



Notified Body No. 0370

# CERTIFICATE



No. **0370-CPR-1416**

## CERTIFICATE OF CONSTANCY OF PERFORMANCE

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.

- **PART 2:** CONTROL AND INDICATING EQUIPMENT.
- **PART 4:** POWER SUPPLY EQUIPMENT.

### REFERENCES:

- |  |  |
|--|--|
| <b>CAD-150-1-MB</b> (1 loop addressable control panel)                 | <b>CAD-150-4-RACK-P</b> (4 loops addressable control panel with printer)         |
| <b>CAD-150-2-MB</b> (2 loops addressable control panel)                | <b>CAD-150-8</b> (4 up to 8 loops addressable control panel)                     |
| <b>CAD-150-2-MB-P</b> (2 loops addressable control panel with printer) | <b>CAD-150-8-P</b> (4 up to 8 loops addressable control panel with printer)      |
| <b>CAD-150-4</b> (4 loops addressable control panel)                   | <b>CAD-150-8-PLUS</b> (4 up to 8 loops addressable control panel)                |
| <b>CAD-150-4-P</b> (4 loops addressable control panel with printer)    | <b>CAD-150-8-PLUS-P</b> (4 up to 8 loops addressable control panel with printer) |
| <b>CAD-150-4-RACK</b> (4 loops addressable control panel)              |  |

### ACCESSORIES:

- |   |  |
|---|--|
| <b>CAD-150-4-BAT-S</b> (Battery box)                    | <b>CAD-150-4-RACK-R</b> (Addressable repeater control panel) |
| <b>CAD-150-4-BAT-L</b> (Battery box)                    | <b>CAD-150-8-R</b> (Addressable repeater control panel)      |
| <b>CAD-150-8-PLUS-BAT</b> (Battery box)                 | <b>CAD-150-8-PLUS-R</b> (Addressable repeater control panel) |
| <b>CAD-150-4-R</b> (Addressable repeater control panel) | <b>TBUD-150</b> (2 loops expansion card)                     |

Place 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 and the performances 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 are applied and that **the product fulfils all the prescribed requirements set out above.**

This certificate was first issued on 12<sup>th</sup> October 2012 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly. It is confirmed and modified on 13<sup>th</sup> September 2019.

**The monitoring assessment will be done before September 2020**

Bellaterra, 13<sup>th</sup> September 2019

  
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 the number of certificate*



**TECHNICAL ANNEX 0370-CPR-1416**

**CERTIFICATE OF CONSTANCY OF PERFORMANCE**

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

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



**TECHNICAL ANNEX 0370-CPR-1416**

**CERTIFICATE OF CONSTANCY OF PERFORMANCE**

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**

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

