

## 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

- Control and indicating equipment
- Power supply equipment

### Addressable control panels up to 32 loops:

CAD-250 / CAD-250 RED

(Addressable control panel up to 32 loops)

CAD-250-P / CAD-250-P RED

(Addressable control panel up to 32 loops with built-in printer)

### 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

Under **system 1** for the performance set out in this certificate are applied and the factory production control

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-3148

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and the manufacturing conditions at the plant are not significantly modified, unless the certificate is suspended or withdrawn by the notified product certification body.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

## Applus<sup>+</sup> certification

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
Fault warning condition (see also annex F)	8.	Pass
Disabled condition	9.	Pass
Test condition (option with requirements)	10.	Pass
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

Accessories	
CAD-250-B / CAD-250-B RED	Extension box up to 8 loops
CAD-250-LED / CAD-250-LED RED	Extension box with 500 zone leds
CAD-250-BAT / CAD-250-BAT RED	Extension box for batteries
TBUD-250	2 loops expansion card
CAD-250-BLED / CAD-250-BLED RED	Extension box up to 8 loops with 500 zone leds
TMBFI-252	Communication card
TMB-252	Communication card
CAD-250-R / CAD-250-R RED	Repeater

The use of ancillaries does not imply the compliance with the fire detection and alarm systems requirements of EN 54-13