



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

Detnov Security, S.L.

C/ De La Ciència, 30
08840 Viladecans (Barcelona) Spain

Produced at the manufacturing plant

C/ De La Ciència, 30
08840 Viladecans (Barcelona) Spain

PRODUCT

Fire detection and fire alarm system

- Manual call points
- Short-circuit isolators

Model: MAD-451-I (Addressable manual call point for indoor use with short circuit isolator)

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 standard:

EN 54-11:2001, EN 54-11:2001/A1:2005; 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.

No. 0370-CPR-3150

Date issued: 19/09/2025

First issue date: 03/12/2018

Follow-up date: before 30/09/2026

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and the manufacturing conditions at the plant are not significantly modified, unless the certificate is suspended or withdrawn by the notified product certification body.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



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 54-11:2001, EN 54-11:2001/A1:2005

Fire detection and fire alarm systems. Part 11: Manual call points

Essential characteristics	Clauses in this European Standard	Mandated level(s) or class(es)
Marking and data	4.2	Pass
Normal condition	4.3.1	Pass
Alarm condition	4.3.2	Pass
Indicators for alarm condition	4.4	Pass
Reset facility	4.5	Pass
Test facility	4.6	Pass
Shape, dimensions and colours	4.7.2	Pass
Symbols and lettering	4.7.3	Pass
Protection against accidental operation	4.7.4	Pass
Environment category	4.7.5	Pass
Additional requirements for software controlled manual call points	4.8	NA
Operational performance test	5.2	Pass
Function test	5.3	Pass
Test facility test (operational)	5.4	Pass
Reliability test (endurance)	5.5	Pass
Variation of supply parameters	5.6	Pass
Dry heat (operational)	5.7	Pass
Dry heat (endurance)	5.8	NA
Cold (operational)	5.9	Pass
Damp heat, cyclic (operational)	5.10	Pass
Damp heat, cyclic (endurance)	5.11	NA
Damp heat, steady state (endurance)	5.12	Pass
SO2 corrosion (endurance)	5.13	Pass
Shock (operational)	5.14	Pass
Impact (operational)	5.15	Pass
Vibration, sinusoidal (operational)	5.16	Pass
Vibration, sinusoidal (endurance)	5.17	Pass
Electromagnetic compatibility (EMC) (operational)	5.18	Pass
Enclosure protection	5.19	NA

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 system. 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	NA
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