

CERTIFICATE OF CONSTANCY OF PERFORMANCE

0905-CPR-00249

In compliance with Regulation (EU) No 305/2011 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(s)

Product(s): Ziton Radio Cluster Communicator
(refer to attached appendix for details and conditions)

Placed on the market under the name or trade mark of: UTC Fire & Security B.V.
Kelvinstraat 7
6003 DH Weert
The Netherlands

and produced in the manufacturing plant(s): EMS Security Group Limited (SG- 15557)
Technology House, Sea Street
Herne Bay, Kent, CT6 8JZ
United Kingdom

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 54-25:2008+AC:2012
EN 54-18:2005+AC:2007
EN 54-4:1997+A1:2002+A2:2006

Under System 1 for the performance set out in this certificate are applied and that the performance of the construction product is assessed to remain constant.

This certificate was first issued under **0359-CPR-00249** on **2013-09-30** and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Notified Body
0905

Certification Manager: Dipl.-Ing. Roland Heine

Signature:



Date Issue: 2020-10-07
Issue: 1

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.

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APPENDIX TO: Certificate of Constancy of Performance 0905-CPR-00249

The details and conditions of use for the Ziton Radio Cluster Communicator, placed on the market under the name or trade mark of:

UTC Fire & Security B.V.
Kelvinstraat 7
6003 DH Weert
The Netherlands

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 54-4:1997+A1:2002+A2:2006, EN 54-18:2005+AC:2007 and EN 54-25:2008+AC:2010+AC:2012:

Model	Manufacturing Location	Description
ZPR868-CM	SG-15557	Ziton Radio Cluster Communicator with Wire Aerials (mains)
ZPR868-CSM	SG-15557	Ziton Radio Cluster Communicator with SMA Aerials (mains)

Products compliant with EN54-18:2005+AC:2007 and EN54-25:2008+AC:2010+AC:2012:

Model	Manufacturing Location	Description
ZPR868-C	SG-15557	Ziton Radio Cluster Communicator with Wire Aerials (24V)
ZPR868-CS	SG-15557	Ziton Radio Cluster Communicator with SMA Aerials (24V)

Conditions of use:

Suitable for indoor applications

General Notes:

1. Evaluated under Intertek project number 100742793, 100770342 and 101119666.
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.

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Table of performance for EN 54-4:1998+A1:2002+A2:2006

Harmonised technical specification

Essential characteristics	Performance	Requirement clauses in this European standard
Performance of power supply	PASS	4, 5, 6 (See note a)
Operational reliability	PASS	4, 5, 6, 7, 8 (See note a)
Durability of operational reliability, Temperature resistance	PASS	9.5
Durability of operational reliability, Vibration resistance	PASS	9.7, 9.8, 9.15
Durability of operational reliability, Electrical stability	PASS	9.9 to 9.13
Durability of operational reliability, Humidity resistance	PASS	9.6, 9.14

a The products covered by this standard are assumed to function during 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.

Table of performance for EN 54-18:2005

Harmonised technical specification

Essential characteristics	Performance	Requirement clauses in this European standard
Response delay (response time)	PASS	5.2 (See note 1)
Performance under fire conditions	PASS	5.1.4
Operational reliability	PASS	5.1.4
Durability of operational reliability, Temperature resistance	PASS	5.3, 5.4
Durability of operational reliability, Vibration resistance	PASS	5.8 to 5.11
Durability of operational reliability, Humidity resistance	PASS	5.5, 5.6
Durability of operational reliability, Corrosion resistance	PASS	5.7
Durability of operational reliability, Electrical stability	PASS	5.2, 5.12

a Response delays may not be a function of the input/output device, in which case no assessment is made as part of this standard.

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Table of performance for EN 54-25:2008+AC:2010+AC:2012 Harmonised technical specification		
Essential characteristics	Performance	Requirement clauses in this European standard
Performance parameters under fire conditions	PASS	4.1, 4.2.2, 5.2, 8.3.7 (see note a)
Response delay (response time to fire)	PASS	8.2.3, 8.2.6 (see note b)
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 (see note d), 8.2.9, 8.3.1, 8.3.2, 8.3.3, 8.3.5, 8.3.6
Durability of operational reliability, Temperature resistance	PASS	8.3.9 (see note d), 8.3.10 (see note d), 8.3.11
Durability of operational reliability, Vibration resistance	PASS	8.3.16 (see note c), 8.3.17 to 8.3.19
Durability of operational reliability, Humidity resistance	PASS	8.3.12 (see note d), 8.3.13 (see note e), 8.3.14
Durability of operational reliability, Corrosion resistance	PASS	8.3.15 (see note c)
Durability of operational reliability, Electrical stability	PASS	8.3.20
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 no requirement to function when exposed to direct attack from fire. b Only applicable to components required to indicate loss of communication or to transmit this information to the CIE. c Not applicable for CIE. d Not applicable for CIE and smoke detectors. e Only applicable for CIE and smoke detectors.		

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