

# FIRE SAFETY CERTIFICATION

## PRODUCT APPROVAL

No. **APF-1873**

**LGAI TECHNOLOGICAL CENTER S.A. (APPLUS)**, according to the requirements of the SPC-102 Ed. 6, certifies the performances stated in the technical annex following the reference standard for:



<b>Product range</b>	ZP2-F1
<b>Company</b>	<b>CARRIER FIRE &amp; SECURITY B.V.</b> KELVINSTRAAT, 7 6003 DH WEERT (NETHERLANDS)
<b>Manufactured</b>	<b>CARRIER MANUFACTURING POLAND SPÓŁKA Z O. O.</b> UL. KOLEJOWA, 24 39-100 ROPCZYCE (POLAND)
<b>Standard Reference</b>	EN 54-2:1997, EN 54-2:1997/AC:1999, EN 54-2:1997/A1: 2006: "Fire detection and fire alarm systems. Part 2: control and indicating equipment". EN 54-4: 1997, EN 54-4: 1997/AC:1999, EN 54-4: 1997/A1:2002, EN 54-4:1997/A2:2006: "Fire detection and fire alarm systems. Part 4: power supply equipment". EN 54-21:2006: "Fire detection and fire alarm systems. Part 21: alarm transmission and fault warning routing equipment".
<b>Product Details and Test Report</b>	Please check at the technical annex



**Renovation** of the initial certificate issued 30<sup>th</sup> April 2021

**Valid until 31<sup>st</sup> July 2024**

Bellaterra, 1<sup>st</sup> June 2023

 LGAI Technological Center, S.A. <b>Xavier Ruiz Peña</b> Product Conformity B. U., Managing Director	
You can check the validity of this certificate on our website: <a href="http://www.appluslaboratories.com/certified_products">www.appluslaboratories.com/certified_products</a>	

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



## APF-1873

Annexes according to **EN 54-2:1997, EN 54-2:1997/AC:1999, EN 54-2:1996/A1:2006**

### FIRE DETECTION AND FIRE ALARM SYSTEMS. PART 2: CONTROL AND INDICATING EQUIPMENT

ESSENTIAL CHARACTERISTICS	CLAUSES IN THIS EUROPEAN STANDARD	MANDATED LEVEL(S) OR CLASS(ES)
General requirements	4.	PASS
General requirements for indications	5.	PASS
The quiescent condition	6.	PASS
The fire alarm condition	7.	PASS
Output to fire alarm devices (option with requirements)	7.8	PASS
Output to fire alarm routing equipment	7.9.1	PASS <sup>1</sup>
Alarm confirmation input from fire alarm routing equipment	7.9.2	PASS <sup>1</sup>
Output to fire protection equipment - Type A,B and C	7.10	PASS <sup>1</sup>
Delays to outputs (option with requirements)	7.11	PASS
Dependencies on more than one alarm signal (Type A, B and C)	7.12	PASS
Alarm counter	7.13	PASS
Fault warning condition (see also annex F)	8.	PASS
Fault signals from points (option with requirements)	8.3	PASS
Total loss of the power supply (option with requirements)	8.4	PASS
Output to fault warning routing equipment	8.9	PASS
Disabled condition	9.	PASS
Disabling of addressable points (option with requirements)	9.5	PASS
Test condition (option with requirements)	10.	PASS
Standardized input/output interface (option with requirements –see also annex G)	11.	NA
Design requirements	12.	PASS
Additional design requirements for software controlled control and indicating equipment	13.	PASS
Marking	14.	PASS
Cold (operational)	15.4	PASS
Damp heat, steady state (operational)	15.5	PASS
Impact (operational)	15.6	PASS
Vibration, sinusoidal (operational)	15.7	PASS
Electromagnetic Compatibility (EMC)	15.8	PASS
Supply voltage variation (operational)	15.13	PASS
Damp heat, steady state (endurance)	15.14	PASS
Vibration, sinusoidal (endurance)	15.15	PASS

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

<sup>1</sup> not available on ZP2-F1 and ZP2-F1-S

## APF-1873

Annexes according to **EN 54-4:1997, EN 54-4:1997/AC:1999, EN 54-4:1997/A1:2002, EN 54-4:1997/A2:2006**

### FIRE DETECTION AND FIRE ALARM SYSTEMS. PART 4: POWER SUPPLY EQUIPMENT

ESSENTIAL CHARACTERISTICS	CLAUSES IN THIS EUROPEAN STANDARD	MANDATED LEVEL(S) OR CLASS(ES)
General requirements	4.	PASS
Functions	5.	PASS
Materials, design and manufacture	6.	PASS
Documentation	7.	PASS
Marking	8.	PASS
Cold (operational)	9.5	PASS
Damp Heat, steady state (operational)	9.6	PASS
Impact (operational)	9.7	PASS
Vibration, sinusoidal (operational)	9.8	PASS
Electrostatic discharges (operational)	9.9	PASS
Damp heat, steady state (endurance)	9.14	PASS
Vibration, sinusoidal (endurance)	9.15	PASS

