

# CERTIFICATE OF CONSTANCY OF PERFORMANCE

LGAI Technological Center, S.A. (APPLUS)  
Notified Body Nr. 0370

No. **0370-CPR-1527**

In compliance with Regulation (EU) Nr.305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product:

## FIRE DETECTION AND FIRE ALARM SYSTEMS:

- CONTROL AND INDICATING EQUIPMENT
- POWER SUPPLY EQUIPMENT

– **FIXED FIREFIGHTING SYSTEMS.** COMPONENTS FOR GAS EXTINGUISHING SYSTEMS.

MODELS: **1X-X3E & 1X-X3E-SC (SCANDINAVIAN KEY). ARITECH.** CONVENTIONAL PANEL WITH 3 FIRE ZONES AND 1 EXTINGUISHING AREA

Placed on the market under the name of:

## CARRIER FIRE & SECURITY B.V.

KELVINSTRAAT, 7  
6003 DH WEERT (NETHERLANDS)

And produced in the manufacturing plant:

## CARRIER MANUFACTURING POLAND SPÓŁKA Z O. O.

UL. KOLEJOWA, 24, 39-100 ROPCZYCE (POLAND)

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standards:

**EN 54-2:1997, EN 54-2:1997/A1:2006, EN 54-2:1997/AC:1999; EN 54-4:1997,  
EN 54-4:1997/AC:1999, EN 54-4:1997/A1:2002, EN 54-4:1997/A2:2006; EN 12094-1:2003**

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 2<sup>nd</sup> August 2013 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body. As of 1<sup>st</sup> June 2023, this and all previous modifications are confirmed.

**The monitoring assessment will be done before 31<sup>st</sup> July 2024**

Bellaterra, 1<sup>st</sup> June 2023

  
LGAI Technological Center, S.A.

Xavier Ruiz Peña  
Managing Director, Product Conformity B.U.



*This document is not valid without its technical annex; whose number coincides with that of the certificate.*

*You can check the validity of this certificate on our website: [www.appluslaboratories.com/certified\\_products](http://www.appluslaboratories.com/certified_products)*

The manufacturer, after the completion of the conformity assessment procedures and the declaration of performance, may affix the CE Marking under his responsibility



## 0370-CPR-1527

COMMERCIAL PART NUMBER	DESCRIPTION
<b>1X-X3E-LK-01</b>	3 Zone EXT1 Language Kit - Dutch
<b>1X-X3E-LK-02</b>	3 Zone EXT1 Language Kit - French
<b>1X-X3E-LK-03</b>	3 Zone EXT1 Language Kit - English (UK)
<b>1X-X3E-LK-04</b>	3 Zone EXT1 Language Kit - German
<b>1X-X3E-LK-05</b>	3 Zone EXT1 Language Kit - Norwegian
<b>1X-X3E-LK-06</b>	3 Zone EXT1 Language Kit - Swedish
<b>1X-X3E-LK-07</b>	3 Zone EXT1 Language Kit - Danish
<b>1X-X3E-LK-09</b>	3 Zone EXT1 Language Kit - Spanish
<b>1X-X3E-LK-10</b>	3 Zone EXT1 Language Kit - Italian
<b>1X-X3E-LK-11</b>	3 Zone EXT1 Language Kit - Belgian Dutch
<b>1X-X3E-LK-14</b>	3 Zone EXT1 Language Kit – Greek
<b>1X-X3E-LK-15</b>	3 Zone EXT1 Language Kit – Arabic
<b>1X-X3E-LK-18</b>	3 Zone EXT1 Language Kit - Polish
<b>1X-X3E-LK-19</b>	3 Zone EXT1 Language Kit - Turkish
<b>1X-X3E-LK-20</b>	3 Zone EXT1 Language Kit - Czech
<b>1X-X3E-LK-21</b>	3 Zone EXT1 Language Kit - Portuguese
<b>1X-X3E-LK-22</b>	3 Zone EXT1 Language Kit - Hungarian
<b>1X-X3E-LK-24</b>	3 Zone EXT1 Language Kit - Slovakian
<b>1X-X3E-LK-25</b>	3 Zone EXT1 Language Kit - Russian
<b>1X-X3E-LK-27</b>	3 Zone EXT1 Language Kit - Lithuanian
<b>1X-X3E-LK-28</b>	3 Zone EXT1 Language Kit - Finish
<b>1X-X3E-LK-30</b>	3 Zone EXT1 Language Kit - Estonian
<b>1X-X3E-LK-31</b>	3 Zone EXT1 Language Kit - Latvian
<b>1X-X3E-LK-32</b>	3 Zone EXT1 Language Kit - Belgian French
<b>1X-X3E-LK-36</b>	3 Zone EXT1 Language Kit – French (international)
<b>1X-X3E-LK-40</b>	3 Zone EXT1 Language Kit - Bulgarian
<b>1X-X3E-LK-44</b>	3 Zone EXT1 Language Kit – Servian (latin)
<b>1X-X3E-LK-45</b>	3 Zone EXT1 Language Kit - Romanian
<b>1X-X3E-LK-46</b>	3 Zone EXT1 Language Kit - German (international)
<b>1X-X3E-LK-48</b>	3 Zone EXT1 Language Kit - Croatian
<b>1X-X3E-LK-50</b>	3 Zone EXT1 Language Kit - Slovene
<b>1X-X3E-LK-51</b>	3 Zone EXT1 Language Kit - Hebrew
<b>1X-X3E-LK-71</b>	3 Zone EXT1 Language Kit - Catalan
<b>1X-X3E-LK-99</b>	3 Zone EXT1 Language Kit - English (International)

