

Notified Body No. 2831

BRE Global Assurance (Ireland) Limited
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Certificate of constancy of performance 2831-CPR-F0522

In compliance with Regulation (EU) No. 305/2011 of the European Parliament and of the Council of 9th March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product(s)

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 trade

mark of:

Carrier Fire & Security B.V.

Kelvinstraat 7 NL-6003 DH

Weert

Netherlands

and produced in the manufacturing plant(s):

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 23 October 2019 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Date of First Issue: 23 October 2019

E Mattie-Suleiman , Certification Engineer Date of Issue: 14 March 2023



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APPENDIX to Certificate of constancy of performance: 2831-CPR-F0522

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 equipment 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

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
UK mains cable for small cabinet

2010-2-PIB-80 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*

Date of First Issue: 23 October 2019

E Mattie-Suleiman, Certification Engineer, Date of issue: 14 March 2023

On behalf of BRE Global Assurance (Ireland) Limited Issue number: 03



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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

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

E Mattie-Suleiman, Certification Engineer,

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 Translucent door option for large cabinet*
ZP2-D-FB2-TP-S Translucent door option for small cabinet*

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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

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
UK mains cable for small cabinet

2010-2-PIB-80 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

Incorporating the following units:

2010-2F1-MB Main control board

ZP2-UI-SCFB User interface control board

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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-80 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

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

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(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

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
UK mains cable for small cabinet

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

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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

Incorporating the following units:

2010-2FR-MB Main control board

ZP2-UI-FB2 User interface control board

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)

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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.

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

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)

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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)
- 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

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)

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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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