LPCB®

Certificate of Product Approval

Certificate Number: 1199a-(cl-1)   Issue: 04

Carrier Fire & Security B.V.

Kelvinstraat 7
NL-6003 DH
Weert
Netherlands

is certified by BRE Global Ltd. and is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirement(s) of the standards as detailed below:

Products

Control and Indicating equipment
2X-F Range of CIE's
2X-E Range of CIE's
2X-FR Repeater Range
2X-ER Range of CIE's
KFP-AE Range of CIE's
KFP-A Repeater Range
ZP2-F Range of CIE's
ZP2-E Range of CIE's
ZP2-FR Repeater Range
(refer to Appendix for details)

Standards

EN 54-2:1997 + A1:2006
EN 54-4:1997 + A1:2002 + A2:2006
EN 54-21:2006

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd	E.Mattie-Suleiman Verifier	14 March 2023 Date of Issue	5 March 2014 Date of First Issue

LPCB®

Appendix to Certificate No: 1199a-(cl-1)   Issue: 04

Carrier Fire & Security B.V.

Certified Product	Description	LPCB Ref.No.
2X-F1 2X-F1-S	2X-F1 Intelligent Analogue Addressable Control and Indicating Equipment with User Interface– 1 Loop 2X-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 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-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-D-TP-S Translucent door option for small 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:	1199a/05

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd	E.Mattie-Suleiman Verifier	14 March 2023 Date of Issue	5 March 2014 Date of First Issue

bre

80018

LPCB®

Appendix to Certificate No: 1199a-(cl-1)   Issue: 04

Carrier Fire & Security B.V.

Certified Product	Description	LPCB Ref.No.

	7.8 Output to fire alarm device(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), 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.
	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).	

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd

E.Mattie-Suleiman
Verifier

14 March 2023
Date of Issue

5 March 2014
Date of First Issue

LPCB®

Appendix to Certificate No: 1199a-(cl-1)   Issue: 04

Carrier Fire & Security B.V.

Certified Product	Description	LPCB Ref.No.
KFP-AF1 KFP-AF1-S	Intelligent Analogue Addressable Control and Indicating Equipment with User Interface - 1 Loop 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 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) 7.11 Delays to outputs	1199a/05

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd

E.Mattie-Suleiman
Verifier

14 March 2023
Date of Issue

5 March 2014
Date of First Issue

LPCB

UKAS PRODUCT CERTIFICATION 0007

bre

LPCB®

Appendix to Certificate No: 1199a-(cl-1)   Issue: 04

Carrier Fire & Security B.V.

Certified Product	Description	LPCB Ref.No.
	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. Scope of approval does not include the operation of the network functionality. 2. This product approval does not constitute compliance with the fire detection and alarm system requirements of EN54-13.	
ZP2-F1 ZP2-F1-S	Intelligent Analogue Addressable Control and Indicating Equipment with User Interface - 1 Loop 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)	1199a/05

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd

E.Mattie-Suleiman
Verifier

14 March 2023
Date of Issue

5 March 2014
Date of First Issue

UKAS PRODUCT CERTIFICATION 0007

bre

LPCB®

Carrier Fire & Security B.V.

Certified Product		Description	LPCB Ref.No.
	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*	

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

7.8	Output to fire alarm device(s)
7.11	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. Scope of approval does not include the operation of the network functionality
2. This product approval does not constitute compliance with the fire detection and alarm system requirements of EN54-13.
3.*The translucent door does not meet EN54-2 access level 1 requirements. To meet EN 54-2 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)

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

LPCB®

Appendix to Certificate No: 1199a-(cl-1) Issue: 04

Carrier Fire & Security B.V.

Certified Product	Description	LPCB Ref.No.
2X-F1-FB2 2X-F1-FB2-S	Intelligent Analogue Addressable Control and Indicating Equipment with User Interface with Fire Brigade Controls - 1 Loop 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 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-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) 2X-D-FB2-TP Translucent door option for large cabinet* 2X-D-FB2-TP-S Translucent door option for small cabinet*	1199a/07

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd

E.Mattie-Suleiman
Verifier

14 March 2023
Date of Issue

5 March 2014
Date of First Issue

LPCB®

Appendix to Certificate No: 1199a-(cl-1)   Issue: 04

Carrier Fire & Security B.V.

