

# CERTIFICATE OF CONSTANCY OF PERFORMANCE

LGAI Technological Center, S.A. (APPLUS)  
Notified Body Nr. 0370

No.

0370-CPR-3148

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product:

## FIRE DETECTION AND FIRE ALARM SYSTEMS. 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)

Placed on the market under the name of:

## DETNOV SECURITY, S.L.

C/ DE LA CIÈNCIA, 30  
08840 VILADECANS (BARCELONA) SPAIN

And produced in the manufacturing plant:

C/ DE LA CIÈNCIA, 30  
08840 VILADECANS (BARCELONA) SPAIN

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 54-2:1996/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 that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

This certificate was first issued on 3<sup>rd</sup> December 2018 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body. It is confirmed on 25<sup>th</sup> October 2024.

**The monitoring assessment will be done before 30<sup>th</sup> September 2025**

Bellaterra, 25<sup>th</sup> October 2024

  
LGAI Technological Center, S.A.

Xavier Ruiz Peña  
Managing Director, Product Conformity B.U.



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

*You can check the validity of this certificate on our website: [www.appluslaboratories.com/certified\\_products](http://www.appluslaboratories.com/certified_products)*

The manufacturer, after the completion of the conformity assessment procedures and the declaration of performance, may affix the CE Marking under his responsibility

## 0370-CPR-3148

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 Applicable

## 0370-CPR-3148

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

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