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

## APF-1873

Annexes according to **EN 54-21:2006**

### **FIRE DETECTION AND FIRE ALARM SYSTEMS. PART 21** ALARM TRANSMISSION AND FAULT WARNING ROUTING EQUIPMENT

ESSENTIAL CHARACTERISTICS	CLAUSES IN THIS EUROPEAN STANDARD	MANDATED LEVEL(S) OR CLASS(ES)
General requirements	4.	PASS
Functional requirements	5.	PASS
Alarm transmission and fault warning system requirements	6.	PASS
Design requirements	7.	PASS
Marking	8.	PASS
Power supply	9.	PASS
Cold (operational)	10.4	PASS
Damp heat, steady state (operational)	10.5	PASS
Impact	10.6	PASS
Vibration, sinusoidal (operational)	10.7	PASS
Electromagnetic (EMC) immunity tests (operational)	10.8	PASS
Supply voltage variation	10.9	PASS
Damp heat, steady state (endurance)	10.10	PASS
Vibration, sinusoidal (endurance)	10.11	PASS

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

Certification includes the following devices:

**ZP2-F1** Intelligent Analogue Addressable Fire Panel with user interface - 1 loop

**ZP2-F1-S** Intelligent Analogue Addressable Fire Panel with user interface - 1 loop small cabinet

**ZP2-F1-SC** Intelligent Analogue Addressable Fire Panel with user interface with fire brigade controls - 1 loop (Scandinavia)

**ZP2-F1-SC-S** Intelligent Analogue Addressable Fire Panel with user interface with fire brigade controls - 1 loop small cabinet (Scandinavia)

**ZP2-F1-FB2** Intelligent Analogue Addressable Fire Panel with user interface with fire brigade controls - 1 loop

**ZP2-F1-FB2-S** Intelligent Analogue Addressable Fire Panel with user interface with fire brigade controls - 1 loop small cabinet

**ZP2-F1-SCFB** Intelligent Analogue Addressable Fire Panel with user interface with SS3654 fire brigade controls - 1 loop (Scandinavia)

**ZP2-F1-SCFB-S** Intelligent Analogue Addressable Fire Panel with user interface with SS3654 fire brigade controls - 1 loop small cabinet (Scandinavia)

**ZP2-E1** Intelligent Analogue Addressable Fire and Evacuation Panel with user interface with fire brigade controls - 1 loop

**ZP2-E1-S** Intelligent Analogue Addressable Fire and Evacuation Panel with user interface with fire brigade controls - 1 loop small cabinet

## APF-1873

Available with the following language kit options: -01 Dutch (NL) The Netherlands, -02 French (FR), -03 English (UK) United Kingdom and Ireland, -04 German (DE) -05 Norwegian, -06 Swedish, -07 Danish (DK), -08 English (AU) Australia, -09 Spanish, -10 Italian, -11 Dutch (BE) Belgium, -12 Irish, -13 German (AU) (Austria), -14 Greek, -15 Arabic, -17 English (US) United States of America, -18 Polish, -19 Turkish, -20 Czech Republic, -21 Portuguese, -22 Hungarian, -23 Danish (IC) Iceland, -24 Slovakian, -25 Russian, -27 Lithuanian, -28 Finnish, -29 German (SW) Switzerland, -30 Estonian, -31 Latvian, -32 French (BE) Belgium, -33 French (SW) Switzerland, -34 Italian (SW) Switzerland, -36 French (Int) International, -40 Bulgarian, -41 Belarusian, -43 Ukrainian, -44 Serbian, -45 Romanian (RO), -46 German (Int) International, -48 Croatian, -49 Macedonian, -50 Slovenian, -51 Hebrew, -71 Catalan, -80 Chinese, -99 English (Int) International English

Incorporating the following units:

2010-2F1-MB Main control board  
ZP2-UI User interface control board (for ZP2-F1, ZP2-F1-S)  
ZP2-UI-SC User interface control board (for ZP2-F1-SC and ZP2-F1-SC-S)  
ZP2-UI-FB2 User interface control board (for ZP2-F1-FB2, ZP2-F1-FB2-S)  
ZP2-UI-SCFB User interface control board (ZP2-F1-SCFB and ZP2-F1-SCFB-S)  
ZP2-UI-E User interface control board (for ZP2-E1 and ZP2-E1-S)  
2010-2-PS-40 4A Power Supply

And as optional modules:

ZP2-ZI-20 (20 Zone) (Large cabinet variant only)  
ZP2-ZI-40 (40 Zone) (Large cabinet variant only)  
ZP2-ZI-24-S (24 Zone) (for ZP2-F1-S, ZP2-E1-S and ZP2-F1-FB2-S)  
2010-2-NB Network card  
ZP2-LB Loop Board (Large cabinet variant only)  
2010-2-232-KIT Interface board for external printer  
2010-SK Scandinavian key and lock assembly (for ZP2-F1-SC, ZP2-F1-SC-S, ZP2-F1-SCFB and ZP2-F1-SCFB-S)  
2010-2-PS-C2 UK mains cable for large cabinet  
2010-2-PS-C2-S UK mains cable for small cabinet  
2010-2-PIB Peripheral Interface Board (Germany) (for ZP2-F1-FB2)  
2010-2-PIB-8O Peripheral Interface Board 8 outputs (Large cabinet variant only)  
2010-2-PIB-8I Peripheral Interface Board 8 inputs (Large cabinet variant only)  
2010-2-PIB-8I8O Peripheral Interface Board 8 outputs and 8 inputs (Large cabinet variant only)  
ADP-N3E-U IFAM interface card (master) (for ZP2-F1-FB2)  
ADP-N3S interface card (slave) (for ZP2-F1-FB2)  
2010-2-DACT with ATS7310 (GSM module)  
2010-FS-EOL Fault Supervision End of Line unit  
ZP2-D-TP Translucent door option for large cabinet\* (for ZP2-F1)  
ZP2-D-TP-S Translucent door option for small cabinet\* (for ZP2-F1-S)  
ZP2-D-FB2-TP Translucent door option for large cabinet\* (for ZP2-F1-FB2)  
ZP2-D-FB2-TP-S Translucent door option for small cabinet\* (for ZP2-F1-FB2-S)  
ZP2-D-E-TP Translucent door option for large cabinet\* (for ZP2-E1)  
ZP2-D-E-TP-S Translucent door option for small cabinet\* (for ZP2-E1-S)

## **APF-1873**

Ancillaries:

**ZP2-FR** Intelligent Analogue Addressable Fire Panel Repeater

**ZP2-FR-S** Intelligent Analogue Addressable Fire Panel Repeater small cabinet

**ZP2-FR-SC** Intelligent Analogue Addressable Fire Panel Repeater with fire brigade controls (Scandinavia)

**ZP2-FR-SC-S** Intelligent Analogue Addressable Fire Panel Repeater with fire brigade controls small cabinet (Scandinavia)

**ZP2-FR-FB2** Intelligent Analogue Addressable Fire Panel Repeater with fire brigade controls

**ZP2-FR-FB2-S** Intelligent Analogue Addressable Fire Panel Repeater with fire brigade controls small cabinet

**ZP2-FR-SCFB** Intelligent Analogue Addressable Fire Panel Repeater with SS3654 fire brigade controls (Scandinavia)

**ZP2-FR-SCFB-S** Intelligent Analogue Addressable Fire Panel Repeater with SS3654 fire brigade controls small cabinet (Scandinavia)

**ZP2-ER** Intelligent Analogue Addressable Fire and Evacuation Panel Repeater with fire brigade controls

**ZP2-ER-S** Intelligent Analogue Addressable Fire and Evacuation Panel Repeater with fire brigade controls small cabinet

*Above ancillary repeater units are certified with the following options with requirements from EN 54-2:*

*7.13 Alarm counter*

*8.4 Total loss of the power supply*

*8.9 Output to fault warning routing equipment*

*9.5 Disabling of addressable points (available on ZP2-ER and ZP2-ER-S variants only)*

*10 Test condition (available on ZP2-ER and ZP2-ER-S variants only)*

## **APF-1873**

Incorporating the following units:

2010-2FR-MB Main control board  
ZP2-UI User interface control board (for ZP2-FR and ZP2-FR-S)  
ZP2-UI-SC User interface control board (for ZP2-FR-SC, ZP2-FR-SC-S)  
ZP2-UI-FB2 User interface control board (for ZP2-FR-FB2, ZP2-FR-FB2-S)  
ZP2-UI-SCFB User interface control board (for ZP2-FR-SCFB and ZP2-FR-SCFB-S)  
ZP2-UI-E User interface control board (for ZP2-ER and ZP2-ER-S)  
2010-2-PS-40 4A Power Supply

And as optional modules:

ZP2-ZI-20 (20 Zone) (Large cabinet variant only)  
ZP2-ZI-40 (40 Zone) (Large cabinet variant only)  
ZP2-ZI-24-S (24 Zone) (Small cabinet variant only) (except for ZP2-FR-SCFB-S)  
2010-2-NB Network card  
ZP2-LB Loop Board (Large cabinet variant only)  
2010-2-232-KIT Interface board for external printer  
2010-SK Scandinavian key and lock assembly (for ZP2-FR-SC, ZP2-FR-SC-S, ZP2-FR-SCFB and ZP2-FR-SCFB-S)  
2010-2-PS-C2 UK mains cable for large cabinet  
2010-2-PS-C2-S UK mains cable for small cabinet  
2010-2-PIB Peripheral Interface Board (Germany) (for ZP2-FR-SC, ZP2-FR-SC-S and ZP2-FR-FB2)  
2010-2-PIB-8O Peripheral Interface Board 8 outputs (Large cabinet variant only)  
2010-2-PIB-8I Peripheral Interface Board 8 inputs (Large cabinet variant only)  
2010-2-PIB-8I8O Peripheral Interface Board 8 outputs and 8 inputs (Large cabinet variant only)  
ADP-N3E-U IFAM interface card (master) (for ZP2-FR-FB2)  
ADP-N3S interface card (slave) (for ZP2-FR-FB2)  
2010-2-DACT with ATS7310 (GSM module) (except for ZP2-FR-SCFB and ZP2-FR-SCFB-S)  
ZP2-D-TP Translucent door option for large cabinet\* (for ZP2-FR)  
ZP2-D-TP-S Translucent door option for small cabinet\* (for ZP2-FR-S)  
ZP2-D-FB2-TP Translucent door option for large cabinet\* (for ZP2-FR-FB2)  
ZP2-D-FB2-TP-S Translucent door option for small cabinet\* (for ZP2-FR-FB2-S)  
ZP2-D-E-TP Translucent door option for large cabinet\* (for ZP2-ER)  
ZP2-D-E-TP-S Translucent door option for small cabinet\* (for ZP2-ER-S)  
2010-FS-EOL Fault Supervision End of Line unit

*(\*) Note: The translucent doors do not meet EN54-2 access level 1 requirements. To meet EN54-2 requirements with the door fitted the following is also required:*

- *A Zone indicator board to display the zones in alarm (to meet requirements of EN54-2 part 7.3)*
- *A MCP (without program delay) fitted beside the panel to allow overriding of delays (to meet requirements of EN54-2 part 7.11)*



Date: 01/06/2023

## CERTIFICATE OF COMPLIANCE

This certificate of compliance validates the following			
TEST REPORT NUMBER 'Assessment Reports' are not acceptable	TE266060 TE274642 TE274642-SW TE291772 TE258016 TE243705	CERTIFICATE NUMBER	APF-1873
DATE OF ISSUE	21/03/2011 01/08/2013 20/05/2013 03/12/2013 30/03/2010 27/08/2009	DATE OF ISSUE	01/06/2023
DATE OF EXPIRY	--	DATE OF EXPIRY	31/07/2024
Manufacturer details			
NAME OF FACTORY/ MANUFACTURER	CARRIER MANUFACTURING POLAND SPÓŁKA Z o. o.	NAME OF THE BRAND	ZITON
FACTORY ADDRESS / REGION (STREET / TOWN / CITY / COUNTRY)	UL. KOLEJOWA 24, ROPCZYCE 39-100 POLAND	MODEL / NO	ZP2-F1
WEBSITE	www.carrier.com	LOGO ON THE PRODUCT	
TEL	+86 21 6331 1052	EMAIL	asiasales.gst@fs.utc.com







Product Details From Test Report		Reference Test Report page NO
<b>DESCRIPTION OF THE PRODUCT</b> (TECHNICAL DETAILS FROM TEST REPORT, SUCH AS ACTUAL FIRE RATINGS/DIMENSIONS/THICKNESS/ SENSITIVITY ETC)	<p>The ZP2 Series life safety control systems are bringing the speed and functionality of high-end intelligent processing to small to mid-sized addressable applications. The gently lined door with the intuitive dark inset user interface and EN54 compliant graphical LCD offers a distinctive flair. The main controls are clearly, but discreetly highlighted with the focus on the central located Jog Dial.</p> <ul style="list-style-type: none"> <li>➤ 1 loop with up to 512 zones</li> <li>➤ Up to 40 LED Zone indicators for Fire and Fault with ample text space</li> <li>➤ Auto configuration and default EN54 setup modes</li> <li>➤ Ethernet port with TCP/IP for remote maintenance and programming</li> <li>➤ EN54 compliant graphical LCD with icons and symbols for easy recognition of events</li> </ul>	TE266060 TE274642 TE274642-SW TE291772 TE258016 TE243705
<b>TEST STANDARD</b> (SUCH AS ASTM/BS EN/ DN ETC)	<p>EN 54-2, "Fire detection and fire alarm systems. Part 2: Control and indicating equipment."</p> <p>EN 54-4, "Fire detection and fire alarm systems. Part 4: Power supply equipment."</p> <p>EN 54-21, "Fire detection and fire alarm systems. Part 21: Alarm transmission and fault warning routing equipment."</p>	TE266060 TE274642 TE274642-SW TE291772 TE258016 TE243705
<b>TEST DESCRIPTION</b>	<p>Construction and performance test of an Addressable Fire Panel</p>	TE266060 TE274642 TE274642-SW TE291772 TE258016 TE243705
<b>SPECIFICATION OF TEST SPECIMEN</b>	<p>Each of the reports specifies in detail the number of specimens and supplements used to carry out each of the tests.</p>	TE266060 TE274642 TE274642-SW TE291772 TE258016 TE243705