Certified Product	Description	LPCB Ref.No.
	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 devices 7.9.1 Output to fire alarm routing equipment 7.9.2 Alarm confirmation input from fire alarm routing equipment 7.10 Output to fire protection equipment (type A, B, and C) 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. Scope of approval does not include the operation of the network functionality 2. This product approval does not constitute compliance with the fire detection and alarm system requirements of EN54-13.	
KFP-AF1-FB2 KFP-AF1-FB2-S	Intelligent Analogue Addressable Control and Indicating Equipment with User Interface with Fire Brigade Controls - 1 Loop 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	1199a/07

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd

E.Mattie-Suleiman
Verifier

14 March 2023
Date of Issue

5 March 2014
Date of First Issue

LPCB
LOSS PREVENTION CERTIFICATION BOARD

UKAS
PRODUCT CERTIFICATION
0007

bre

80018

Appendix to Certificate No: 1199a-(cl-1)   Issue: 04

Carrier Fire & Security B.V.

Certified Product	Description	LPCB Ref.No.
	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	
	The above fire panels are certified with the following options with requirements from EN 54-2:	
	7.8 Output to fire alarm devices	
	7.9.1 Output to fire alarm routing equipment	
	7.9.2 Alarm confirmation input from fire alarm routing equipment	
	7.10 Output to fire protection equipment (Type A, B, and C)	
	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	

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd	E.Mattie-Suleiman	14 March 2023	5 March 2014
	Verifier	Date of Issue	Date of First Issue

LPCB®

Certified Product	Description	LPCB Ref.No.
	8.9 Output to fault warning routing equipment 9.5 Disablement of addressable points 10 Test condition Notes: 1. Scope of approval does not include the operation of the network functionality 2. This product approval does not constitute compliance with the fire detection and alarm system requirements of EN54-13.	
ZP2-F1-FB2 ZP2-F1-FB2-S	Intelligent Analogue Addressable Control and Indicating Equipment with User Interface with Fire Brigade controls - 1 Loop 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)	1199a/07

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd	E.Mattie-Suleiman Verifier	14 March 2023 Date of Issue	5 March 2014 Date of First Issue

LPCB®

Appendix to Certificate No: 1199a-(cl-1)　　　　Issue: 04

Carrier Fire & Security B.V.

Certified Product	Description		LPCB Ref.No.
	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*	
	The above fire panels are certified with the following options with requirements from EN 54-2:		
	7.8	Output to fire alarm devices	
	7.9.1	Output to fire alarm routing equipment	
	7.9.2	Alarm confirmation input from fire alarm routing equipment	
	7.10	Output to fire protection equipment (Type A, B, and C)	
	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. Scope of approval does not include the operation of the network functionality 2. This product approval does not constitute compliance with the fire detection and alarm system requirements of EN54-13.		
2X-E1 2X-E1-S	Intelligent Analogue Addressable Fire and Evacuation Control and Indicating Equipment with User Interface with Fire Brigade Controls - 1 Loop		1199a/08

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd	E.Mattie-Suleiman	14 March 2023	5 March 2014
	Verifier	Date of Issue	Date of First Issue

LPCB®

Appendix to Certificate No: 1199a-(cl-1)　　　　Issue: 04

Carrier Fire & Security B.V.

Certified Product	Description	LPCB Ref.No.
	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	
	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 small 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	

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd

E.Mattie-Suleiman　　　14 March 2023　　　5 March 2014
Verifier　　　　　　　　Date of Issue　　　　Date of First Issue

UKAS PRODUCT CERTIFICATION 0007

Appendix to Certificate No: 1199a-(cl-1)   Issue: 04

Carrier Fire & Security B.V.

Certified Product		Description	LPCB Ref.No.
	7.9.2	Alarm confirmation input from fire alarm routing equipment	
	7.10	Output to fire protection equipment (Type A, B, and C)	
	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. Scope of approval does not include the operation of the network functionality.		
	2. This product approval does not constitute compliance with the fire detection and alarm system requirements of EN54-13.		
	3. *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).		
KFP-AE1 KFP-AE1-S	Intelligent Analogue Addressable Fire and Evacuation Control and Indicating Equipment with User Interface with Fire Brigade Controls - 1 Loop 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 Incorporating the following optional modules: KFP-A-ZI-20 (20 Zone) (Large cabinet variant only)		1199a/08

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

LPCB®

Appendix to Certificate No: 1199a-(cl-1)　　　Issue: 04

Carrier Fire & Security B.V.

Certified Product	Description		LPCB Ref.No.
	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	

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
7.9.2	Alarm confirmation input from fire alarm routing equipment
7.10	Output to fire protection equipment (Type A, B, and C)
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:

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd

E.Mattie-Suleiman　　14 March 2023　　5 March 2014
Verifier　　　　　　　Date of Issue　　　Date of First Issue

LPCB

UKAS
PRODUCT
CERTIFICATION
0007

This certificate and appendix remains the property of BRE Global Ltd. and is issued subject to terms and conditions (for details visit www.redbooklive.com/terms).
To check the validity of this certificate and appendix please visit www.redbooklive.com/check, scan the QR tag or contact us.
BRE Global Ltd, Watford, WD25 9XX
T: +44 (0)333 321 8811 E: enquiries@breglobal.com
LPCB is a Registered Trademark of the Building Research Establishment Ltd.

bre

LPCB®

Appendix to Certificate No: 1199a-(cl-1)   Issue: 04

Carrier Fire & Security B.V.

