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Certificate of UKCA approval constancy of performance
0832-UKCA-CPR-F0971

In compliance with the Construction Product Regulations 2020, UK Statutory Instruments 2020 No.1359 of Ministry of Housing, Communities and Local Government. This certificate applies to the construction product.

ZP2-F1 One Loop Intelligent Analogue Addressable Control and Indicating Equipment

(For full product details and conditions of use refer to appendix)

Placed on the market under the name or trademark of: and produced in the manufacturing plant(s):

Carrier Fire & Security BV   **Carrier Manufacturing Poland Spółka Z o.o.**
Kelvinstraat 7   **ul. Kolejowa 24**
NL-6003 DH   **Ropczyce**
Weert   **39-100**
Netherlands   **Poland**

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

EN 54-2:1997 + A1:2006 - Control and indicating equipment
EN 54-4:1997 + A1:2002 + A2:2006 - Power supply equipment
EN 54-21:2006 - Alarm transmission and fault warning routing equipment

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure

the constancy of performance of the construction product.

This certificate was first issued on 21 December 2022 and will remain valid as long as neither the designated standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the approved product certification body.

E Mattie-Suleiman Technical Development Director

On behalf of BRE Global Limited

Date of First Issue:	21 December 2022
Issue Date:	14 March 2023
Issue Number:	02

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APPENDIX to Certificate of constancy of performance: 0832-UKCA-CPR-F0971

ZP2-F1 One Loop Intelligent Analogue Addressable Control and Indicating Equipment

The details and conditions of use for the ZP2-F1 one loop intelligent analogue addressable control and indicating placed on the market by Carrier Fire & Security BV, Kelvinstraat, NL-6003 DH, Weert, The Netherlands are:

To be used in accordance with the suppliers installations instructions and in conjunctions with the following bases ancillaries, sounder tones and sensitivity settings (where applicable)

ZP2-F1 Intelligent Analogue Addressable Control and Indicating Equipment with User Interface - 1 Loop
ZP2-F1-S Intelligent Analogue Addressable Control and Indicating Equipment with User Interface - 1 Loop Small Cabinet

Incorporating the following units:
2010-2F1-MB	Main control board
ZP2-UI	User interface control board
2010-2-PS-40 using LRS-100-24	4A Power Supply

Incorporating the following 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)
2010-2-NB	Network card
ZP2-LB	Loop Board (Large cabinet variant only)
2010-2-232-KIT	Interface board for external printer
2010-2-PS-C2	UK mains cable for large cabinet
2010-2-PS-C2-S	UK mains cable for small cabinet
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)
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*
ZP2-D-TP-S	Translucent door option for small cabinet*

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ZP2-F1 One Loop Intelligent Analogue Addressable Control and Indicating Equipment

ZP2-F1-FB2 Intelligent Analogue Addressable Control and Indicating Equipment with User Interface with Fire Brigade Controls - 1 Loop
ZP2-F1-FB2-S Intelligent Analogue Addressable Control and Indicating Equipment with User Interface with Fire Brigade Controls - 1 Loop Small Cabinet

Incorporating the following units:
2010-2F1-MB	Main control board
ZP2-UI-FB2	User interface control board
2010-2-PS-40 using LRS-100-24	4A Power Supply

Incorporating the following 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)
2010-2-NB	Network card
ZP2-LB	Loop Board (Large cabinet variant only)
2010-2-232-KIT	Interface board for external printer
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) (Large cabinet variant only)
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) (Large cabinet variant only)
ADP-N3S	Interface card (slave) (Large cabinet variant only)
2010-2-DACT	With ATS7310 (GSM module)
2010-FS-EOL	Fault Supervision End of Line unit
ZP2-D-FB2-TP	Translucent door option for large cabinet*
ZP2-D-FB2-TP-S	Translucent door option for small cabinet*

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ZP2-F1 One Loop Intelligent Analogue Addressable Control and Indicating Equipment

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

Incorporating the following units:
2010-2F1-MB	Main control board
ZP2-UI-E	User interface control board
2010-2-PS-40 using LRS-100-24	4A Power Supply

