



# APPLUS+ CERTIFIED PRODUCT

No.

PR-2017/064

**CARRIER FIRE & SECURITY B.V.**

KELVINSTRAAT, 7  
6003 DH WEERT, THE NETHERLANDS

Produced in the manufacturing plant:

**CARRIER FIRE & SECURITY B.V.**

KELVINSTRAAT, 7  
6003 DH WEERT, THE NETHERLANDS

LGAI Technological Center S.A. (APPLUS) certifies that the product:

## ZP2-A series ZITON PROTOCOL

Is in accordance with the standard:

**EN 54-13:2005; EN 54-13:2017+A1:2019** "FIRE DETECTION AND FIRE ALARM SYSTEMS. PART 13: COMPATIBILITY AND CONNECTABILITY ASSESSMENT OF SYSTEM COMPONENTS".

LGAI has performed the product initial tests, the initial assessment of the production process and management system. Periodically, the entity does follow-up by testing samples from production and assessment of the production process and management system.

**This certificate is valid until 16<sup>th</sup> January 2027**, provided that the conditions laid down in the contract are maintained.

Bellaterra, 16<sup>th</sup> January 2023



**Applus<sup>+</sup>**  
LGAI Technological Center, S.A.

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



*This document is not valid without the technical annex, whose number matches the certificate.*

*The validity of this certificate can be checked on our website: [www.appluslaboratories.com/certified\\_products](http://www.appluslaboratories.com/certified_products)*

## PR-2017/064

TYPE OF DEVICE	BRAND	MODEL	TYPE	EN 54 PART <sup>1</sup>	FW VERSION
<b>Fire panels</b>					
Addressable fire panel	ZITON	ZP2-AF2-FB	1	EN54-2 EN54-4	V04.00.18 V04.00.22
Addressable fire panel	ZITON	ZP2-AF1-S	1	EN54-2 EN54-4	V04.00.18 V04.00.22
Addressable fire panel	ZITON	ZP2-AF1-FB-S	1	EN54-2 EN54-4	V04.00.18 V04.00.22
Addressable fire panel	ZITON	ZP2-AF2-S	1	EN54-2 EN54-4	V04.00.18 V04.00.22
Addressable fire panel	ZITON	ZP2-AF2-FB-S	1	EN54-2 EN54-4	V04.00.18 V04.00.22
Addressable fire panel	ZITON	ZP2-AFR-S	1	EN54-2 EN54-4	V04.00.18 V04.00.22
Addressable fire panel	ZITON	ZP2-AFR-FB-S	1	EN54-2 EN54-4	V04.00.18 V04.00.22
Addressable fire panel	ZITON	ZP2-AE1	1	EN54-2 EN54-4	V04.00.18 V04.00.22
Addressable fire panel	ZITON	ZP2-AF1	1	EN54-2 EN54-4	V04.00.18 V04.00.22
Addressable fire panel	ZITON	ZP2-AF1-FB	1	EN54-2 EN54-4	V04.00.18 V04.00.22
Addressable fire panel	ZITON	ZP2-AE2	1	EN54-2 EN54-4	V04.00.18 V04.00.22
Addressable fire panel	ZITON	ZP2-AF2	1	EN54-2 EN54-4	V04.00.18 V04.00.22
Addressable fire panel	ZITON	ZP2-AF2-K	1	EN54-2 EN54-4	V04.00.18 V04.00.22
Addressable fire panel	ZITON	ZP2-AF2-PRT	1	EN54-2 EN54-4	V04.00.18 V04.00.22
Addressable fire panel	ZITON	ZP2-AF2-FB-PRT	1	EN54-2 EN54-4	V04.00.18 V04.00.22
Addressable fire panel	ZITON	ZP2-AFR	1	EN54-2 EN54-4	V04.00.18 V04.00.22
Addressable fire panel	ZITON	ZP2-AFR-FB	1	EN54-2 EN54-4	V04.00.18 V04.00.22
Addressable fire panel	ZITON	ZP2-AF2-P	1	EN54-2 EN54-4	V04.00.18 V04.00.22
Addressable fire panel	ZITON	ZP2-AF2-PRT-P	1	EN54-2 EN54-4	V04.00.18 V04.00.22
Addressable fire panel	ZITON	ZP2-AF2-FB-P	1	EN54-2 EN54-4	V04.00.18 V04.00.22
Addressable fire panel	ZITON	ZP2-AF2-FB-PRT-P	1	EN54-2 EN54-4	V04.00.18 V04.00.22
<b>Repeaters</b>					
<b>Type of Device</b>	<b>Brand</b>	<b>Model</b>	<b>Type</b>	<b>EN54 Part</b>	<b>FW version</b>
Addressable fire panel	Aritech	1X-F8	1	EN54-2 EN54-4	2.01.04
Addressable fire panel	Aritech	ZP2-F1	1	EN54-2 EN54-4	3.08.16
<b>Addressable detectors and compatible mounting bases</b>					
<b>Type of Device</b>	<b>Brand</b>	<b>Model</b>	<b>Type</b>	<b>EN54 Part</b>	<b>FW version</b>
Addressable reflective beam detector	Carrier/Ziton	FDR50-EZ	1	EN54-12	0765-01 Checksum 88C3
Addressable Heat Detector	Carrier/ZITON	ZP720-3P	1	EN54-5	---