Certified Product	Description	LPCB Ref.No.
	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.	
ZP2-E1 ZP2-E1-S	Intelligent Analogue Addressable Fire and Evacuation Control and Indicating Equipment with User Interface with Fire Brigade Controls - 1 Loop 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 ZP2-UI-E User interface control board 2010-2-PS-40 using LRS-100-24 4A Power Supply Incorporating the following optional modules:	1199a/08

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd	E.Mattie-Suleiman Verifier	14 March 2023 Date of Issue	5 March 2014 Date of First Issue

LPCB®

Appendix to Certificate No: 1199a-(cl-1) Issue: 04

Carrier Fire & Security B.V.

Certified Product	Description		LPCB Ref.No.
	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*	

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
7.9.2	Alarm confirmation input from fire alarm routing equipment
7.10	Output to fire protection equipment (Type A, B, and C)
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

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd

E.Mattie-Suleiman
Verifier

14 March 2023
Date of Issue

5 March 2014
Date of First Issue

LPCB®

Appendix to Certificate No: 1199a-(cl-1)   Issue: 04

Carrier Fire & Security B.V.

Certified Product	Description	LPCB Ref.No.

	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).	

2X-F1-SCFB 2X-F1-SCFB-S	Intelligent Analogue Addressable Control and Indicating Equipment with User Interface with SS3654 Fire Brigade Controls - 1 Loop with Scandinavian Key Switch	1199a/09

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd

E.Mattie-Suleiman
Verifier

14 March 2023
Date of Issue

5 March 2014
Date of First Issue

LPCB®

Certified Product	Description	LPCB Ref.No.
	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	
	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	
	The above fire panels are certified with the following options with requirements from EN 54-2:	
	7.8 Output to fire alarm devices	
	7.9.1 Output to fire alarm routing equipment	
	7.9.2 Alarm confirmation input from fire alarm routing equipment	

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd	E.Mattie-Suleiman	14 March 2023	5 March 2014
	Verifier	Date of Issue	Date of First Issue

LPCB®

Appendix to Certificate No: 1199a-(cl-1)　　　Issue: 04

Carrier Fire & Security B.V.

Certified Product	Description	LPCB Ref.No.
	7.10　　Output to fire protection equipment (Type A, B, and C) 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), 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.	
KFP-AF1-SCFB KFP-AF1-SCFB-S	Intelligent Analogue Addressable Control and Indicating Equipment with User Interface with SS3654 Fire Brigade Controls - 1 Loop with Scandinavian Key Switch	1199a/09

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd	E.Mattie-Suleiman Verifier	14 March 2023 Date of Issue	5 March 2014 Date of First Issue

Appendix to Certificate No: 1199a-(cl-1)

Issue: 04

Carrier Fire & Security B.V.

Certified Product	Description	LPCB Ref.No.
	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)	
	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 devices	
	7.9.1 Output to fire alarm routing equipment	
	7.9.2 Alarm confirmation input from fire alarm routing equipment	

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd	E.Mattie-Suleiman	14 March 2023	5 March 2014
	Verifier	Date of Issue	Date of First Issue

UKAS PRODUCT CERTIFICATION 0007

Appendix to Certificate No: 1199a-(cl-1)   Issue: 04

Carrier Fire & Security B.V.

Certified Product	Description	LPCB Ref.No.
	7.10 Output to fire protection equipment (Type A, B, and C) 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. Scope of approval does not include the operation of the network functionality 2.This product approval does not constitute compliance with the fire detection and alarm system requirements of EN54-13.	
ZP2-F1-SCFB ZP2-F1-SCFB-S	Intelligent Analogue Addressable Control and Indicating Equipment with User Interface with SS3654 Fire Brigade Controls - 1 Loop with Scandinavian Key Switch 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 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	1199a/09

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

	E.Mattie-Suleiman	14 March 2023	5 March 2014
Signed for BRE Global Ltd	Verifier	Date of Issue	Date of First Issue

Appendix to Certificate No: 1199a-(cl-1)　　　Issue: 04

Carrier Fire & Security B.V.

