

BRE Global

UK Approved Body No. 0832

BRE Global Limited
Bucknalls Lane, Garston, Watford,
Hertfordshire, UK, WD25 9XX
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Certificate of UKCA approval constancy of performance 0832-UKCA-CPR-F0987

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

1X-E4, 1X-E4-NL Conventional Four Zone Control and Indicating Equipment

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

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

Carrier Fire & Security BV
Kelvinstraat 7
NL-6003 DH
Weert
Netherlands

Carrier Manufacturing Poland Spółka Z o.o.
ul. Kolejowa 24
Ropczyce
39-100
Poland

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

EN 54-2:1997 + A1:2006 - Control and indicating equipment
EN 54-4:1997 + A1:2002 + A2:2006 - Power supply equipment

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

the constancy of performance of the construction product.

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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the approved product certification body.



E Mattie-Suleiman, Technical Development Director

On behalf of BRE Global Limited

Date of First Issue: 21 December 2022

Issue Date: 21 December 2022

Issue Number: 01

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APPENDIX to Certificate of constancy of performance: 0832-UKCA-CPR-F0987

1X-E4, 1X-E4-NL Conventional Four Zone Control and Indicating Equipment

Incorporating the following units:

| | |
|------------|--------------------------------------------|
| 1X-E4-MB | Main control board |
| 2010-1-RB | Optional relay board |
| 2010-1-SB | Expander I/O board |
| 2010-1-NB | Optional Network board |
| 2010-PS-40 | 4A Power Supply (using LRS-100-24) |
| 2010-1-AC | Alarm Counter (Applicable to 'NL' variant) |

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
- 7.11 Delays to outputs
- 7.13 Alarm counter (Applicable to 'NL' variant only)
- 8.4 Total loss of the power supply
- 10 Test condition

Also certified with the following options with requirements from EN 54-2 when configured in the NEN operating mode:

- 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
- 7.11 Delays to outputs - Applicable to fire alarm routing equipment only
- 7.13 Alarm counter (Applicable to 'NL' variant only)
- 8.4 Total loss of the power supply
- 8.9 Output to fault warning routing equipment
- 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 approval does not include the operation of the network functionality.
- 3) Available with the following language kits:



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1X-E4, 1X-E4-NL Conventional Four Zone Control and Indicating Equipment

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



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