**EN 54-2:1997, EN54-2:1997/AC:1999, EN54-2:1997/A1:2006**

General requirements	4.	PASS
General requirements for indications	5.	PASS
The quiescent condition	6.	PASS
The fire alarm condition	7.	PASS
Output to fire alarm devices (option with requirements)	7.8	PASS
Output to fire alarm routing equipment	7.9.1	PASS <sup>1</sup>
Alarm confirmation input from fire alarm routing equipment	7.9.2	PASS <sup>1</sup>
Output to fire protection equipment - Type A, B and C	7.10	PASS <sup>1</sup>
Delays to outputs (option with requirements)	7.11	PASS
Dependencies on more than one alarm signal (Type A, B, C)	7.12	PASS
Alarm counter	7.13	PASS
Fault warning condition (see also annex F)	8.	PASS
Total loss of the power supply (option with requirements)	8.4	PASS
Output to fault warning routing equipment	8.9	PASS
Disabled condition	9.	PASS
Disabling of addressable points (option with requirements)	9.5	PASS
Test condition (option with requirements)	10.	PASS
Standardized input/output interface (option with requirements)	11.	PASS
Design requirements	12.	PASS
Additional design requirements for software controlled control and indicating equipment	13.	PASS
Marking	14.	PASS
Cold (operational)	15.4	PASS
Damp heat, steady state (operational)	15.5	PASS
Impact (operational)	15.6	PASS
Vibration, sinusoidal (operational)	15.7	PASS
Electromagnetic Compatibility (EMC)	15.8	PASS
Supply voltage variation (operational)	15.13	PASS
Damp heat, steady state (endurance)	15.14	PASS
Vibration, sinusoidal (endurance)	15.15	PASS

1: Not available on ZP2-F1 and ZP2-F1-S

**EN 54-4:1997, EN54-4/AC:1999, EN54-4/A1:2002, EN54-4/A2:2006**

General requirements	4.	PASS
Functions	5.	PASS
Materials, design and manufacture	6.	PASS
Documentation	7.	PASS
Marking	8.	PASS
Cold (operational)	9.5	PASS
Damp Heat, steady state (operational)	9.6	PASS
Impact (operational)	9.7	PASS
Vibration, sinusoidal (operational)	9.8	PASS
Electrostatic discharges (operational)	9.9	PASS
Damp heat, steady state (endurance)	9.14	PASS
Vibration, sinusoidal (endurance)	9.15	PASS

**EN 54-21:2006**

General requirements	4.	PASS
Functional requirements	5.	PASS
Alarm transmission and fault warning system requirements	6.	PASS
Design requirements	7.	PASS
Marking	8.	PASS
Power supply	9.	PASS
Cold (operational)	10.4	PASS
Damp heat, steady state (operational)	10.5	PASS
Impact	10.6	PASS
Vibration, sinusoidal (operational)	10.7	PASS
Electromagnetic (EMC) immunity tests (operational)	10.8	PASS
Supply voltage variation	10.9	PASS
Damp heat, steady state (endurance)	10.10	PASS
Vibration, sinusoidal (endurance)	10.11	PASS

**TEST RESULT**

(SUCH AS PASSED  
CRITERIA \_\_\_/  
COMPLIED TO \_\_\_/  
DURATION \_\_\_/  
OBSERVATION \_\_\_/ETC)

TE266060  
TE274642  
TE274642-SW  
TE291772  
TE258016  
TE243705





Product Details From Test Report		Reference Test Report page NO
<b>PRODUCT APPLICATION GUIDELINE (END USE)</b> (CLEARLY STATE THE END USE WITH SPECIFIC APPLICATION, SUCH AS EXACT FIRE RATING/TO BE INSTALLED IN ___/TO BE INSTALLED AT ___/TO BE CONNECTED WITH ___/TO BE INSTALLED WITH ___ ETC ALONG WITH ANY WARNINGS SUCH AS NOT TO BE USED IN ___/NOT TO BE INSTALLED AT ___/ NOT TO BE INSTALLED WITH ___ ETC.	The panel supports one network board to create a maximum of 32 nodes / 32 loops network of fire panels, fire panel repeaters (including conventional fire panels and fire panel repeaters up to a maximum of 64 conventional zones). Last but not least, in case separate zone indications are required, a 20 or 40 zone fire/fault LED indicator board can be mounted in the panel or repeater with ample space for text.	TE266060 TE274642 TE274642-SW TE291772 TE258016 TE243705