Certified Product	Description		LPCB Ref.No.
	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 devices	
	7.9.1	Output to fire alarm routing equipment	
	7.9.2	Alarm confirmation input from fire alarm routing equipment	
	7.10	Output to fire protection equipment (Type A, B, and C)	
	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. Scope of approval does not include the operation of the network functionality 2. This product approval does not constitute compliance with the fire detection and alarm system requirements of EN54-13.		
2X-F2 2X-F2-PRT	Intelligent Analogue Addressable Control and Indicating Equipment with User Interface - 2 Loop		1199a/10

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd

E.Mattie-Suleiman	14 March 2023	5 March 2014
Verifier	Date of Issue	Date of First Issue

LPCB®

Certified Product	Description	LPCB Ref.No.
2X-F2-S	Intelligent Analogue Addressable Control and Indicating Equipment with User Interface - 2 Loop with Printer Intelligent Analogue Addressable Control and Indicating Equipment 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) 2010-FS-EOL　　Fault Supervision End of Line unit	

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd	E.Mattie-Suleiman Verifier	14 March 2023 Date of Issue	5 March 2014 Date of First Issue

LPCB
UKAS PRODUCT CERTIFICATION 0007

bre

LPCB®

Certified Product	Description	LPCB Ref.No.

	The above fire panels are certified with the following options with requirements from EN 54-2:
	7.8 Output to fire alarm devices
	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. Scope of approval does not include the operation of the network functionality
	2. This product approval does not constitute compliance with the fire detection and alarm system requirements of EN54-13.
	3. *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)	

KFP-AF2 KFP-AF2-PRT KFP-AF2-S	Intelligent Analogue Addressable Control and Indicating Equipment with User Interface - 2 Loop Intelligent Analogue Addressable Control and Indicating Equipment with User Interface - 2 Loop with Printer Intelligent Analogue Addressable Control and Indicating Equipment with User Interface - 2 Loop Small Cabinet Incorporating the following units: 2010-2F2-MB Main control board KFP-A-UI User interface control board	1199a/10

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd

E.Mattie-Suleiman   14 March 2023   5 March 2014

Verifier   Date of Issue   Date of First Issue

LPCB — LOSS PREVENTION CERTIFICATION BOARD

UKAS PRODUCT CERTIFICATION 0007

bre

80018

LPCB®

Certified Product	Description	LPCB Ref.No.
	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-PRT Door mounted printer module (KFP-A-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)	
	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 devices	
	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	

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd	E.Mattie-Suleiman	14 March 2023	5 March 2014
	Verifier	Date of Issue	Date of First Issue

UKAS PRODUCT CERTIFICATION 0007

bre

LPCB®

Appendix to Certificate No: 1199a-(cl-1)   Issue: 04

Carrier Fire & Security B.V.

Certified Product	Description	LPCB Ref.No.
	Notes: 1. Scope of approval does not include the operation of the network functionality 2. This product approval does not constitute compliance with the fire detection and alarm system requirements of EN54-13.	

ZP2-F2
ZP2-F2-PRT
ZP2-F2-S
	Intelligent Analogue Addressable Control and Indicating Equipment with User Interface - 2 Loop
	Intelligent Analogue Addressable Control and Indicating Equipment with User Interface - 2 Loop with Printer
	Intelligent Analogue Addressable Control and Indicating Equipment with User Interface - 2 Loop Small Cabinet
	
	Incorporating the following units:
	2010-2F2-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-PRT Door mounted printer module (ZP2-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)
		1199a/10

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd

E.Mattie-Suleiman
Verifier

14 March 2023
Date of Issue

5 March 2014
Date of First Issue

LPCB®

Appendix to Certificate No: 1199a-(cl-1) Issue: 04

Carrier Fire & Security B.V.

Certified Product		Description	LPCB Ref.No.
	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-F2 variant only)	
	ZP2-D-TP-S	Translucent door option for small cabinet* (ZP2-F2-S variant only)	

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

7.8	Output to fire alarm devices
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. Scope of approval does not include the operation of the network functionality
2. This product approval does not constitute compliance with the fire detection and alarm system requirements of EN54-13.
3. *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).

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd

E.Mattie-Suleiman
Verifier

14 March 2023
Date of Issue

5 March 2014
Date of First Issue

LPCB®

Appendix to Certificate No: 1199a-(cl-1)   Issue: 04

Carrier Fire & Security B.V.

Certified Product	Description	LPCB Ref.No.
2X-F2-FB2 2X-F2-FB2-PRT 2X-F2-FB2-S	Intelligent Analogue Addressable Control and Indicating Equipment with User Interface with Fire Brigade Controls - 2 Loop Intelligent Analogue Addressable Control and Indicating Equipment with User Interface with Fire Brigade Controls - 2 Loop with Printer 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 IFAM interface card (master) (Large cabinet variant only) ADP-N3S Interface card (slave) (Large cabinet variant only)	1199a/12

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

LPCB   UKAS PRODUCT CERTIFICATION 0007

LPCB®

Carrier Fire & Security B.V.

