

CERTIFICATE OF CONSTANCY OF PERFORMANCE

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

No.

0370-CPR-2410

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. HEAT DETECTORS. POINT DETECTORS.

MODEL: **ARITECH DT2063N**

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 54-5:2017+A1:2018

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 27th May 2016 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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 8th September 2023, this and all previous modifications are confirmed.

The monitoring assessment will be done before 31st July 2024

Bellaterra, 8th 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

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 54-5:2017+A1:2018**

FIRE DETECTION AND FIRE ALARM SYSTEM. PART 5: HEAT DETECTORS. POINT DETECTORS.

ESSENTIAL CHARACTERISTICS	CLAUSES IN THIS EUROPEAN STANDARD	MANDATED LEVEL(S) OR CLASS(ES)
Heat response categories	4.1.1.	A2R
Position of heat sensitive elements	4.1.2.	PASS
Individual alarm indication	4.2.2.	PASS
Connection of ancillary devices	4.2.3.	PASS
Monitoring of detachable detectors	4.2.4.	PASS
Manufacturer's adjustments	4.2.5.	PASS
On-site adjustment of response behaviour	4.2.6.	PASS
Software controlled detector (when provided)	4.2.7.	PASS
Directional dependence	4.3.1.	PASS
Static response temperature	4.3.2.	PASS
Response times from typical application temperature	4.3.3.	PASS
Response times from 25 °C	4.3.4.	NA
Response times from high ambient temperature	4.3.5.	PASS
Reproducibility	4.3.6.	PASS
Additional tests for suffix S detectors	4.4.1.	NA
Additional tests for suffix R detectors	4.4.2.	PASS
Variation in supply parameters	4.5.1.	PASS
Cold (operational)	4.6.1.1.	PASS
Dry heat (endurance)	4.6.1.2.	NA
Damp heat, cyclic (operational)	4.6.2.1.	PASS
Damp heat, steady state (endurance)	4.6.2.2.	PASS
Sulphur dioxide (SO ₂) corrosion (endurance)	4.6.3.	PASS
Shock (operational)	4.6.4.1.	PASS
Impact (operational)	4.6.4.2.	PASS
Vibration, sinusoidal (operational)	4.6.4.3.	PASS
Vibration, sinusoidal (endurance)	4.6.4.4.	PASS
Electromagnetic compatibility (EMC), immunity tests (operational)	4.6.5.	PASS

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

INCLUDED MOUNTING BASES:
DB2002
DB2002U
DB2004
DB2016
DB2368IAS-W
DB2368IAS-R