

CERTIFICATE OF CONSTANCY OF PERFORMANCE

Notified Body Nr. 0370

No.

0370-CPR-2100

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. INPUT / OUTPUT DEVICES

MODEL: **KAL710**

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 standard:

EN 54-18:2005; EN 54-18:2005/AC:2007

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 4th May 2015 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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 5th August 2022, this and all previous modifications are confirmed.

The monitoring assessment will be done before 31st July 2023

Bellaterra, 5th August 2022


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

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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Annexes according to **EN 54-18:2005; EN 54-18:2005/AC:2007**

FIRE DETECTION AND FIRE ALARM SYSTEMS. PART 18: INPUT / OUTPUT DEVICES

ESSENTIAL CHARACTERISTICS	CLAUSES IN THIS EUROPEAN STANDARD	MANDATED LEVEL(S) OR CLASS(ES)
Functional test	5.1.4.	PASS
Performance and variation in supply parameters	5.2	PASS
Dry heat (operational)	5.3	PASS
Cold (operational)	5.4	PASS
Damp heat, cyclic (operational)	5.5	PASS
Damp heat, steady state (endurance)	5.6	PASS
Sulphur dioxide (SO ₂) corrosion (endurance)	5.7	PASS
Shock (operational)	5.8	PASS
Impact (operational)	5.9	PASS
Vibration, sinusoidal (operational)	5.10	PASS
Vibration, sinusoidal (endurance)	5.11	PASS
Electromagnetic Compatibility (EMC) Immunity tests	5.12	PASS

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