



Notified Body No. 0370

CERTIFICATE



No. **0370-CPR-3151**

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 17: SHORT-CIRCUIT ISOLATORS**
- **PART 18: INPUT/OUTPUT DEVICES**

ADDRESSABLE INPUT/OUTPUT DEVICES WITH SHORT CIRCUIT ISOLATOR:

MAD-405-I (5 Inputs)

MAD-415-I (5 Outputs)

MAD-425-I (5 Inputs & 5 Outputs)

MAD-409-I (10 Inputs)

MAD-419-I (10 Outputs)

MAD-429-I (10 Inputs & 10 Outputs)

ACCESORIES:

BOX-ONE (Installation box)

BOX-SIX (Installation box)

Place on the market under the name of:

DETNOV SECURITY, S.L.

C/ DE LA CIÈNCIA, 30-32
08840 VILADECANS (BARCELONA)

And produced in the manufacturing plant:

C/ DE LA CIÈNCIA, 30-32
08840 VILADECANS (BARCELONA)

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 54-17:2005, EN 54-17:2005/AC:2007; EN 54-18:2005, EN 54-18:2005/AC:2007

under system 1 are applied and that **the product fulfils all the prescribed requirements set out above.**

This certificate was first issued on 3rd December 2018 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.

The monitoring assessment will be done before September 2019

Bellaterra, 3rd December 2018


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-3151

CERTIFICATE OF CONSTANCY OF PERFORMANCE

Annexes according to **EN 54-17, EN 54-17:2005/AC:2007**

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



TECHNICAL ANNEX 0370-CPR-3151

CERTIFICATE OF CONSTANCY OF PERFORMANCE

Annexes according to **EN 54-18:2005, EN 54-18:2005/AC:2007**

Essential characteristics	Clauses in this European Standard	Mandated level(s) or class(es)
Functional test	5.1.4.	PASS
Performance and variation in supply parameters	5.2	PASS
Dry heat (operational)	5.3	PASS
Cold (operational)	5.4	PASS
Damp heat, cyclic (operational)	5.5	PASS
Damp heat, steady state (endurance)	5.6	PASS
Sulphur dioxide (SO ₂) corrosion (endurance)	5.7	PASS
Shock (operational)	5.8	PASS
Impact (operational)	5.9	PASS
Vibration, sinusoidal (operational)	5.10	PASS
Vibration, sinusoidal (endurance)	5.11	PASS
Electromagnetic Compatibility (EMC) Immunity tests	5.12	PASS

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

