

BRE Global Ireland

Notified Body No. 2831
BRE Global Assurance (Ireland) Limited
DCU Alpha, Old Finglas Road
Glasnevin, Dublin, D11 KXN4
Ireland
T: +353 (0) 18824344
E: enquiries@breglobalireland.ie
www.breglobalireland.ie

Certificate of constancy of performance

2831-CPR-F0519

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)

KFP-AF1 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 Transmissions and Fault Warning 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.



E Mattie-Suleiman, Certification Engineer

Date of First Issue: 23 October 2019

Date of Issue: 14 March 2023

On behalf of BRE Global Assurance (Ireland) Limited

Issue number 03

To check the validity of this certificate, please contact us on +353 (0) 18824344 or email enquiries@breglobalireland.ie.

BRE Global Ireland

Notified Body No. 2831

BRE Global Assurance (Ireland) Limited
DCU Alpha, Old Finglas Road
Glasnevin, Dublin, D11 KXN4
Ireland

T: +353 (0) 18824344

E: enquiries@breglobalireland.ie
www.breglobalireland.ie

APPENDIX to Certificate of constancy of performance: 2831-CPR-F0519

KFP-AF1 One Loop Intelligent Analogue Addressable Control and Indicating Equipment

The details and conditions of use for the KFP-AF1 one loop intelligent analogue addressable fire control panels placed on the market by Carrier Fire & Security B.V. 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)

KFP-AF1 Intelligent Analogue Addressable Control and Indicating Equipment with User Interface - 1 Loop
KFP-AF1-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
KFP-A-UI	User interface control board
2010-2-PS-40 using LRS-100-24	4A Power Supply

Incorporating the following optional modules:

KFP-A-ZI-20	(20 Zone) (Large cabinet variant only)
KFP-A-ZI-40	(40 Zone) (Large cabinet variant only)
KFP-A-ZI-24-S	(24 Zone) (Small cabinet variant only)
2010-2-NB	Network card
KFP-A-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 AT57310 (GSM module)
2010-FS-EOL	Fault Supervision End of Line unit



E Mattie-Suleiman, Certification Engineer,

On behalf of BRE Global Assurance (Ireland) Limited

Date of First Issue: 23 October 2019

Date of issue: 14 March 2023

Issue number: 03

To check the validity of this certificate, please contact us on +353 (0) 18824344 or email enquiries@breglobalireland.ie.

BRE Global Ireland

Notified Body No. 2831

BRE Global Assurance (Ireland) Limited
DCU Alpha, Old Finglas Road
Glasnevin, Dublin, D11 KXN4
Ireland

T: +353 (0) 18824344

E: enquiries@breglobalireland.ie
www.breglobalireland.ie

APPENDIX to Certificate of constancy of performance: 2831-CPR-F0519

KFP-AF1-FB2 Intelligent Analogue Addressable Control and Indicating Equipment with User Interface with Fire Brigade Controls - 1 Loop

KFP-AF1-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
KFP-A-UI-FB2	User interface control board
2010-2-PS-40 using LRS-100-24	4A Power Supply

Incorporating the following optional modules:

KFP-A-ZI-20	(20 Zone) (Large cabinet variant only)
KFP-A-ZI-40	(40 Zone) (Large cabinet variant only)
KFP-A-ZI-24-S	(24 Zone) (Small cabinet variant only)
2010-2-NB	Network card
KFP-A-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

KFP-AE1 Intelligent Analogue Addressable Fire and Evacuation Control and Indicating Equipment with User Interface with Fire Brigade Controls - 1 Loop

KFP-AE1-S Intelligent Analogue Addressable Fire and Evacuation 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
KFP-A-UI-E	User interface control board
2010-2-PS-40 using LRS-100-24	4A Power Supply



E Mattie-Suleiman, Certification Engineer,

On behalf of BRE Global Assurance (Ireland) Limited

Date of First Issue: 23 October 2019

Date of issue: 14 March 2023

Issue number: 03

To check the validity of this certificate, please contact us on +353 (0) 18824344 or email enquiries@breglobalireland.ie.

