	5.7	NPD
Reproducibility	5.8	PASS
Cold (operational)	5.9	NPD
Dry heat (endurance)	5.10	NPD
Damp heat, cyclic (operational)	5.11	NPD
Damp heat, steady state (endurance)	5.12	NPD
Sulfur dioxide (SO2) corrosion (endurance)	5.13	PASS
Shock (operational)	5.14	NPD
Impact (operational)	5.15	NPD
Vibration, sinusoidal (operational)	5.16	NPD

PASS; NPD = No Performance Determined; NA = Not Apply