Certified Product	Description		LPCB Ref.No.
	2010-2-DACT	With ATS7310 (GSM module)	
	2X-D-FB2-TP	Translucent door option for large cabinet* (2X-F2-FB2 variant only)	
	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	

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

7.8	Output to fire alarm devices
7.9.1	Output to fire alarm routing equipment
7.9.2	Alarm confirmation input from fire alarm routing equipment
7.10	Output to fire protection equipment (Type A, B, and C)
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. Scope of approval does not include the operation of the network functionality
2. This product approval does not constitute compliance with the fire detection and alarm system requirements of EN54-13.
3. *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).

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

UKAS PRODUCT CERTIFICATION 0007

bre

LPCB®

Appendix to Certificate No: 1199a-(cl-1)　　　Issue: 04

Carrier Fire & Security B.V.

Certified Product	Description	LPCB Ref.No.
KFP-AF2-FB2 KFP-AF2-FB2-PRT KFP-AF2-FB2-S	Intelligent Analogue Addressable Control and Indicating Equipment with User Interface with Fire brigade Controls - 2 Loop Intelligent Analogue Addressable Control and Indicating Equipment with User Interface with Fire Brigade Controls - 2 Loop with Printer 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 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-PRT　　　　　Door mounted printer module (KFP-A-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)	1199a/12

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd

E.Mattie-Suleiman　　　14 March 2023　　　5 March 2014
Verifier　　　　　　　　　Date of Issue　　　　Date of First Issue

UKAS PRODUCT CERTIFICATION 0007

bre

LPCB®

Certified Product	Description	LPCB Ref.No.
	ADP-N3S (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 devices 7.9.1 Output to fire alarm routing equipment 7.9.2 Alarm confirmation input from fire alarm routing equipment 7.10 Output to fire protection equipment (Type A, B, and C) 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. Scope of approval does not include the operation of the network functionality 2. This product approval does not constitute compliance with the fire detection and alarm system requirements of EN54-13.	
ZP2-F2-FB2 ZP2-F2-FB2-PRT ZP2-F2-FB2-S	Intelligent Analogue Addressable Control and Indicating Equipment with User Interface with Fire Brigade Controls - 2 Loop Intelligent Analogue Addressable Control and Indicating Equipment with User Interface with Fire Brigade Controls - 2 Loop with Printer 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	1199a/12

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd	E.Mattie-Suleiman Verifier	14 March 2023 Date of Issue	5 March 2014 Date of First Issue

UKAS PRODUCT CERTIFICATION 0007

bre

LPCB®

Certified Product	Description		LPCB Ref.No.
	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-PRT	Door mounted printer module (ZP2-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)	
	2010-FS-EOL	Fault Supervision End of Line unit	
	ZP2-D-FB2-TP	Translucent door option for large cabinet* (ZP2-F2-FB2 variant only)	
	ZP2-D-FB2-TP-S	Translucent door option for large cabinet* (ZP2-F2-FB2-S variant only)	
	The above fire panels are certified with the following options with requirements from EN 54-2:		

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd

E.Mattie-Suleiman
Verifier

14 March 2023
Date of Issue

5 March 2014
Date of First Issue

Appendix to Certificate No: 1199a-(cl-1)   Issue: 04

Carrier Fire & Security B.V.

Certified Product	Description	LPCB Ref.No.

	7.8 Output to fire alarm devices
	7.9.1 Output to fire alarm routing equipment
	7.9.2 Alarm confirmation input from fire alarm routing equipment
	7.10 Output to fire protection equipment (Type A, B, and C)
	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. Scope of approval does not include the operation of the network functionality
	2. This product approval does not constitute compliance with the fire detection and alarm system requirements of EN54-13.
	3. *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)	

2X-F2-SCFB 2X-F2-SCFB-S	Intelligent Analogue Addressable Control and Indicating Equipment with User Interface with SS3654 Fire Brigade Controls - 2 Loop with Scandinavian Key Switch 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	1199a/13

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Appendix to Certificate No: 1199a-(cl-1)　　　Issue: 04

Carrier Fire & Security B.V.

Certified Product	Description	LPCB Ref.No.
	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 The above fire panels are certified with the following options with requirements from EN 54-2: 7.8　　　　Output to fire alarm devices 7.9.1　　　Output to fire alarm routing equipment 7.9.2　　　Alarm confirmation input from fire alarm routing equipment 7.10　　　Output to fire protection equipment (Type A, B, and C) 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	

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd	E.Mattie-Suleiman Verifier	14 March 2023 Date of Issue	5 March 2014 Date of First Issue