Laboratory and Certification body details			
<b>NAME OF CERTIFICATION BODY</b>	Applus - LGAI Technological Center S.A.	<b>NAME OF TEST FACILITY</b>	Applus - LGAI Technological Center S.A.
<b>CERTIFICATION BODY ADDRESS / REGION</b> (STREET / TOWN / CITY / COUNTRY )	Campus UAB- Ronda de la Font del Carme s/n E-08193 Bellaterra, Barcelona, SPAIN	<b>TEST FACILITY ADDRESS / REGION</b> (STREET / TOWN / CITY / COUNTRY )	Campus UAB- Ronda de la Font del Carme s/n E-08193 Bellaterra, Barcelona, SPAIN
<b>WEBSITE</b>	www.applus.com	<b>WEBSITE</b>	www.applus.com
<b>TEL</b>	+34 93 567 20 00	<b>TEL</b>	+34 93 567 20 00
<b>EMAIL</b>	info@appluslaboratories.com	<b>EMAIL</b>	info@appluslaboratories.com
<b>ACCREDITED BY</b> (NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE CERTIFICATION BODY, ALONG WITH WEBSITE)	ENAC	<b>ACCREDITED BY</b> (NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE LABORATORY, ALONG WITH WEBSITE)	ENAC
<b>AS PER</b> (STANDARD TO WHICH THE CERTIFICATION BODY IS ACCREDITED TO)	EN ISO/IEC 17065	<b>AS PER</b> (STANDARD TO WHICH YOUR ORGANIZATION IS ACCREDITED TO)	EN ISO/IEC 17025
<b>VALIDITY</b> (EXPIRY DATE OF CERTIFICATION BODY ACCREDITATION)	UNLIMITED	<b>VALIDITY</b> (EXPIRY DATE OF LABORATORY ACCREDITATION)	UNLIMITED
<b>REFERENCE NUMBER:</b> (CERTIFICATION BODY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)	12/C-PR054	<b>REFERENCE NUMBER:</b> (THE LABORATORY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)	Nº 9/LE776 Nº 9/LE894 Nº 9/LE895 Nº 9/LE1126
<b>CERTIFICATION MARK</b>			





(ENDORSEMENT) TO BE SIGNED BY MANUFACTURER			
NAME OF MANUFACTURER'S SIGNATORY	<u>Wang Aizhong</u>	SIGNATURE	
EMAIL / TEL	<u>Aizhong.Wang@fs.utc.com</u> <u>+86 (0) 335 8502529</u>	FACTORY OFFICIAL SEAL	
NOTES: I Undertake that all data and information provided are genuine and accurate			

(ENDORSEMENT) TO BE SIGNED BY CERTIFICATION BODY			
NAME OF CERTIFICATION BODY SIGNATORY	<u>Xavier Ruiz Peña</u>	SIGNATURE	
EMAIL / TEL	<u>xavier.ruiz@applus.com</u> <u>+34 93 567 20 00</u>	CERTIFICATION BODY OFFICIAL SEAL	
NOTES: I Undertake that all data and information provided are genuine and accurate			

**ATTACHMENTS:**

- COPY OF 'CERTIFICATE OF COMPLIANCE' ISSUED BY CERTIFICATION BODY (OLD OR NEW)

Certification includes the following variants
<b>ZP2-F1</b> Intelligent Analogue Addressable Fire Panel with user interface - 1 loop
<b>ZP2-F1-S</b> Intelligent Analogue Addressable Fire Panel with user interface - 1 loop small cabinet
<b>ZP2-F1-SC</b> Intelligent Analogue Addressable Fire Panel with user interface with fire brigade controls - 1 loop (Scandinavia)
<b>ZP2-F1-SC-S</b> Intelligent Analogue Addressable Fire Panel with user interface with fire brigade controls - 1 loop small cabinet (Scandinavia)
<b>ZP2-F1-FB2</b> Intelligent Analogue Addressable Fire Panel with user interface with fire brigade controls - 1 loop
<b>ZP2-F1-FB2-S</b> Intelligent Analogue Addressable Fire Panel with user interface with fire brigade controls - 1 loop small cabinet
<b>ZP2-F1-SCFB</b> Intelligent Analogue Addressable Fire Panel with user interface with SS3654 fire brigade controls - 1 loop (Scandinavia)
<b>ZP2-F1-SCFB-S</b> Intelligent Analogue Addressable Fire Panel with user interface with SS3654 fire brigade controls - 1 loop small cabinet (Scandinavia)
<b>ZP2-E1</b> Intelligent Analogue Addressable Fire and Evacuation Panel with user interface with fire brigade controls - 1 loop
<b>ZP2-E1-S</b> Intelligent Analogue Addressable Fire and Evacuation Panel with user interface with fire brigade controls - 1 loop small cabinet





