



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 Manufacturing Poland Spółka Z O. O.

Ul. Kolejowa, 24, 39-100 Ropczyce (Poland)

PRODUCT

Fire detection and fire alarm systems

- Control and indicating equipment
- Power supply equipment
- Alarm transmission and fault warning routing equipment

Model: 2X-A & 2X-AT Large cabinet control panels with up to 6 A output, with KIDDE Excellence and ARITECH protocols **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 54-2:1997, EN 54-2:1997/AC:1999, EN 54-2:1997/A1:2006; EN 54-4:1997, EN 54-4:1997/AC:1999, EN 54-4:1997/A1:2002, EN 54-4:1997/A2:2006; EN 54-21:2006

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-6472

Date issued: 23/01/2026

First issue date: 30/09/2022

Modification date: 23/01/2026

Follow-up date: before 31/07/2026

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the AVCP methods and the manufacturing conditions at the plant are not significantly modified, unless suspended or withdrawn by the notified product certification body.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



LGAI Technological Center S.A. (APPLUS)

Notified Body No. 0370

Campus UAB. Ronda de la Font del Carme s/n
08193 Bellaterra, Barcelona (Spain)



Check the status
of this certificate

Certificate

Technical Annex

Annex according to EN 54-2:1997, EN 54-2:1997/AC:1999, EN 54-2:1996/A1:2006

Fire detection and fire alarm systems. Part 2: control and indicating equipment

Essential characteristics	Clauses in this European standard	Mandated level(s) or class(es)
General requirements	4.	Pass
General requirements for indications	5.	Pass
The quiescent condition	6.	Pass
The fire alarm condition	7.	Pass
Reception and processing of fire signals (see also annex C)	7.1	Pass
Output of the fire alarm condition	7.7	Pass
Output to fire alarm devices (option with requirements)	7.8	Pass ¹
Output to fire alarm routing equipment (option with requirements)	7.9.1	Pass ²
Alarm confirmation input from fire alarm routing equipment (option with requirements)	7.9.2	Pass ²
Outputs to fire protection equipment (options with requirements)	7.10	Pass ³
Outputs to fire protection equipment (options with requirements) - Output type A	7.10.1	Pass ³
Outputs to fire protection equipment (options with requirements) - Output type B	7.10.2	Pass ³
Outputs to fire protection equipment (options with requirements) - Output type C	7.10.3	Pass ³
Fault monitoring of fire protection equipment (option with requirements)	7.10.4	Pass ³
Delays to outputs (option with requirements)	7.11	Pass ⁴
Dependencies on more than one alarm signal. Type A (options with requirement)	7.12.1	Pass ⁴
Dependencies on more than one alarm signal. Type B (option with requirements)	7.12.2	Pass ⁴
Dependencies on more than one alarm signal. Type C (options with requirement)	7.12.3	Pass ⁴
Alarm counter (option with requirements)	7.13	Pass
Fault warning condition (see also annex F)	8.	Pass
Fault signals from points (option with requirements)	8.3	NA

¹ Excluding repeaters and control panels operating in EN 54-2 Evacuation mode or NBN mode.

² Excluding repeaters, control panels without fire routing, and control panels with fire routing operating in NBN mode.

³ Excluding repeaters and control panels without fire protection controls.

⁴ Excluding repeaters.

Essential characteristics	Clauses in this European standard	Mandated level(s) or class(es)
Total loss of the power supply (option with requirements)	8.4	Pass
Output to fault warning routing Equipment (option with requirements)	8.9	Pass
Disabled condition	9.	Pass
Disabling of addressable points (option with requirements)	9.5	Pass ⁴
Test condition (option with requirements)	10.	Pass ⁴
Standardized input/output interface (option with requirements –see also annex G)	11.	NA
Design requirements	12.	Pass
Additional design requirements for software controlled control and indicating equipment	13.	Pass
Marking	14.	Pass
Cold (operational)	15.4	Pass
Damp heat, steady state (operational)	15.5	Pass
Impact (operational)	15.6	Pass
Vibration, sinusoidal (operational)	15.7	Pass
Electromagnetic Compatibility (EMC)	15.8	Pass
Supply voltage variation (operational)	15.13	Pass
Damp heat, steady state (endurance)	15.14	Pass
Vibration, sinusoidal (endurance)	15.15	Pass

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

Annex according to EN 54-4:1997, EN 54-4:1997/AC:1999, EN 54-4:1997/A1:2002, EN 54-4:1997/A2:2006

