

## BRE Global Ireland

**Notified Body No. 2831**

BRE Global Assurance (Ireland) Limited  
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Ireland

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## Certificate of constancy of performance

### 2831-CPR-F0512

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

#### 1X-E4, 1X-E4-NL Conventional 4 Zone Control and Indicating Equipment

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

Placed on the market under the name or trade mark of:

**Carrier Fire & Security B.V.**  
Kelvinstraat 7  
NL-6003 DH  
Weert  
Netherlands

and produced in the manufacturing plant(s):

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

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

**EN 54-2:1997 + A1:2006 - Control and indicating equipment**

**EN 54-4:1997 + A1:2002 + A2:2006 - Power supply equipment**

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

### the constancy of performance of the construction product.

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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.



P. Halligan, Certification Engineer

Date of First Issue: 23 October 2019

Date of Issue: 9 May 2022

On behalf of BRE Global Assurance (Ireland) Limited

Issue number 2

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

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### APPENDIX to Certificate of constancy of performance: 2831-CPR-F0512

#### 1X-E4, 1X-E4-NL Conventional 4 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 using LRS-100-24	4A Power Supply
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

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:

01 Dutch (NL) The Netherlands, 02 French (FR) France, 03 English (UK) United Kingdom and Ireland, 04 German (DE) Germany, 05 Norwegian Norway, 06 Swedish Sweden, 07 Danish (DK) Denmark, 08 English



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(AU) Australia, 09 Spanish Spain, 10 Italian Italy, 11 Dutch (BE) Belgium, 12 Irish Ireland, 13 German (AU) German (Austria), 14 Greek Greece, 15 Arabic Middle East, 17 English (US) United States of America, 18 Polish Poland, 19 Turkish Turkey, 20 Czech Czech Republic, 21 Portuguese Portugal, 22 Hungarian Hungary, 23 Danish (IC) Iceland, 24 Slovakian Slovak Republic, 25 Russian Russia, 27 Lithuanian Lithuania, 28 Finnish Finland, 29 German (SW) Switzerland, 30 Estonian Estonia, 31 Latvian Latvia, 32 French (BE) Belgium, 33 French (SW) Switzerland, 34 Italian (SW) Switzerland, 36 French (Int) International French, 40 Bulgarian Bulgaria, 41 Belarusian Belarus, 43 Ukrainian Ukraine, 44 Serbian Serbia, 45 Romanian (RO) Romania, 46 German (Int) International German, 48 Croatian Croatia, 49 Macedonian Macedonia, 50 Slovenian Slovenia, 51 Hebrew Israel, 71 Catalan Catalonia (Spain), 80 Chinese China, 99 English (Int) International English

*P. Halligan*

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