Available with the following language kit options: -01 Dutch (NL) The Netherlands, -02 French (FR), -03 English (UK) United Kingdom and Ireland, -04 German (DE) -05 Norwegian, -06 Swedish, -07 Danish (DK), -08 English (AU) Australia, -09 Spanish, -10 Italian, -11 Dutch (BE) Belgium, -12 Irish, -13 German (AU) (Austria), -14 Greek, -15 Arabic, -17 English (US) United States of America, -18 Polish, -19 Turkish, -20 Czech Republic, -21 Portuguese, -22 Hungarian, -23 Danish (IC) Iceland, -24 Slovakian, -25 Russian, -27 Lithuanian, -28 Finnish, -29 German (SW) Switzerland, -30 Estonian, -31 Latvian, -32 French (BE) Belgium, -33 French (SW) Switzerland, -34 Italian (SW) Switzerland, -36 French (Int) International, -40 Bulgarian, -41 Belarusian, -43 Ukrainian, -44 Serbian, -45 Romanian (RO), -46 German (Int) International, -48 Croatian, -49 Macedonian, -50 Slovenian, -51 Hebrew, -71 Catalan, -80 Chinese, -99 English (Int) International English

Incorporating the following units:

2010-2F1-MB Main control board  
ZP2-UI User interface control board (for ZP2-F1, ZP2-F1-S)  
ZP2-UI-SC User interface control board (for ZP2-F1-SC and ZP2-F1-SC-S)  
ZP2-UI-FB2 User interface control board (for ZP2-F1-FB2, ZP2-F1-FB2-S)  
ZP2-UI-SCFB User interface control board (ZP2-F1-SCFB and ZP2-F1-SCFB-S)  
ZP2-UI-E User interface control board (for ZP2-E1 and ZP2-E1-S)  
2010-2-PS-40 4A Power Supply

And as optional modules:

ZP2-ZI-20 (20 Zone) (Large cabinet variant only)  
ZP2-ZI-40 (40 Zone) (Large cabinet variant only)  
ZP2-ZI-24-S (24 Zone) (for ZP2-F1-S, ZP2-E1-S and ZP2-F1-FB2-S)  
2010-2-NB Network card  
ZP2-LB Loop Board (Large cabinet variant only)  
2010-2-232-KIT Interface board for external printer  
2010-SK Scandinavian key and lock assembly (for ZP2-F1-SC, ZP2-F1-SC-S, ZP2-F1-SCFB and ZP2-F1-SCFB-S)  
2010-2-PS-C2 UK mains cable for large cabinet  
2010-2-PS-C2-S UK mains cable for small cabinet  
2010-2-PIB Peripheral Interface Board (Germany) (for ZP2-F1-FB2)  
2010-2-PIB-8O Peripheral Interface Board 8 outputs (Large cabinet variant only)  
2010-2-PIB-8I Peripheral Interface Board 8 inputs (Large cabinet variant only)  
2010-2-PIB-8I8O Peripheral Interface Board 8 outputs and 8 inputs (Large cabinet variant only)  
ADP-N3E-U IFAM interface card (master) (for ZP2-F1-FB2)  
ADP-N3S interface card (slave) (for ZP2-F1-FB2)  
2010-2-DACT with ATS7310 (GSM module)  
2010-FS-EOL Fault Supervision End of Line unit  
ZP2-D-TP Translucent door option for large cabinet\* (for ZP2-F1)  
ZP2-D-TP-S Translucent door option for small cabinet\* (for ZP2-F1-S)  
ZP2-D-FB2-TP Translucent door option for large cabinet\* (for ZP2-F1-FB2)  
ZP2-D-FB2-TP-S Translucent door option for small cabinet\* (for ZP2-F1-FB2-S)  
ZP2-D-E-TP Translucent door option for large cabinet\* (for ZP2-E1)  
ZP2-D-E-TP-S Translucent door option for small cabinet\* (for ZP2-E1-S)