<sup>1</sup> the components conform to either with the requirements of EN54 or with a manufacturer's specification where there is no EN54 standard

## PR-2017/064

TYPE OF DEVICE	BRAND	MODEL	TYPE	EN 54 PART <sup>1</sup>	FW VERSION
Addressable optical smoke detector	Carrier/ZITON	ZP730-2P	1	EN54-7	---
Addressable Dual Detector (Optical & Heat)	Carrier/ZITON	ZP732-2P	1	EN54-5 EN54-7	---
Detector base with integrated isolation	Carrier/ZITON	ZP7-IB2-P OBS (2)	1	EN54-17	---
Addressable Dual Detector (Optical & Heat)	Carrier/ZITON	ZX832-3B	1	EN54-5 EN54-7	---
Addressable Dual Detector (Optical & Heat)	Carrier/ZITON	ZX832-3P	1	EN54-5 EN54-7	---
<b>Manual call points</b>					
Type of Device	Brand	Model	Type	EN54 Part	FW version
CL785-3 Flush Mount Addressable MCP w/ EN54 Marking (RED) /CLYMAC (ZP785-3)	CLYMAC/Ziton	CL785-3	1	EN54-11	---
Addressable Manual Call Point	Carrier/ZITON	ZP785-3	1	EN54-11	---
ZP785-3 Flush Mount Addressable MCP w/ EN54 Marking (RED) /CHUBB	Carrier/ZITON	ZP785-3S30	1	EN54-11	---
ZP785-3S-SW Surface Mount Addressable MCP w/ EN54 Marking (RED) w/ Hinged Cover	Carrier/ZITON	ZP785-3S-SW	1	EN54-11	---
Addressable Manual Call Point	Carrier/ZITON	ZP785-3WS	2	EN54-11	---
ZP785 Addressable MCP RED, 2-Pos. Key Switch, Surface Mount	Carrier/ZITON	ZP785KS-N	2	EN54-11	---
Addressable Manual Call Point	Carrier/ZITON	ZP787-3	1	EN54-11	---
Addressable Manual Call Point	KIDDE/Carrier	ZP885	1	EN54-11	PULSAR MCP FW PACKAGE
Intelligent Addressable Manual Call Point - Swedish Ziton (Red)	KIDDE/Carrier	ZP885S06	1	EN54-11	PULSAR MCP FW PACKAGE
Intelligent Addressable Manual Call Point - English Ziton (Red)	KIDDE/Carrier	ZP885S27	1	EN54-11	PULSAR MCP FW PACKAGE
Intelligent Addressable Manual Call Point - Chubb (Red)	KIDDE/Carrier	ZP885S30	1	EN54-11	PULSAR MCP FW PACKAGE
Intelligent Addressable Manual Call Point - Clymac (Red)	KIDDE/Carrier	ZP885SCL	1	EN54-11	PULSAR MCP FW PACKAGE
Intelligent Addressable Manual Call Point - Ziton (White)	KIDDE/Carrier	ZP885W	2	EN54-11	PULSAR MCP FW PACKAGE
Intelligent Addressable Manual Call Point - (Green)	KIDDE/Carrier	ZP886G	2	EN54-11	V1.02.03
Intelligent Addressable Manual Call Point - (Red)	Carrier/ZITON	ZP886R	1	EN54-11	V1.02.03
Intelligent Addressable Manual Call Point - Swedish (Red)	Carrier/ZITON	ZP886R-S06	1	EN54-11	V1.02.03
Intelligent Addressable Manual Call Point - English (Red)	Carrier/ZITON	ZP886R-S27	1	EN54-11	V1.02.03
Intelligent Addressable Manual Call Point - Chubb (Red)	Carrier/ZITON	ZP886R-S30	1	EN54-11	V1.02.03
Intelligent Addressable Manual Call Point - Clymac (Red)	Carrier/ZITON	ZP886R-SCL	1	EN54-11	V1.02.03
Intelligent Addressable Manual Call Point - (White)	Carrier/ZITON	ZP886W	2	EN54-11	V1.02.03
Addressable Manual Call Point	KIDDE/Carrier	ZP887	1	EN54-11	PULSAR MCP FW PACKAGE
Intelligent Addressable Manual Call Point - Weatherproof English Ziton (Red)	KIDDE/Carrier	ZP887S27	1	EN54-11	PULSAR MCP FW PACKAGE
Intelligent Addressable Manual Call Point - Weatherproof (Green)	KIDDE/Carrier	ZP888G	2	EN54-11	V1.02.03
Intelligent Addressable Manual Call Point - Weatherproof (Red)	Carrier/ZITON	ZP888R	1	EN54-11	V1.02.03