UKAS PRODUCT CERTIFICATION 0007

LPCB®

Certified Product	Description	LPCB Ref.No.
	10 Test condition Notes: 1. Scope of approval does not include the operation of the network functionality 2. This product approval does not constitute compliance with the fire detection and alarm system requirements of EN54-13.	
KFP-AF2-SCFB KFP-AF2-SCFB-S	Intelligent Analogue Addressable Control and Indicating Equipment with User Interface with SS3654 Fire Brigade Controls - 2 Loop with Scandinavian Key Switch 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 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-PRT Door mounted printer module (KFP-A-F2-SCFB-PRT variant only) 2010-2-PIB-8O Peripheral Interface Board 8 outputs (Large cabinet variant only)	1199a/13

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

signature Signed for BRE Global Ltd	E.Mattie-Suleiman Verifier	14 March 2023 Date of Issue	5 March 2014 Date of First Issue

Appendix to Certificate No: 1199a-(cl-1)　　　Issue: 04

Carrier Fire & Security B.V.

Certified Product	Description		LPCB Ref.No.
	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 devices	
	7.9.1	Output to fire alarm routing equipment	
	7.9.2	Alarm confirmation input from fire alarm routing equipment	
	7.10	Output to fire protection equipment (Type A, B, and C)	
	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. Scope of approval does not include the operation of the network functionality 2. This product approval does not constitute compliance with the fire detection and alarm system requirements of EN54-13.		
ZP2-F2-SCFB ZP2-F2-SCFB-S	Intelligent Analogue Addressable Control and Indicating Equipment with User Interface with SS3654 Fire Brigade Controls - 2 Loop with Scandinavian Key Switch Intelligent Analogue Addressable Control and Indicating Equipment with User Interface with SS3654 Fire Brigade Controls - 2 Loop Small Cabinet with Scandinavian Key Switch		1199a/13

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd	E.Mattie-Suleiman Verifier	14 March 2023 Date of Issue	5 March 2014 Date of First Issue

LPCB®

Appendix to Certificate No: 1199a-(cl-1)   Issue: 04

Carrier Fire & Security B.V.

Certified Product	Description	LPCB Ref.No.
	Incorporating the following units:	
	2010-2F2-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	
	2010-2-232-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 devices	
	7.9.1 Output to fire alarm routing equipment	
	7.9.2 Alarm confirmation input from fire alarm routing equipment	
	7.10 Output to fire protection equipment (Type A, B, and C)	
	7.11 Delays to outputs	
	7.12 Dependencies on more than one alarm signal (Type A, B and C)	

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd

E.Mattie-Suleiman	14 March 2023	5 March 2014
Verifier	Date of Issue	Date of First Issue

UKAS PRODUCT CERTIFICATION 0007

80018

Appendix to Certificate No: 1199a-(cl-1)   Issue: 04

Carrier Fire & Security B.V.

Certified Product	Description	LPCB Ref.No.
	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. Scope of approval does not include the operation of the network functionality 2. This product approval does not constitute compliance with the fire detection and alarm system requirements of EN54-13.	
2X-E2 2X-E2-S	Intelligent Analogue Addressable Fire and Evacuation Control and Indicating Equipment with User Interface with Fire Brigade Controls - 2 Loop Intelligent Analogue Addressable Fire and Evacuation 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-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)	1199a/14

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd	E.Mattie-Suleiman Verifier	14 March 2023 Date of Issue	5 March 2014 Date of First Issue

Appendix to Certificate No: 1199a-(cl-1)　　Issue: 04

Carrier Fire & Security B.V.

Certified Product	Description		LPCB Ref.No.
	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 devices
7.9.1	Output to fire alarm routing equipment
7.9.2	Alarm confirmation input from fire alarm routing equipment
7.10	Output to fire protection equipment (Type A, B, and C)
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 (AU) Australia, 09 Spanish

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd	E.Mattie-Suleiman	14 March 2023	5 March 2014
	Verifier	Date of Issue	Date of First Issue

Appendix to Certificate No: 1199a-(cl-1)　　　　Issue: 04

Carrier Fire & Security B.V.

Certified Product	Description	LPCB Ref.No.
	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)	
KFP-AE2-S	Intelligent Analogue Addressable Fire and Evacuation 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 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 KFP-A-LB　　　　Loop Board (Large cabinet variant only)	1199a/14

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd	E.Mattie-Suleiman Verifier	14 March 2023 Date of Issue	5 March 2014 Date of First Issue

LPCB®

Carrier Fire & Security B.V.

Certified Product	Description	LPCB Ref.No.
	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	
	The above fire panels are certified with the following options with requirements from EN 54-2:	
	7.8 Output to fire alarm devices	
	7.9.1 Output to fire alarm routing equipment	
	7.9.2 Alarm confirmation input from fire alarm routing equipment	
	7.10 Output to fire protection equipment (Type A, B, and C)	
	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:	

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd   E.Mattie-Suleiman   14 March 2023   5 March 2014
                             Verifier   Date of Issue   Date of First Issue

LPCB®

Appendix to Certificate No: 1199a-(cl-1)   Issue: 04

Carrier Fire & Security B.V.

