



Constancy of Performance Certificate

LGAI Technological Center S.A. (APPLUS), Notified Body No. 0370, issues this certificate to:

APPLICANT

Placed on the market under the name of

KGS Fire & Security B.V.

Kelvinstraat, 7
6003 DH Weert (The Netherlands)

Manufactured at the production plant

Dongguan Fyrnetics Co., Ltd.

No. 1 Rongwen Road, Changan Dongguan, Guangdong, China, 523842

PRODUCT

Fire detection and fire alarm systems

- Heat detectors – point heat detectors
- Short-circuit isolators

Model: KE-DT3101W-HAB Intelligent addressable class A/B heat detector with integrated short circuit isolator (white)

Brand: KIDDE COMMERCIAL

APPLICABLE REGULATION

Construction Product Regulation (CPR)

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011

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

EN 54-5:2017+A1:2018; EN 54-17:2005, EN 54-17:2005/AC:2007

Under **system 1** for the performance set out in this certificate are applied and the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

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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No. 0370-CPR-6842

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First issue date: 24/11/2023

Modification date: 21/11/2025

Follow-up date: before 30/11/2026

The validity of this certificate remains in effect as long as the harmonised standard, the construction product, the AVCP methods, and the manufacturing conditions at the plant are not significantly modified, unless the certificate is suspended or withdrawn by the notified product certification body.

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

Xavier Ruiz Peña
Managing Director
Conformity Assessment



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Check the status
of this certificate

Certificate

Technical Annex

Annex 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, A2S & BR Pass
Position of heat sensitive elements	4.2.1.	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.	Pass
Response times from high ambient temperature	4.3.5.	Pass
Reproducibility	4.3.6.	Pass
Additional tests for suffix S detectors	4.4.1.	Pass
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

Annex according to EN 54-17:2005, EN 54-17:2005/AC:2007

Fire detection and fire alarm systems. Part 17: short-circuit isolators

Essential characteristics	Clauses in this European standard	Mandated level(s) or class(es)
Compliance	4.1	Pass
Integral status indication	4.2	Pass
Connection of ancillary devices	4.3	Pass
Monitoring of detachable short-circuit isolators	4.4	Pass
Manufacturer's adjustments	4.5	Pass
On-site adjustments	4.6	NA
Marking	4.7	Pass
Data	4.8	Pass
Additional requirements for software controlled short-circuit isolators	4.9	Pass
Reproducibility	5.2	Pass
Variation in supply voltage	5.3	Pass
Dry heat (operational)	5.4	Pass
Cold (operational)	5.5	Pass
Damp heat, cyclic (operational)	5.6	Pass
Damp heat, steady state (endurance)	5.7	Pass
Sulphur dioxide (SO ₂) corrosion (endurance)	5.8	Pass
Shock (operational)	5.9	Pass
Impact (operational)	5.10	Pass
Vibration, sinusoidal (operational)	5.11	Pass
Vibration, sinusoidal (endurance))	5.12	Pass
Electromagnetic Compatibility (EMC), Immunity tests (operational)	5.13	Pass

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

Accessories	
KE-DB3010W & KE-DB3010B	Intelligent Addressable Detector Standard mounting base (white & black)
KE-DBA-RECW	Recess accessory for standard mounting base (white)
KE-DBA-IPW	Intelligent Addressable Detector IP mounting base (white)
KE-DBA-SKTW	Trim skirt accessory for standard mounting base (white)
KE-DBA-AUXW	Deep accessory for standard mounting base (white)
KE-DBA-ADPW-ZIT	Intelligent Addressable Base Accessory - Ziton Adapter Base (White)
KE-DBA-ADPW-KIL	Intelligent Addressable Base Accessory - Kilsen Adapter Base (White)
KE-DBA-ADPW-ARI	Intelligent Addressable Base Accessory - Aritech Adapter Base (White)