LGAI Technological Center, S.A. (APPLUS)
Campus UAB - Ronda de la Font del Carme s/n
08193 Bellaterra (Barcelona)
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CIF: A-63207492
www.appluslaboratories.com

Applus⊕

FIRE SAFETY CERTIFICATION

PRODUCT APPROVAL

No. **APF–1874**

LGAI TECHNOLOGICAL CENTER S.A. (APPLUS), according to the requirements of the SPC-102 Ed. 8, certifies the performances stated in the technical annex following the reference standard for:

Product range	ZP2-F2
Company	**CARRIER FIRE & SECURITY B.V.** KELVINSTRAAT, 7 6003 DH WEERT (NETHERLANDS)
Manufactured	**CARRIER MANUFACTURING POLAND SPÓŁKA Z O. O.** UL. KOLEJOWA, 24 39-100 ROPCZYCE (POLAND)
Standard Reference	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 ".
Product Details and Test Report	Please check at the technical annex

A⊕
Applus⊕
SPC–102
APF–1874
Fire Safety Certification

Renovation of the initial certificate issued 30th April 2021

Valid until 31st July 2025

Bellaterra, 5th July 2024

Applus⊕
LGAI Technological Center, S.A.
Xavier Ruiz Peña
Product Conformity B. U., Managing Director

You can check the validity of this certificate on our website: www.appluslaboratories.com/certified_products

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

ENAC
CERTIFICACIÓN
ISO 17065
Nº12 / C-PR054

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Technical Annex Ed. 2
28/06/2021

APF–1874

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[1]
Alarm confirmation input from fire alarm routing equipment	7.9.2	PASS[1]
Output to fire protection equipment - Type A,B and C	7.10	PASS[1]
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
Disablement 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

[1] not available on ZP2-F2, ZP2-F2-PRT and ZP2-F2-S

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Technical Annex Ed. 2
28/06/2021

APF–1874

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

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Technical Annex Ed. 2
28/06/2021

APF–1874

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
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-F2 Intelligent Analogue Addressable Fire Panel with user interface - 2 loop

ZP2-F2-PRT Intelligent Analogue Addressable Fire Panel with user interface - 2 loop with printer

ZP2-F2-S Intelligent Analogue Addressable Fire Panel with user interface - 2 loop small cabinet

ZP2-F2-SC Intelligent Analogue Addressable Fire Panel with user interface with fire brigade controls - 2 loop (Scandinavia)

ZP2-F2-SC-S Intelligent Analogue Addressable Fire Panel with user interface with fire brigade controls - 2 loop small cabinet (Scandinavia)

ZP2-F2-FB2 Intelligent Analogue Addressable Fire Panel with user interface with fire brigade controls - 2 loop

ZP2-F2-FB2-PRT Intelligent Analogue Addressable Fire Panel with user interface with fire brigade controls - 2 loop with printer

ZP2-F2-FB2-S Intelligent Analogue Addressable Fire Panel with user interface with fire brigade controls - 2 loop small cabinet

ZP2-F2-SCFB Intelligent Analogue Addressable Fire Panel with user interface with SS3654 fire brigade controls - 2 loop (Scandinavia)

ZP2-F2-SCFB-S Intelligent Analogue Addressable Fire Panel with user interface with SS3654 fire brigade controls - 2 loop small cabinet (Scandinavia)

ZP2-E2 Intelligent Analogue Addressable Fire and Evacuation Panel with user interface with fire brigade controls - 2 loop

ZP2-E2-S Intelligent Analogue Addressable Fire and Evacuation Panel with user interface with fire brigade controls - 2 loop small cabinet

APF–1874

Available with the following language kits: -01 Dutch (NL) The Netherlands-02 French (FR) France -03 English (UK) United Kingdom and Ireland -04 German (DE) Germany-05 Norwegian Norway-06 Swedish Sweden-07 Danish (DK) Denmark-08 English (AU) Australia-09 Spanish Spain-10 Italian Italy-11 Dutch (BE) Belgium-12 Irish Ireland-13 German (AU) German (Austria)-14 Greek Greece-15 Arabic Middle East-17 English (US) United States of America-18 Polish Poland-19 Turkish Turkey-20 Czech Czech Republic-21 Portuguese Portugal-22 Hungarian Hungary -23 Danish (IC) Iceland-24 Slovakian Slovak Republic-25 Russian Russia-27 Lithuanian Lithuania-28 Finnish Finland-29 German (SW) Switzerland-30 Estonian Estonia-31 Latvian Latvia-32 French (BE) Belgium-33 French (SW) Switzerland-34 Italian (SW) Switzerland-36 French (Int) International French-40 Bulgarian Bulgaria-41 Belarusian Belarus-43 Ukrainian Ukraine-44 Serbian Serbia-45 Romanian (RO) Romania-46 German (Int) International German-48 Croatian Croatia-49 Macedonian Macedonia-50 Slovenian Slovenia-51 Hebrew Israel-71 Catalan Catalunia (Spain)-80 Chinese China-99 English (Int) International English