Certified Product	Description	LPCB Ref.No.
	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.	
ZP2-E2 ZP2-E2-S	Intelligent Analogue Addressable Fire and Evacuation Control and Indicating Equipment with User Interface with Fire Brigade Controls - 2 Loop Intelligent Analogue Addressable Fire and Evacuation 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 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)	1199a/14

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd

E.Mattie-Suleiman
Verifier

14 March 2023
Date of Issue

5 March 2014
Date of First Issue

LPCB®

Carrier Fire & Security B.V.

Certified Product	Description		LPCB Ref.No.
	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 large cabinet*	

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

7.8	Output to fire alarm devices
7.9.1	Output to fire alarm routing equipment
7.9.2	Alarm confirmation input from fire alarm routing equipment
7.10	Output to fire protection equipment (Type A, B, and C)
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.

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd	E.Mattie-Suleiman	14 March 2023	5 March 2014
	Verifier	Date of Issue	Date of First Issue

LPCB®

Appendix to Certificate No: 1199a-(cl-1)　　Issue: 04

Carrier Fire & Security B.V.

Certified Product	Description	LPCB Ref.No.
	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).	
2X-FR 2X-FR-S	Intelligent Analogue Addressable Control and Indicating Equipment Repeater Intelligent Analogue Addressable Control and Indicating Equipment Repeater Small Cabinet Incorporating the following units: 2010-2FR-MB　　　　　　　　Main control board 2X-UI　　　　　　　　　　　User interface control board 2010-2-PS-40 using LRS-100-24　4A Power Supply	1199a/R01

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Appendix to Certificate No: 1199a-(cl-1)　　　Issue: 04

Carrier Fire & Security B.V.

Certified Product	Description	LPCB Ref.No.
	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-TP　　　Translucent door option for large cabinet* 2X-D-TP-S　　Translucent door option for small cabinet* 2010-FS-EOL　Fault Supervision End of Line unit Note: Compatible with the following CIE - 2X-F1	
KFP-A-FR KFP-A-FR-S	Intelligent Analogue Addressable Control and Indicating Equipment Repeater 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:	1199a/R01

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd	E.Mattie-Suleiman Verifier	14 March 2023 Date of Issue	5 March 2014 Date of First Issue

LPCB®

Appendix to Certificate No: 1199a-(cl-1)   Issue: 04

Carrier Fire & Security B.V.

Certified Product	Description		LPCB Ref.No.
	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		
ZP2-FR ZP2-FR-S	Intelligent Analogue Addressable Control and Indicating Equipment Repeater Intelligent Analogue Addressable Control and Indicating Equipment Repeater Small Cabinet Incorporating the following units:		1199a/R01
	2010-2FR-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)	

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Appendix to Certificate No: 1199a-(cl-1) Issue: 04

Carrier Fire & Security B.V.

Certified Product	Description		LPCB Ref.No.
	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*	
	Note: Compatible with the following CIE - ZP2-F1		
2X-FR-FB2 2X-FR-FB2-S	Intelligent Analogue Addressable Control and Indicating Equipment Repeater with Fire Brigade Controls		1199a/R02
	Intelligent Analogue Addressable Control and Indicating Equipment Repeater with Fire Brigade Controls Small Cabinet		
	Incorporating the following units:		
	2010-2FR-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)	

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd

E.Mattie-Suleiman
Verifier

14 March 2023
Date of Issue

5 March 2014
Date of First Issue

UKAS PRODUCT CERTIFICATION 0007

LPCB®

Certified Product	Description		LPCB Ref.No.
	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	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)	
	2X-D-FB2-TP	Translucent door option for large cabinet*	
	2X-D-FB2-TP-S	Translucent door option for small cabinet*	
	2010-FS-EOL	Fault Supervision End of Line unit	
	Note: Compatible with the following CIE - 2X-F1-FB2		
KFP-A-FR-FB2 KFP-A-FR-FB2-S	Intelligent Analogue Addressable Control and Indicating Equipment Repeater with Fire Brigade Controls		1199a/R02
	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	
	2010-2-PS-40 using LRS-100-24	4A Power Supply	

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd

E.Mattie-Suleiman
Verifier

14 March 2023
Date of Issue

5 March 2014
Date of First Issue

Appendix to Certificate No: 1199a-(cl-1)   Issue: 04

Carrier Fire & Security B.V.

