

# CERTIFICATE OF CONSTANCY OF PERFORMANCE

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

No. **0370-CPR-6131**

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 SYSTEM. MANUAL CALL POINTS**

INTELLIGENT CONVENTIONAL MANUAL CALL POINT

MODEL: **NC-MCX-XXX-R** TRADEMARK: **ACTIVSENSE**

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 SAFETY SYSTEM (HEBEI) CO., LTD.**

No. 80 CHANGJIANG EAST ROAD, QETDZ, QINHUANGDAO, HEBEI, CHINA 066004

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

**EN 54-11:2001, EN 54-11:2001/A1:2005**

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 5<sup>th</sup> November 2021 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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 8<sup>th</sup> September 2023, this and all previous modifications are confirmed.

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

Bellaterra, 8<sup>th</sup> September 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

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Annex according to **EN 54-11:2001, EN 54-11:2001/A1:2005**

### Fire detection and fire alarm system. Part 11: manual call points

ESSENTIAL CHARACTERISTICS	CLAUSES IN THIS EUROPEAN STANDARD	MANDATED LEVEL(S) OR CLASS(ES)	
		Indoor	Outdoor
Marking and data	4.2	PASS – TYPE A	PASS – TYPE A
Normal condition	4.3.1	PASS	PASS
Alarm condition	4.3.2	PASS	PASS
Indicators for alarm condition	4.4	PASS	PASS
Reset facility	4.5	PASS	PASS
Test facility	4.6	PASS	PASS
Shape, dimensions and colours	4.7.2	PASS	PASS
Symbols and lettering	4.7.3	PASS	PASS
Protection against accidental operation	4.7.4	NA	NA
Environment category	4.7.5	PASS	PASS
Additional requirements for software controlled manual call points	4.8	NA	NA
Operational performance test	5.2	PASS	PASS
Function test	5.3	PASS	PASS
Test facility test (operational)	5.4	PASS	PASS
Reliability test (endurance)	5.5	PASS	PASS
Variation of supply parameters	5.6	PASS	PASS
Dry heat (operational)	5.7	PASS	PASS
Dry heat (endurance)	5.8	NA	PASS
Cold (operational)	5.9	PASS	PASS
Damp heat, cyclic (operational)	5.10	PASS	PASS
Damp heat, cyclic (endurance)	5.11	NA	PASS
Damp heat, steady state (endurance)	5.12	PASS	PASS
SO2 corrosion (endurance)	5.13	PASS	PASS
Shock (operational)	5.14	PASS	PASS
Impact (operational)	5.15	PASS	PASS
Vibration, sinusoidal (operational)	5.16	PASS	PASS
Vibration, sinusoidal (endurance)	5.17	PASS	PASS
Electromagnetic compatibility (EMC) (operational)	5.18	PASS	PASS
Enclosure protection	5.19	NA	PASS

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

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MANUAL CALLPOINT		
NC-MC-0-R	INDOOR	Intelligent Conventional Manual Call Point - 0 $\Omega$ (RED)
NC-MC-100-R	INDOOR	Intelligent Conventional Manual Call Point - Swedish 100 $\Omega$ (RED)
NC-MC-470-R	INDOOR	Intelligent Conventional Manual Call Point - 470 $\Omega$ (RED)
NC-MC-560-R	INDOOR	Intelligent Conventional Manual Call Point - 560 $\Omega$ (RED)
NC-MCS06-560-R	INDOOR	Intelligent Conventional Manual Call Point - Swedish 560 $\Omega$ (RED)
NC-MCS18-560-R	INDOOR	Intelligent Conventional Manual Call Point - Polish 560 $\Omega$ (RED)
NC-MC-IP-100-R	OUTDOOR	Intelligent Conventional Weatherproof Manual Call Point - 100 $\Omega$ (RED)
NC-MC-IP-560-R	OUTDOOR	Intelligent Conventional Weatherproof Manual Call Point - 560 $\Omega$ (RED)