BRE Global Ireland

Notified Body No. 2831

BRE Global Assurance (Ireland) Limited
DCU Alpha, Old Finglas Road
Glasnevin, Dublin, D11 KXN4
Ireland

T: +353 (0) 18824344

E: enquiries@breglobalireland.ie
www.breglobalireland.ie

APPENDIX to Certificate of constancy of performance: 2831-CPR-F0519

Incorporating the following optional modules:

KFP-A-ZI-20	(20 Zone) (Large cabinet variant only)
KFP-A-ZI-40	(40 Zone) (Large cabinet variant only)
KFP-A-ZI-24-S	(24 Zone) (Small cabinet variant only)
2010-2-NB	Network card
KFP-A-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

KFP-AF1-SCFB Intelligent Analogue Addressable Control and Indicating Equipment with User Interface with SS3654 Fire Brigade Controls - 1 Loop with Scandinavian Key Switch

KFP-AF1-SCFB-S Intelligent Analogue Addressable Control and Indicating Equipment with User Interface with Fire Brigade Controls - 2 Loop with Printer with Scandinavian Key Switch

Incorporating the following units:

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

Incorporating the following optional modules:

KFP-A-ZI-20	(20 Zone) (Large cabinet variant only)
KFP-A-ZI-40	(40 Zone) (Large cabinet variant only)
2010-2-NB	Network card
KFP-A-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)



E Mattie-Suleiman, Certification Engineer,

On behalf of BRE Global Assurance (Ireland) Limited

Date of First Issue: 23 October 2019

Date of issue: 14 March 2023

Issue number: 03

To check the validity of this certificate, please contact us on +353 (0) 18824344 or email enquiries@breglobalireland.ie.

BRE Global Ireland

Notified Body No. 2831

BRE Global Assurance (Ireland) Limited
DCU Alpha, Old Finglas Road
Glasnevin, Dublin, D11 KXN4
Ireland

T: +353 (0) 18824344

E: enquiries@breglobalireland.ie
www.breglobalireland.ie

APPENDIX to Certificate of constancy of performance: 2831-CPR-F0519

2010-2-PIB-818O	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 KFP-AF1 and KFP-AF1-S)
- 7.9.2 Alarm confirmation input from fire alarm routing equipment (not available on KFP-AF1 and KFP-AF1-S)
- 7.10 Output to fire protection equipment - Type A,B and C (not available on KFP-AF1 and KFP-AF1-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 kit options:
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



E Mattie-Suleiman, Certification Engineer,

On behalf of BRE Global Assurance (Ireland) Limited

Date of First Issue: 23 October 2019

Date of issue: 14 March 2023

Issue number: 03

To check the validity of this certificate, please contact us on +353 (0) 18824344 or email enquiries@breglobalireland.ie.

BRE Global Ireland**Notified Body No. 2831**

BRE Global Assurance (Ireland) Limited
DCU Alpha, Old Finglas Road
Glasnevin, Dublin, D11 KXN4
Ireland

T: +353 (0) 18824344

E: enquiries@breglobalireland.ie
www.breglobalireland.ie

APPENDIX to Certificate of constancy of performance: 2831-CPR-F0519**Ancillaries:**

KFP-A-FR Intelligent Analogue Addressable Control and Indicating Equipment Repeater

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

Incorporating the following units:

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

Incorporating the following optional modules:

KFP-A-ZI-20	(20 Zone) (Large cabinet variant only)
KFP-A-ZI-40	(40 Zone) (Large cabinet variant only)
KFP-A-ZI-24-S	(24 Zone) (Small cabinet variant only)
2010-2-NB	Network card
KFP-A-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

Note:

Compatible with the following CIE - KFP-AF1

KFP-A-FR-FB2 Intelligent Analogue Addressable Control and Indicating Equipment Repeater with Fire Brigade Controls

KFP-A-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
KFP-A-UI-FB2	User interface control board



E Mattie-Suleiman, Certification Engineer,

On behalf of BRE Global Assurance (Ireland) Limited

Date of First Issue: 23 October 2019

Date of issue: 14 March 2023

Issue number: 03

To check the validity of this certificate, please contact us on +353 (0) 18824344 or email enquiries@breglobalireland.ie.