Ancillaries
<b>ZP2-FR</b> Intelligent Analogue Addressable Fire Panel Repeater
<b>ZP2-FR-S</b> Intelligent Analogue Addressable Fire Panel Repeater small cabinet
<b>ZP2-FR-SC</b> Intelligent Analogue Addressable Fire Panel Repeater with fire brigade controls (Scandinavia)
<b>ZP2-FR-SC-S</b> Intelligent Analogue Addressable Fire Panel Repeater with fire brigade controls small cabinet (Scandinavia)
<b>ZP2-FR-FB2</b> Intelligent Analogue Addressable Fire Panel Repeater with fire brigade controls
<b>ZP2-FR-FB2-S</b> Intelligent Analogue Addressable Fire Panel Repeater with fire brigade controls small cabinet
<b>ZP2-FR-SCFB</b> Intelligent Analogue Addressable Fire Panel Repeater with SS3654 fire brigade controls (Scandinavia)
<b>ZP2-FR-SCFB-S</b> Intelligent Analogue Addressable Fire Panel Repeater with SS3654 fire brigade controls small cabinet (Scandinavia)
<b>ZP2-ER</b> Intelligent Analogue Addressable Fire and Evacuation Panel Repeater with fire brigade controls
<b>ZP2-ER-S</b> Intelligent Analogue Addressable Fire and Evacuation Panel Repeater with fire brigade controls small cabinet





*Above ancillary repeater units are certified with the following options with requirements from EN 54-2:*

*7.13 Alarm counter*

*8.4 Total loss of the power supply*

*8.9 Output to fault warning routing equipment*

*9.5 Disabling of addressable points (available on ZP2-ER and ZP2-ER-S variants only)*

*10 Test condition (available on ZP2-ER and ZP2-ER-S variants only)*

Incorporating the following units:

2010-2FR-MB Main control board

ZP2-UI User interface control board (for ZP2-FR and ZP2-FR-S)

ZP2-UI-SC User interface control board (for ZP2-FR-SC, ZP2-FR-SC-S)

ZP2-UI-FB2 User interface control board (for ZP2-FR-FB2, ZP2-FR-FB2-S)

ZP2-UI-SCFB User interface control board (for ZP2-FR-SCFB and ZP2-FR-SCFB-S)

ZP2-UI-E User interface control board (for ZP2-ER and ZP2-ER-S)

2010-2-PS-40 4A Power Supply

And as optional modules:

ZP2-ZI-20 (20 Zone) (Large cabinet variant only)

ZP2-ZI-40 (40 Zone) (Large cabinet variant only)

ZP2-ZI-24-S (24 Zone) (Small cabinet variant only) (except for ZP2-FR-SCFB-S)

2010-2-NB Network card

ZP2-LB Loop Board (Large cabinet variant only)

2010-2-232-KIT Interface board for external printer

2010-SK Scandinavian key and lock assembly (for ZP2-FR-SC, ZP2-FR-SC-S, ZP2-FR-SCFB and ZP2-FR-SCFB-S)

2010-2-PS-C2 UK mains cable for large cabinet

2010-2-PS-C2-S UK mains cable for small cabinet

2010-2-PIB Peripheral Interface Board (Germany) (for ZP2-FR-SC, ZP2-FR-SC-S and ZP2-FR-FB2)

2010-2-PIB-8O Peripheral Interface Board 8 outputs (Large cabinet variant only)

2010-2-PIB-8I Peripheral Interface Board 8 inputs (Large cabinet variant only)

2010-2-PIB-8I8O Peripheral Interface Board 8 outputs and 8 inputs (Large cabinet variant only)

ADP-N3E-U IFAM interface card (master) (for ZP2-FR-FB2)

ADP-N3S interface card (slave) (for ZP2-FR-FB2)

2010-2-DACT with AT57310 (GSM module) (except for ZP2-FR-SCFB and ZP2-FR-SCFB-S)

ZP2-D-TP Translucent door option for large cabinet\* (for ZP2-FR)

ZP2-D-TP-S Translucent door option for small cabinet\* (for ZP2-FR-S)

ZP2-D-FB2-TP Translucent door option for large cabinet\* (for ZP2-FR-FB2)

ZP2-D-FB2-TP-S Translucent door option for small cabinet\* (for ZP2-FR-FB2-S)

ZP2-D-E-TP Translucent door option for large cabinet\* (for ZP2-ER)

ZP2-D-E-TP-S Translucent door option for small cabinet\* (for ZP2-ER-S)

2010-FS-EOL Fault Supervision End of Line unit

*(\*) Note: The translucent doors do not meet EN54-2 access level 1 requirements. To meet EN54-2 requirements with the door fitted the following is also required:*

- A Zone indicator board to display the zones in alarm (to meet requirements of EN54-2 part 7.3)
- A MCP (without program delay) fitted beside the panel to allow overriding of delays (to meet requirements of EN54-2 part 7.11)

