



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

KGS Safety System (Hebei) Co., Ltd.

No. 80 Changjiang East Road, QETDZ, Qinhuangdao, Hebei, China 066004

PRODUCT

Fire detection and fire alarm systems

- Input/Output devices.
- Short-circuit isolators.

Model: KE-IU3110 / KE-IU3010

Trademark: 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 54-17:2005, EN 54-17:2005/AC:2007; EN 54-18:2005, EN 54-18:2005/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.

No. 0370-CPR-6987

Date issued: 08/05/2026

First issue date: 07/12/2023

Modification date: 08/05/2026

Follow-up date: before 31/07/2026

The validity of this certificate remains valid as long as the harmonised standard, the construction product, the EVCP methods and the manufacturing conditions at the plant are not significantly modified, unless suspended or withdrawn by the notified product certification body.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 54-17:2005, 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	NA
Monitoring of detachable short-circuit isolators	4.4	NA
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

Annex according to EN 54-18:2005, EN 54-18:2005/AC:2007

Fire detection and fire alarm system. 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	NA
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

Commercial code	Description
KE-IU3110	Intelligent Addressable Input Unit - 1 Input (White)
KE-IU3010	Intelligent Addressable Input Unit - 1 Input (White) without isolator