BRE Global Ireland**Notified Body No. 2831**

BRE Global Assurance (Ireland) Limited
DCU Alpha, Old Finglas Road
Glasnevin, Dublin, D11 KXN4
Ireland

T: +353 (0) 18824344

E: enquiries@breglobalireland.ie

www.breglobalireland.ie

APPENDIX to Certificate of constancy of performance: 2831-CPR-F0519

2010-2-PS-40 using LRS-100-24	4A Power Supply
Incorporating the following optional modules:	
KFP-A-ZI-20	(20 Zone) (Large cabinet variant only)
KFP-A-ZI-40	(40 Zone) (Large cabinet variant only)
KFP-A-ZI-24-S	(24 Zone) (Small cabinet variant only)
2010-2-NB	Network card
KFP-A-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 AT57310 (GSM module)
2010-FS-EOL	Fault Supervision End of Line unit

Note:

Compatible with the following CIE - KFP-AF1-FB2

KFP-A-ER Intelligent Analogue Addressable Fire and Evacuation Panel Repeater with Fire Brigade Controls

KFP-A-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
KFP-A-UI-E	User interface control board
2010-2-PS-40 using LRS-100-24	4A Power Supply

Incorporating the following optional modules:

KFP-A-ZI-20	(20 Zone) (Large cabinet variant only)
KFP-A-ZI-40	(40 Zone) (Large cabinet variant only)
KFP-A-ZI-24-S	(24 Zone) (Small cabinet variant only)
2010-2-NB	Network card



E Mattie-Suleiman, Certification Engineer,

On behalf of BRE Global Assurance (Ireland) Limited

Date of First Issue: 23 October 2019

Date of issue: 14 March 2023

Issue number: 03

To check the validity of this certificate, please contact us on +353 (0) 18824344 or email enquiries@breglobalireland.ie.

BRE Global Ireland

Notified Body No. 2831

BRE Global Assurance (Ireland) Limited
DCU Alpha, Old Finglas Road
Glasnevin, Dublin, D11 KXN4
Ireland

T: +353 (0) 18824344

E: enquiries@breglobalireland.ie
www.breglobalireland.ie

APPENDIX to Certificate of constancy of performance: 2831-CPR-F0519

KFP-A-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

Note:

Compatible with the following CIE - KFP-AE1

KFP-A-FR-SCFB Intelligent Analogue Addressable Control and Indicating Equipment Repeater with SS3654 Fire Brigade Controls with Scandinavian Key Switch

KFP-A-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
KFP-A-UI-SCFB	User interface control board
2010-2-PS-40 using LRS-100-24	4A Power Supply

Incorporating the following optional modules:

KFP-A-ZI-20	(20 Zone) (Large cabinet variant only)
KFP-A-ZI-40	(40 Zone) (Large cabinet variant only)
2010-2-NB	Network card
KFP-A-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)



E Mattie-Suleiman, Certification Engineer,

On behalf of BRE Global Assurance (Ireland) Limited

Date of First Issue: 23 October 2019

Date of issue: 14 March 2023

Issue number: 03

To check the validity of this certificate, please contact us on +353 (0) 18824344 or email enquiries@breglobalireland.ie.

BRE Global Ireland

Notified Body No. 2831

BRE Global Assurance (Ireland) Limited
DCU Alpha, Old Finglas Road
Glasnevin, Dublin, D11 KXN4
Ireland

T: +353 (0) 18824344

E: enquiries@breglobalireland.ie

www.breglobalireland.ie

APPENDIX to Certificate of constancy of performance: 2831-CPR-F0519

2010-FS-EOL Fault Supervision End of Line unit

Note:

Compatible with the following CIE - KFP-AF1-SCFB.



E Mattie-Suleiman, Certification Engineer,

On behalf of BRE Global Assurance (Ireland) Limited

Date of First Issue: 23 October 2019

Date of issue: 14 March 2023

Issue number: 03

To check the validity of this certificate, please contact us on +353 (0) 18824344 or email enquiries@breglobalireland.ie.