Incorporating the following 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)
2010-2-NB	Network card
ZP2-LB	Loop Board (Large cabinet variant only)
2010-2-232-KIT	Interface board for external printer
2010-2-PS-C2	UK mains cable for large cabinet
2010-2-PS-C2-S	UK mains cable for small cabinet
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)
2010-2-DACT	With ATS7310 (GSM module)
2010-FS-EOL	Fault Supervision End of Line unit
ZP2-D-E-TP	Translucent door option for large cabinet*
ZP2-D-E-TP-S	Translucent door option for small cabinet*

ZP2-F1-SCFB Intelligent Analogue Addressable Control and Indicating Equipment with User Interface with SS3654 Fire Brigade Controls - 1 Loop with Scandinavian Key Switch
ZP2-F1-SCFB-S Intelligent Analogue Addressable Control and Indicating Equipment with User Interface with SS3654 Fire Brigade Controls - 1 Loop Small Cabinet with Scandinavian Key Switch

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ZP2-F1 One Loop Intelligent Analogue Addressable Control and Indicating Equipment

Incorporating the following units:

2010-2F1-MB	Main control board
ZP2-UI-SCFB	User interface control board
2010-2-PS-40 using LRS-100-24	4A Power Supply

Incorporating the following optional modules:

ZP2-ZI-20	(20 Zone) (Large cabinet variant only)
ZP2-ZI-40	(40 Zone) (Large cabinet variant only)
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
2010-2-PS-C2	UK mains cable for large cabinet
2010-2-PS-C2-S	UK mains cable for small cabinet
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)
2010-2-DACT	With ATS7310 (GSM module)
2010-FS-EOL	Fault Supervision End of Line unit

The above fire panels are certified with the following options with requirements from EN 54-2:

7.8	Output to fire alarm device(s)
7.9.1	Output to fire alarm routing equipment (not available on ZP2-F1 and ZP2-F1-S)
7.9.2	Alarm confirmation input from fire alarm routing equipment (not available on ZP2-F1 and ZP2-F1-S)
7.10	Output to fire protection equipment - Type A, B and C (not available on ZP2-F1 and ZP2-F1-S)
7.11	Delays to outputs
7.12	Dependencies on more than one alarm signal (Type A, B and C)
7.13	Alarm counter
8.4	Total loss of the power supply
8.9	Output to fault warning routing equipment
9.5	Disablement of addressable points
10	Test condition

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ZP2-F1 One Loop Intelligent Analogue Addressable Control and Indicating Equipment

Notes:
1. This product approval does not constitute compliance with the fire detection and alarm systems requirements of EN 54-13.
2. Scope of the approval does not indicate the operation of the network functionality
3. 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 Catalonia (Spain), 80 Chinese China, 99 English (Int) International English
4. *The translucent door does not meet EN54-2 access level 1 requirements. To meet EN54-2 requirements with the door fitted the following is also required:
    i. A Zone indicator board to display the zones in alarm (to meet requirements of EN54-2 part 7.3)
    ii. A MCP (without program delay) fitted beside the panel to allow overriding of delays (to meet requirements of EN54-2 part 7.11)

Ancillaries:

ZP2-FR Intelligent Analogue Addressable Control and Indicating Equipment Repeater
ZP2-FR-S Intelligent Analogue Addressable Control and Indicating Equipment Repeater Small Cabinet

Incorporating the following units:
2010-2FR-MB	Main control board
ZP2-UI	User interface control board

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ZP2-F1 One Loop Intelligent Analogue Addressable Control and Indicating Equipment

2010-2-PS-40 using LRS-100-24   4A Power Supply

Incorporating the following 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)
2010-2-NB	Network card
ZP2-LB	Loop Board (Large cabinet variant only)
2010-2-232-KIT	Interface board for external printer
2010-2-PS-C2	UK mains cable for large cabinet
2010-2-PS-C2-S	UK mains cable for small cabinet
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)
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*
ZP2-D-TP-S	Translucent door option for small cabinet*

Notes:
1. *Important: the translucent door does not meet EN54-2 access level 1 requirements. To meet EN54-2 requirements with the door fitted the following is also required:
    i. A Zone indicator board to display the zones in alarm (to meet requirements of EN54-2 part 7.3)
    ii. An MCP fitted beside the panel to allow overriding of delays (to meet requirements of EN54-2 part 7.11)
2. Compatible with the following CIE - ZP2-F1.