Incorporating the following units:
2010-2F2-MB Main control board
ZP2-UI User interface control board (for ZP2-F2, ZP2-F2-S, ZP2-F2-PRT)
ZP2-UI-SC User interface control board (for ZP2-F2-SC, ZP2-F2-SC-S)
ZP2-UI-FB2 User interface control board (for ZP2-F2-FB2, ZP2-F2-FB2-S, ZP2-F2-FB2-PRT)
ZP2-UI-SCFB User interface control board (ZP2-F2-SCFB and ZP2-F2-SCFB-S)
ZP2-UI-E (for ZP2-E2 and ZP2-E2-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) (for ZP2-F2-S, ZP2-E2-S and ZP2-F2-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-F2-SC, ZP2-F2-SC-S, ZP2-F2-SCFB and ZP2-F2-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-PRT Door mounted printer module (ZP2-F2-FB2-PRT, ZP2-F2-PRT variant only)
2010-2-PIB Peripheral Interface Board (Germany) (for ZP2-F2-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-F2-FB2)
ADP-N3S interface card (slave) (for ZP2-F2-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-F2)
ZP2-D-TP-S Translucent door option for small cabinet* (for ZP2-F2-S)
ZP2-D-FB2-TP Translucent door option for large cabinet* (for ZP2-F2-FB2)
ZP2-D-FB2-TP-S Translucent door option for small cabinet* (for ZP2-F2-FB2-S)
ZP2-D-E-TP Translucent door option for large cabinet* (for ZP2-E2)
ZP2-D-E-TP-S Translucent door option for small cabinet* (for ZP2-E2-S)

(*) 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)*

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لجنة اعتماد المختبرات العالمية
وبيوت الخبرة ومعاهد التدريب

Date: 05/07/2024

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-1874
DATE OF ISSUE	21/03/2011 01/08/2013 20/05/2013 03/12/2013 30/03/2010 27/08/2009	**DATE OF ISSUE**	05/07/2024
DATE OF EXPIRY	--	**DATE OF EXPIRY**	31/07/2025
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-F2
WEBSITE	www.carrier.com	**LOGO ON THE PRODUCT**	ZITON
TEL	+86 21 6331 1052	**EMAIL**	asiasales.gst@fs.utc.com

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Product Details From Test Report		Reference Test Report page NO
DESCRIPTION OF THE PRODUCT (TECHNICAL DETAILS FROM TEST REPORT, SUCH AS ACTUAL FIRE RATINGS/DIMENSIONS/THICKNESS/ SENSITIVITY ETC)	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. ➢ 2 loops expandable to 4 with up to 512 zones ➢ Up to 40 LED Zone indicators for Fire and Fault with ample text space ➢ Auto configuration and default EN54 setup modes ➢ Ethernet port with TCP/IP for remote maintenance and programming ➢ EN54 compliant graphical LCD with icons and symbols for easy recognition of events	TE266060 TE274642 TE274642-SW TE291772 TE258016 TE243705
TEST STANDARD (SUCH AS ASTM/BS EN/ DN ETC)	EN 54-2, "Fire detection and fire alarm systems. Part 2: Control and indicating equipment." EN 54-4, "Fire detection and fire alarm systems. Part 4: Power supply equipment." EN 54-21, "Fire detection and fire alarm systems. Part 21: Alarm transmission and fault warning routing equipment."	TE266060 TE274642 TE274642-SW TE291772 TE258016 TE243705
TEST DESCRIPTION	Construction and performance test of an Addressable Fire Panel	TE266060 TE274642 TE274642-SW TE291772 TE258016 TE243705
SPECIFICATION OF TEST SPECIMEN	Each of the reports specifies in detail the number of specimens and supplements used to carry out each of the tests.	TE266060 TE274642 TE274642-SW TE291772 TE258016 TE243705

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TEST RESULT

(SUCH AS PASSED CRITERIA___/
COMPLIED TO___/
DURATION___/
OBSERVATION___/ETC)

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[1]
Alarm confirmation input from fire alarm routing equipment	7.9.2	PASS[1]
Output to fire protection equipment - Type A,B and C	7.10	PASS[1]
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
Disablement 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-F2, ZP2-F2-PRT and ZP2-F2-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

TE266060
TE274642
TE274642-SW
TE291772
TE258016
TE243705

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Product Details From Test Report		Reference Test Report page NO
PRODUCT APPLICATION GUIDELINE (END USE) (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 an extra 2 loop board that brings the panel to up to 512 zones with 4 additional programmable outputs. Add a network board to create a maximum of 32 nodes network of fire panels and fire panel repeaters (including conventional fire panels and fire repeater panels up to a maximum of 64 conventional zones). Last but not least, in case separate zone indications are required, a 20 or a 40 zone fire/ fault LED indicator board can be mounted in the panel or repeater with ample space for custom text.	TE266060 TE274642 TE274642-SW TE291772 TE258016 TE243705