TYPE OF DEVICE	BRAND	MODEL	TYPE	EN 54 PART <sup>1</sup>	FW VERSION
<b>Addressable notification devices</b>					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Ceiling mount VAD	Carrier/ZITON	ZPC760W	1	EN54-23	VAD S/W
Wall mount VAD (white body, red flash)	Carrier/ZITON	ZPW760W	1	EN54-23	VAD S/W
<b>I/O modules</b>					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Single Input Module	Carrier/Ziton	A45E-2	1	EN54-18	---
Line Relay Unit	Carrier/Ziton	A50E-2	1	EN54-18	---
High Voltage Relay Module	Carrier/Ziton	A51E-1	1	EN54-18	---
Line Isolator	Carrier/Ziton	A60E-2 OBS (1) OBS (2)	1	EN54-17	---
A70 CONVENTIONAL INTERFACE	Carrier/Ziton	A70E-2	1	EN54-18	---
<b>Sounders and beacons</b>					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Addressable Base Sounder	Carrier/ZITON	ZP755B-2P	1	EN54-3	---
Addressable Base Sounder with Visual Indicator	Carrier/ZITON	ZP755BV-4P	1	EN54-3	---
Horn Sounder (Polar White)	Carrier/ZITON	ZP755HA-2P	1	EN54-3	---
Omni sounder RED	Carrier/ZITON	ZP755HA-2R	1	EN54-3	---
Horn Sounder w/ Visual Indicator (Polar White)	Carrier/ZITON	ZP755HAV-2P	1	EN54-3	---
Addressable Horn Sounder/Visual Indicator	Carrier/ZITON	ZP755HAV-2R	1	EN54-3	---
Addressable Room Sounder	Carrier/ZITON	ZP755R-2R	1	EN54-3	---
Weatherproof Sounder	Carrier/ZITON	ZP755W-2R	1	EN54-3	---
Addressable Weatherproof Sounder/Visual Indicator	Carrier/ZITON	ZP755WV-2R	1	EN54-3	---
Wall mount sounder/VAD	Carrier/ZITON	ZPW766R	1	EN54-3 & EN54-23	VAD S/W
Wall mount sounder/VAD	Carrier/ZITON	ZPW766W	1	EN54-3 & EN54-23	VAD S/W
Weatherproof Wall Mount Sounder/VAD	Carrier/ZITON	ZPW767R	1	EN54-3 & EN54-23	VAD S/W
<b>Addressable wireless devices</b>					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Radio Loop Module	Carrier/ZITON	ZPR868	1	EN54-17/18/25	V3.11
Radio cluster communicator (RCC), mains powered	Carrier/ZITON	ZPR868-CM	1	EN54-18/25	V3.11
4-loop radio loop module (HUB)	Carrier/ZITON	ZPR868-H	1	EN54-17/18/25	V3.11
<b>Addressable type 2 devices</b>					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Addressable Visual Indicator	Carrier/ZITON	ZP755V-P	2	EN54-23	---
ZP3-ECU Extinguishing Control	Carrier/ZITON	ZP-ECU OBS (1)	2	EN54-18	---

\* OBS (1): The equipments A60E-2 and ZP-ECU only complies partially the standard 54-13, between the working voltages range 18 to 20 V and 22 to 29 V respectively.

OBS (2): The devices ZP7-IB2-P and A60E-2 must be installation in different loops to complies compatibility of EN54-13.