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Annexes according to **EN 54-2:1997, EN 54-2:1997/A1:2006, EN 54-2:1997/AC:1999**

### **FIRE DETECTION AND FIRE ALARM SYSTEMS. PART 2: CONTROL AND INDICATING EQUIPMENT**

ESSENTIAL CHARACTERISTICS	CLAUSES IN THIS EUROPEAN STANDARD	MANDATED LEVEL(S) OR CLASS(ES)
General requirements	4.	PASS
General requirements for indications	5.	PASS
The quiescent condition	6.	PASS
The fire alarm condition	7.	PASS
Fault warning condition	8.	PASS
Disabled condition	9.	PASS
Test condition (option with requirements)	10.	PASS
Standardized input/output interface (option with requirements)	11.	PASS
Design requirements	12.	PASS
Additional design requirements for software controlled control and indicating equipment	13.	PASS
Marking	14.	PASS
Cold (operational)	15.4	PASS
Damp heat, steady state (operational)	15.5	PASS
Impact (operational)	15.6	PASS
Vibration, sinusoidal (operational)	15.7	PASS
Electromagnetic Compatibility (EMC)	15.8	PASS
Supply voltage variation (operational)	15.13	PASS
Damp heat, steady state (endurance)	15.14	PASS
Vibration, sinusoidal (endurance)	15.15	PASS

PASS; NPD = No Performance Determined, NA = Not Apply

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Annexes according to **EN 54-4:1997, EN 54-4:1997/AC:1999, EN 54-4:1997/A1:2002, EN 54-4:1997/A2:2006**

### FIRE DETECTION AND FIRE ALARM SYSTEMS. PART 4: POWER SUPPLY EQUIPMENT

ESSENTIAL CHARACTERISTICS	CLAUSES IN THIS EUROPEAN STANDARD	MANDATED LEVEL(S) OR CLASS(ES)
General requirements	4.	PASS
Functions	5.	PASS
Materials, design and manufacture	6.	PASS
Documentation	7.	PASS
Marking	8.	PASS
Cold (operational)	9.5	PASS
Damp Heat, steady state (operational)	9.6	PASS
Impact (operational)	9.7	PASS
Vibration, sinusoidal (operational)	9.8	PASS
Electrostatic discharges (operational)	9.9	PASS
Damp heat, steady state (endurance)	9.14	PASS
Vibration, sinusoidal (endurance)	9.15	PASS

PASS; NPD = No Performance Determined, NA = Not Apply

Annexes according to **EN 12094-1:2003**

**FIXED FIREFIGHTING SYSTEMS. COMPONENTS FOR GAS EXTINGUISHING SYSTEMS. PART 1: REQUIREMENTS AND TEST METHODS FOR ELECTRICAL AUTOMATIC CONTROL AND DELAY DEVICES.**

ESSENTIAL CHARACTERISTICS	CLAUSES IN THIS EUROPEAN STANDARD	MANDATED LEVEL(S) OR CLASS(ES)
Functional requirements	4.	PASS CLASS A
Design requirements	5.	PASS
Additional design requirements for software controlled for electrical automatic control and delay devices	6.	PASS
Marking	7.	PASS
Documentation	8.	PASS
Performance test	9.1	PASS
Functional tests	9.2.	PASS
Ambiental tests	9.3.	PASS
Damp heat, Cyclic (operational)	9.4.	CLASS A - NA
SO <sub>2</sub> corrosion (endurance)	9.5.	CLASS A - NA

PASS; NPD = No Performance Determined, NA = Not Apply