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

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وبيوت الخبرة ومعاهد التدريب

(ENDORSEMENT) TO BE SIGNED BY MANUFACTURER			
NAME OF MANUFACTURER'S SIGNATORY	Wang Aizhong	SIGNATURE	
EMAIL / TEL	Aizhong.Wang@fs.utc.com +86 (0) 335 8502529	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	Xavier Ruiz Peña	SIGNATURE	
EMAIL / TEL	xavier.ruiz@applus.com +34 93 567 20 00	CERTIFICATION BODY OFFICIAL SEAL	Applus⊕ LGAI Technological Center, S.A.
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)**

Includes the following variants
ZP2-F2 Intelligent Analogue Addressable Fire Panel with user interface - 2 loop
ZP2-F2-PRT Intelligent Analogue Addressable Fire Panel with user interface - 2 loop with printer
ZP2-F2-S Intelligent Analogue Addressable Fire Panel with user interface - 2 loop small cabinet
ZP2-F2-SC Intelligent Analogue Addressable Fire Panel with user interface with fire brigade controls - 2 loop (Scandinavia)
ZP2-F2-SC-S Intelligent Analogue Addressable Fire Panel with user interface with fire brigade controls - 2 loop small cabinet (Scandinavia)
ZP2-F2-FB2 Intelligent Analogue Addressable Fire Panel with user interface with fire brigade controls - 2 loop
ZP2-F2-FB2-PRT Intelligent Analogue Addressable Fire Panel with user interface with fire brigade controls - 2 loop with printer
ZP2-F2-FB2-S Intelligent Analogue Addressable Fire Panel with user interface with fire brigade controls - 2 loop small cabinet
ZP2-F2-SCFB Intelligent Analogue Addressable Fire Panel with user interface with SS3654 fire brigade controls - 2 loop (Scandinavia)
ZP2-F2-SCFB-S Intelligent Analogue Addressable Fire Panel with user interface with SS3654 fire brigade controls - 2 loop small cabinet (Scandinavia)
ZP2-E2 Intelligent Analogue Addressable Fire and Evacuation Panel with user interface with fire brigade controls - 2 loop
ZP2-E2-S Intelligent Analogue Addressable Fire and Evacuation Panel with user interface with fire brigade controls - 2 loop small cabinet

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Available with the following language kits: -01 Dutch (NL) The Netherlands-02 French (FR) France -03 English (UK) United Kingdom and Ireland -04 German (DE) Germany-05 Norwegian Norway-06 Swedish Sweden-07 Danish (DK) Denmark-08 English (AU) Australia-09 Spanish Spain-10 Italian Italy-11 Dutch (BE) Belgium-12 Irish Ireland-13 German (AU) German (Austria)-14 Greek Greece-15 Arabic Middle East-17 English (US) United States of America-18 Polish Poland-19 Turkish Turkey-20 Czech Czech Republic-21 Portuguese Portugal-22 Hungarian Hungary -23 Danish (IC) Iceland-24 Slovakian Slovak Republic-25 Russian Russia-27 Lithuanian Lithuania-28 Finnish Finland-29 German (SW) Switzerland-30 Estonian Estonia-31 Latvian Latvia-32 French (BE) Belgium-33 French (SW) Switzerland-34 Italian (SW) Switzerland-36 French (Int) International French-40 Bulgarian Bulgaria-41 Belarusian Belarus-43 Ukrainian Ukraine-44 Serbian Serbia-45 Romanian (RO) Romania-46 German (Int) International German-48 Croatian Croatia-49 Macedonian Macedonia-50 Slovenian Slovenia-51 Hebrew Israel-71 Catalan Catalunia (Spain)-80 Chinese China-99 English (Int) International English

Incorporating the following units:
2010-2F2-MB Main control board
ZP2-UI User interface control board (for ZP2-F2, ZP2-F2-S, ZP2-F2-PRT)
ZP2-UI-SC User interface control board (for ZP2-F2-SC, ZP2-F2-SC-S)
ZP2-UI-FB2 User interface control board (for ZP2-F2-FB2, ZP2-F2-FB2-S, ZP2-F2-FB2-PRT)
ZP2-UI-SCFB User interface control board (ZP2-F2-SCFB and ZP2-F2-SCFB-S)
ZP2-UI-E (for ZP2-E2 and ZP2-E2-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) (for ZP2-F2-S, ZP2-E2-S and ZP2-F2-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-F2-SC, ZP2-F2-SC-S, ZP2-F2-SCFB and ZP2-F2-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-PRT Door mounted printer module (ZP2-F2-FB2-PRT, ZP2-F2-PRT variant only)
2010-2-PIB Peripheral Interface Board (Germany) (for ZP2-F2-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-F2-FB2)
ADP-N3S interface card (slave) (for ZP2-F2-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-F2)
ZP2-D-TP-S Translucent door option for small cabinet* (for ZP2-F2-S)
ZP2-D-FB2-TP Translucent door option for large cabinet* (for ZP2-F2-FB2)
ZP2-D-FB2-TP-S Translucent door option for small cabinet* (for ZP2-F2-FB2-S)
ZP2-D-E-TP Translucent door option for large cabinet* (for ZP2-E2)
ZP2-D-E-TP-S Translucent door option for small cabinet* (for ZP2-E2-S)

(*) 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)*