ZP2-FR-FB2 Intelligent Analogue Addressable Control and Indicating Equipment Repeater with Fire Brigade Controls
ZP2-FR-FB2-S Intelligent Analogue Addressable Control and Indicating Equipment Repeater with Fire Brigade Controls Small Cabinet

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ZP2-F1 One Loop Intelligent Analogue Addressable Control and Indicating Equipment

Incorporating the following units:

2010-2FR-MB	Main control board
ZP2-UI-FB2	User interface control board
2010-2-PS-40 using LRS-100-24	4A Power Supply

Incorporating the following 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)
2010-2-NB	Network card
ZP2-LB	Loop Board (Large cabinet variant only)
2010-2-232-KIT	Interface board for external printer
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) (Large cabinet variant only)
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) (Large cabinet variant only)
ADP-N3S	Interface card (slave) (Large cabinet variant only)
2010-2-DACT	With ATS7310 (GSM module)
2010-FS-EOL	Fault Supervision End of Line unit
ZP2-D-FB2-TP	Translucent door option for large cabinet*
ZP2-D-FB2-TP-S	Translucent door option for small cabinet*

Notes
1. *Important: the translucent door does not meet EN54-2 access level 1 requirements. To meet EN54-2 requirements with the door fitted the following is also required:
    i. A Zone indicator board to display the zones in alarm (to meet requirements of EN54-2 part 7.3)
    ii. An MCP fitted beside the panel to allow overriding of delays (to meet requirements of EN54-2 part 7.11)
2. Compatible with the following CIE - ZP2-F1-FB2.

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ZP2-F1 One Loop Intelligent Analogue Addressable Control and Indicating Equipment

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

Incorporating the following units:
2010-2FR-MB	Main control board
ZP2-UI-E	User interface control board
2010-2-PS-40 using LRS-100-24	4A Power Supply

Incorporating the following 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)
2010-2-NB	Network card
ZP2-LB	Loop Board (Large cabinet variant only)
2010-2-232-KIT	Interface board for external printer
2010-2-PS-C2	UK mains cable for large cabinet
2010-2-PS-C2-S	UK mains cable for small cabinet
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)
2010-2-DACT	With ATS7310 (GSM module)
2010-FS-EOL	Fault Supervision End of Line unit
ZP2-D-E-TP	Translucent door option for large cabinet*
ZP2-D-E-TP-S	Translucent door option for small cabinet

Notes:
1. *Important: the translucent door does not meet EN54-2 access level 1 requirements. To meet EN54-2 requirements with the door fitted the following is also required:
    i. A Zone indicator board to display the zones in alarm (to meet requirements of EN54-2 part 7.3)
    ii. An MCP fitted beside the panel to allow overriding of delays (to meet requirements of EN54-2 part 7.11)

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ZP2-F1 One Loop Intelligent Analogue Addressable Control and Indicating Equipment

2. Compatible with the following CIE - ZP2-F1-SC.

ZP2-FR-SCFB Intelligent Analogue Addressable Control and Indicating Equipment Repeater with SS3654 Fire Brigade Controls with Scandinavian Key Switch
ZP2-FR-SCFB-S Intelligent Analogue Addressable Control and Indicating Equipment Repeater with SS3654 Fire Brigade Controls Small Cabinet with Scandinavian Key Switch

Incorporating the following units:
2010-2FR-MB	Main control board
ZP2-UI-SCFB	User interface control board
2010-2-PS-40 using LRS-100-24	4A Power Supply

Incorporating the following optional modules:
ZP2-ZI-20	(20 Zone) (Large cabinet variant only)
ZP2-ZI-40	(40 Zone) (Large cabinet variant only)
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
2010-2-PS-C2	UK mains cable for large cabinet
2010-2-PS-C2-S	UK mains cable for small cabinet
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)
2010-2-DACT	With ATS7310 (GSM module)
2010-FS-EOL	Fault Supervision End of Line unit

Note:
Compatible with the following CIE - ZP2-F1-SCFB.

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