Fire detection and fire alarm systems. Part 4: power supply equipment

Essential characteristics	Clauses in this European standard	Mandated level(s) or class(es)
General requirements	4.	Pass
Functions	5.	Pass
Materials, design and manufacture	6.	Pass
Documentation	7.	Pass
Marking	8.	Pass
Cold (operational)	9.5	Pass
Damp Heat, steady state (operational)	9.6	Pass
Impact (operational)	9.7	Pass
Vibration, sinusoidal (operational)	9.8	Pass
Electrostatic discharges (operational)	9.9	Pass
Damp heat, steady state (endurance)	9.14	Pass
Vibration, sinusoidal (endurance)	9.15	Pass

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

Annex according to EN 54-21:2006

Fire detection and fire alarm systems. Part 21: alarm transmission and fault warning routing equipment

Essential characteristics	Clauses in this European standard	Mandated level(s) or class(es)
General requirements	4.	Pass
Functional requirements	5.	Pass
Design requirements	7.	Pass
Marking	8.	Pass
Power supply	9.	Pass
Cold (operational)	10.4	Pass
Damp heat, steady state (operational)	10.5	Pass
Impact	10.6	Pass
Vibration, sinusoidal (operational)	10.7	Pass
Electromagnetic (EMC) immunity tests (operational)	10.8	Pass
Supply voltage variation	10.9	Pass
Damp heat, steady state (endurance)	10.10	Pass
Vibration, sinusoidal (endurance)	10.11	Pass

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

The control and Indicating Equipment 2X-A, 2X-AT Large cabinet up to 6 A output series also includes:

Main Board:	2010-2MB-HP (1 Loop) 2010-2MB-HP (2 Loop) 2010-2MB-HP
Loop Board:	2X-A-LB
Communication Boards:	2010-2-NB Network Printed Circuit Board 2010-2-DACT Comm transmitter (applies only when the alarm transmission and fault warning routing equipment is installed) (*) The 2010-2-DACT Digital Alarm Communicator Transmitter (DACT) expansion board is not compatible for installation in 2X-AT control panels.
Zone indicator:	2010-2A-ZI-20 (20 Zone) 2010-2A-ZI-40 (40 Zone)
RS232 Kit:	2010-2-232-KIT
Translucent door:	2010-2A-D-TP.101 Transparent front cover
Fault Supervision Board:	2010FS
Auxiliary boards and modules:	2010-2-PIB-8I8O card 2010-SK Scandinavian key and lock assembly (for -SC variants) 2010-2-PS-C2 UK mains cable 2010-2-PIB Peripheral Interface Board (Germany) 2010-2-PIB-8O Peripheral Interface Board 8 outputs 2010-2-PIB-8I Peripheral Interface Board 8 inputs 2010-2-PIB-8I8O Peripheral Interface Board 8 outputs and 8 inputs ADP-N3E-U IFAM interface card (master) ADP-N3S interface card (slave)
PSU:	ELC-MPSU5-24150 PSU,6.5A,24V,150W, MEANWELL with 12V, 7.2 Ah, 12V, 9 Ah, 12 V, 12 Ah, 12 V, 18 Ah batteries.
Accessories:	2010-2AT-D ADDR FIRE PNL COMP – TOUCH DOOR W/ UI W/ FB CTRL, 2010-2AT-D-FB ADDR FIRE PNL COMP – TOUCH DOOR W/ UI

And the following variants:

2X-AE1	One-loop addressable fire and evacuation alarm control panel
2X-AF1	One-loop addressable fire alarm control panel
2X-AF1-FB	One-loop addressable fire alarm control panel with fire routing and fireprotection controls
2X-AF1-SCFB	One-loop addressable SS 3654 fire alarm control panel with fire routingand fire protection controls [1]
2X-AE2	Two-loop addressable fire and evacuation alarm control panel
2X-AF2	Two-loop addressable fire alarm control panel
2X-AF2-PRT	Two-loop addressable fire alarm control panel with internal printer
2X-AF2-FB	Two-loop addressable fire alarm control panel with fire routing and fireprotection controls
2X-AF2-FB-PRT	Two-loop addressable fire alarm control panel with fire routing and fireprotection controls and internal printer
2X-AF2-SCFB	Two-loop addressable SS 3654 fire alarm control panel with fire routingand fire protection controls [1]
2X-AFR	Addressable fire alarm repeater panel
2X-AFR-FB	Addressable fire alarm repeater panel with fire routing and fireprotection controls

[1] Includes a fireman's key.

2X-AT-F2	Two-loop addressable fire alarm control panel
2X-AT-F2-FB	Two-loop addressable fire alarm control panel with fire routing and fireprotection controls
2X-AT-FR	Addressable fire alarm repeater panel
2X-AT-FR-FB	Addressable fire alarm repeater panel with fire routing and fireprotection controls