Certified Product	Description	LPCB Ref.No.
	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	
	Note:	
	Compatible with the following CIE - KFP-AF1-FB2	
ZP2-FR-FB2 ZP2-FR-FB2-S	Intelligent Analogue Addressable Control and Indicating Equipment Repeater with Fire Brigade Controls 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	1199a/R02

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd	E.Mattie-Suleiman Verifier	14 March 2023 Date of Issue	5 March 2014 Date of First Issue

UKAS PRODUCT CERTIFICATION 0007

Appendix to Certificate No: 1199a-(cl-1)　　　Issue: 04

Carrier Fire & Security B.V.

Certified Product	Description	LPCB Ref.No.
	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* Note: Compatible with the following CIE - ZP2-F1-FB2	
2X-ER 2X-ER-S	Intelligent Analogue Addressable Fire and Evacuation Control and Indicating Equipment Repeater with Fire Brigade Controls Intelligent Analogue Addressable Fire and Evacuation Control and Indicating Equipment Repeater with Fire Brigade Controls Small Cabinet	1199a/R04

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd	E.Mattie-Suleiman Verifier	14 March 2023 Date of Issue	5 March 2014 Date of First Issue

Appendix to Certificate No: 1199a-(cl-1) Issue: 04

Carrier Fire & Security B.V.

Certified Product	Description	LPCB Ref.No.
	Incorporating the following units: 2010-2FR-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 small cabinet* 2010-FS-EOL — Fault Supervision End of Line unit Note 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:	

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd

E.Mattie-Suleiman   14 March 2023   5 March 2014
Verifier   Date of Issue   Date of First Issue

UKAS PRODUCT CERTIFICATION 0007

LPCB®

Appendix to Certificate No: 1199a-(cl-1)　　　Issue: 04

Carrier Fire & Security B.V.

Certified Product	Description	LPCB Ref.No.
	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 - 2X-E1	
KFP-A-ER KFP-A-ER-S	Intelligent Analogue Addressable Fire and Evacuation Control and Indicating Equipment Repeater with Fire Brigade Controls Intelligent Analogue Addressable Fire and Evacuation Control and Indicating Equipment 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 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	1199a/R04

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd

E.Mattie-Suleiman
Verifier

14 March 2023
Date of Issue

5 March 2014
Date of First Issue

LPCB — LOSS PREVENTION CERTIFICATION BOARD

UKAS PRODUCT CERTIFICATION 0007

bre

Appendix to Certificate No: 1199a-(cl-1)   Issue: 04

Carrier Fire & Security B.V.

Certified Product	Description	LPCB Ref.No.
	Note: Compatible with the following CIE - KFP-AE1	
ZP2-ER ZP2-ER-S	Intelligent Analogue Addressable Fire and Evacuation Control and Indicating Equipment Repeater with Fire Brigade Controls Intelligent Analogue Addressable Fire and Evacuation Control and Indicating Equipment 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*	1199a/R04

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd

E.Mattie-Suleiman
Verifier

14 March 2023
Date of Issue

5 March 2014
Date of First Issue

Appendix to Certificate No: 1199a-(cl-1)   Issue: 04

Carrier Fire & Security B.V.

Certified Product	Description	LPCB Ref.No.
	ZP2-D-E-TP-S Translucent door option for small cabinet	
	Note: Compatible with the following CIE - ZP2-F1-SC	
2X-FR-SCFB 2X-FR-SCFB-S	Intelligent Analogue Addressable Control and Indicating Equipment Repeater with SS3654 Fire Brigade Controls with Scandinavian Key Switch 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 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-FS-EOL Fault Supervision End of Line unit Note:	1199a/R05

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd	E.Mattie-Suleiman Verifier	14 March 2023 Date of Issue	5 March 2014 Date of First Issue

Appendix to Certificate No: 1199a-(cl-1)   Issue: 04

Carrier Fire & Security B.V.

Certified Product	Description	LPCB Ref.No.
	Compatible with the following CIE - 2X-F1-SCFB	
KFP-A-FR-SCFB KFP-A-FR-SCFB-S	Intelligent Analogue Addressable Control and Indicating Equipment Repeater with SS3654 Fire Brigade Controls with Scandinavian Key Switch 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) 2010-FS-EOL — Fault Supervision End of Line unit Note: Compatible with the following CIE - KFP-AF1-SCFB	1199a/R05

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd

E.Mattie-Suleiman
Verifier

14 March 2023
Date of Issue

5 March 2014
Date of First Issue

LPCB®

Appendix to Certificate No: 1199a-(cl-1)   Issue: 04

Carrier Fire & Security B.V.

Certified Product	Description	LPCB Ref.No.
ZP2-FR-SCFB ZP2-FR-SCFB-S	Intelligent Analogue Addressable Control and Indicating Equipment Repeater with SS3654 Fire Brigade Controls with Scandinavian Key Switch 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.	1199a/R05

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd	E.Mattie-Suleiman Verifier	14 March 2023 Date of Issue	5 March 2014 Date of First Issue