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BRE Global

UK Approved Body No. 0832
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Certificate of UKCA approval constancy of performance
0832-UKCA-CPR-F0972

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.

2X-F2 Two 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
Kelvinstraat 7
NL-6003 DH
Weert
Netherlands

Carrier Manufacturing Poland Spółka Z o.o.
ul. Kolejowa 24
Ropczyce
39-100
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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the approved product certification body.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-F0972

2X-F2 Two Loop Intelligent Analogue Addressable Control and Indicating Equipment

The details and conditions of use for the 2X-F2 two loop intelligent analogue addressable fire control and indicating equipment placed on the market by Carrier Fire & Security BV, 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):

2X-F2 Intelligent Analogue Addressable Control and Indicating Equipment with User Interface - 2 Loop
2X-F2-PRT Intelligent Analogue Addressable Control and Indicating Equipment with User Interface - 2 Loop with Printer
2X-F2-S Intelligent Analogue Addressable Fire Panel with User Interface - 2 Loop Small Cabinet

Incorporating the following units:
2010-2F2-MB   Main control board
2X-UI   User interface control board
2010-2-PS-40 using LRS-100-24   4A Power Supply

Incorporating the following optional modules:
2X-ZI-20   (20 Zone) (Large cabinet variant only)
2X-ZI-40   (40 Zone) (Large cabinet variant only)
2X-ZI-24-S   (24 Zone) (Small cabinet variant only)
2010-2-NB   Network card
2X-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-PRT   Door mounted printer module (2X-F2-PRT 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)
2010-2-DACT   With ATS7310 (GSM module)
2X-D-TP   Translucent door option for large cabinet* (2X-F2 variant only)
2X-D-TP-S   Translucent door option for small cabinet* (2X-F2-S variant only)

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2X-F2 Two Loop Intelligent Analogue Addressable Control and Indicating Equipment

2010-FS-EOL   Fault Supervision End of Line unit

2X-F2-FB2 Intelligent Analogue Addressable Control and Indicating Equipment with User Interface with Fire Brigade Controls - 2 Loop
2X-F2-FB2 PRT Intelligent Analogue Addressable Control and Indicating Equipment with User Interface with Fire Brigade Controls - 2 Loop with Printer
2X-F2-FB2-S Intelligent Analogue Addressable Control and Indicating Equipment with User Interface with Fire Brigade Controls - 2 Loop Small Cabinet

Incorporating the following units:
2010-2F2-MB   Main control board
2X-UI-FB2   User interface control board
2010-2-PS-40 using LRS-100-24   4A Power Supply

Incorporating the following optional modules:
2X-ZI-20   (20 Zone) (Large cabinet variant only)
2X-ZI-40   (40 Zone) (Large cabinet variant only)
2X-ZI-24-S   (24 Zone) (Small cabinet variant only)
2010-2-NB   Network card
2X-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-PRT   Door mounted printer module (2X-F2-FB2-PRT variant only)
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   (Large cabinet variant only)
ADP-N3S   (Large cabinet variant only)
2010-2-DACT   With ATS7310 (GSM module)
2X-D-FB2-TP   Translucent door option for large cabinet* (2X-F2-FB2 variant only)

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2X-D-FB2-TP-S   Translucent door option for large cabinet* (2X-F2-FB2-S variant only)
2010-FS-EOL   Fault Supervision End of Line unit

2X-F2-SCFB Intelligent Analogue Addressable Control and Indicating Equipment with User Interface with SS3654 Fire Brigade Controls - 2 Loop with Scandinavian Key Switch
2X-F2-SCFB-S Intelligent Analogue Addressable Control and Indicating Equipment with User Interface with SS3654 Fire Brigade Controls - 2 Loop Small Cabinet with Scandinavian Key Switch

Incorporating the following units:
2010-2F2-MB	Main control board
2X-UI-SCFB	User interface control board
2010-2-PS-40 using LRS-100-24	4A Power Supply

Incorporating the following optional modules:
2X-ZI-20	(20 Zone) (Large cabinet variant only)
2X-ZI-40	(40 Zone) (Large cabinet variant only)
2010-2-NB	Network card
2X-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

2X-E2 Intelligent Analogue Addressable Fire and Evacuation Control and Indicating Equipment with User Interface with Fire Brigade Controls - 2 Loop
2X-E2-S Intelligent Analogue Addressable Fire and Evacuation Control and Indicating Equipment with User Interface with Fire Brigade Controls - 2 Loop Small Cabinet

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2X-F2 Two Loop Intelligent Analogue Addressable Control and Indicating Equipment

Incorporating the following units:

2010-2F2-MB	Main control board
2X-UI-E	User interface control board
2010-2-PS-40 using LRS-100-24	4A Power Supply

Incorporating the following optional modules:

2X-ZI-20	(20 Zone) (Large cabinet variant only)
2X-ZI-40	(40 Zone) (Large cabinet variant only)
2X-ZI-24-S	(24 Zone) (Small cabinet variant only)
2010-2-NB	Network card
2X-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)
2X-D-E-TP	Translucent door option for large cabinet*
2X-D-E-TP-S	Translucent door option for large cabinet*
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 2X-F2, 2X-F2-PRT and 2X-F2-S)

7.9.2 Alarm confirmation input from fire alarm routing equipment (not available on 2X-F2, 2X-F2-PRT and 2X-F2-S)

7.10 Output to fire protection equipment - Type A, B and C (not available on 2X-F2, 2X-F2-PRT and 2X-F2-S)

7.11 Delays to outputs

7.12 Dependencies on more than one alarm signal (Type A, B and C)

7.13 Alarm counter

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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

Notes:

1. This product approval does not constitute compliance with the fire detection and alarm systems requirements of EN 54-13.

2. 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

3. Scope of the approval does not indicate the operation of the network functionality

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:

l. A Zone indicator board to display the zones in alarm (to meet requirements of EN54-2 part 7.3)

ll. 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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