



APPLUS+ CERTIFIED PRODUCT

No.

PR-2104/064

DETNOV SECURITY, S.L. C/ DE LA CIENCIA, 30-32 08840 VILADECANS (BARCELONA)
Produced in the manufacturing plant:
DETNOV SECURITY, S.L. C/ DE LA CIENCIA, 30-32 08840 VILADECANS (BARCELONA)

LGAI Technological Center S.A. (APPLUS) certifies that the product:

CAD-250 SYSTEM

Is in accordance with the standard:

EN 54-13:2005 "FIRE DETECTION AND FIRE ALARM SYSTEMS. PART 13: COMPATIBILITY ASSESSMENT OF SYSTEM COMPONENTS".

EN 54-13:2017+A1:2019 "FIRE DETECTION AND FIRE ALARM SYSTEMS. PART 13: COMPATIBILITY AND CONNECTABILITY ASSESSMENT OF SYSTEM COMPONENTS".

LGAI has performed the product initial tests, the initial assessment of the production process and management system. Periodically, the entity does follow-up by testing samples from production and assessment of the production process and management system.

This certificate is valid until 15th November 2028, provided that the conditions set out in the contract are maintained.

Bellaterra, 15th November 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 the number of certificate.

You can check the validity of this certificate on our website: www.appluslaboratories.com/certified_products

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Fire panels					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Addressable fire panel 32 loops	DETNOV	CAD-250	1	54-2 54-4	CAD_250_V2
Blind cabinet to expand up to + 8 loops	DETNOV	CAD-250-B	1	54-2 54-4	CAD_250_V2
Conventional fire alarm control panel for 2 zones	DETNOV	CCD-102	1	54-2 54-4	CNV_02Z_V2
Extinguishing control panel for 1 risk with 3 detection zones	DETNOV	CCD-103	1	54-2 54-4 EN12094-1	CNV_03Z_V1
Conventional fire alarm control panel for 4 zone	DETNOV	CCD-104	1	54-2 54-4	CNV_04Z_V2
Conventional fire alarm control panel for 8 zones	DETNOV	CCD-108	1	54-2 54-4	CNV_08Z_V2
Conventional fire alarm control panel for 12 zones	DETNOV	CCD-112	1	54-2 54-4	CNV_12Z_V2
Expansion cards					
Type of Device	Brand	Model	Type	EN54 Part	FW version
2 loops expansion card	DETNOV	TBUD-250	1	54-2 54-4	CAD_250_V2
Communication card	DETNOV	TMB-252	2	---	---
Fiber optic communication card	DETNOV	TMBFI-252	2	---	---
Addressable loop gateway card	DETNOV	TPLD-100	2	---	---
kit communication	DETNOV	TCD-109	1	54-21	V8.7
Repeaters					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Bidirectional repeater addressable	DETNOV	CAD-250-R	2	None	CAD_250_V2
Addressable detectors					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Addressable optical smoke detector with isolator	DETNOV	DOD-220A-I	1	54-7 54-17	OPT_ISO_V1
Addressable heat detector with isolator	DETNOV	DTD-210A-I	1	54-5 54-17	HEAT_ISO_V1
Addressable heat detector with isolator	DETNOV	DTD-215A-I	1	54-5 54-17	HIGH_HEAT_I SO_V1
Addressable dual optical/heat detector with isolator	DETNOV	DOTD-230A-I	1	54-5 54-7 54-17	OPT_HEAT_IS O_V1
Addressable optical smoke detector with isolator	DETNOV	DOD-320A	1	54-7	1.0
Addressable optical & heat detector	DETNOV	DOTD-230A	1	54-5 54-7	OPTO_HEAT_V1.5 _B
Addressable optical smoke detector	DETNOV	DOD-220A	1	54-7	OPTO_V1.5_B
Addressable optical smoke detector with isolator	DETNOV	DOD-220A-B	1	54-7	OPTO_V1.5_B
Addressable heat detector	DETNOV	DTD-210A	1	54-5	HEAT_V1.2_B
Addressable heat detector (black)	DETNOV	DTD-210A-B	1	54-5	HEAT_V1.2_B
Addressable high temperature detector	DETNOV	DTD-215A	1	54-5	HIGH_HEAT_V1.2 _B
Addressable high temperature detector (black)	DETNOV	DTD-215A-B	1	54-5	HIGH_HEAT_V1.2 _B

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Addressable manual call points					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Addressable manual call point with isolator	DETNOV	MAD-450-I	1	54-11 54-17	MCP_ISO_V1
Addressable manual call point with isolator	DETNOV	MAD-451-I	1	54-11 54-17	MAD-451-I_V1
Addressable manual call point	DETNOV	MAD-450	1	54-11	MCP_V1.2
Addressable modules					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Addressable module with isolator 1 technical input	DETNOV	MAD-401-I	1	54-17 54-18	ONE_INPUT_ISO_V23
Addressable module with isolator of 2 supervised inputs	DETNOV	MAD-402-I	1	54-17 54-18	TWO_INPUT_ISO_V23
Addressable module with built-in isolator 1 relay output	DETNOV	MAD-411-I	1	54-17 54-18	ONE_OUTPUT_ISO_V22
Addressable module with isolator of 2 relay outputs	DETNOV	MAD-412-I	1	54-17 54-18	TWO_OUTPUT_ISO_V22
Addressable module with built-in isolator 1 technical input and 1 relay output	DETNOV	MAD-421-I	1	54-17 54-18	INPUT_OUTPUT_ISO_V23
Addressable module with isolator of 2 supervised inputs and 2 relay outputs	DETNOV	MAD-422-I	1	54-17 54-18	TWO_INPUT_OUTPUT_ISO_V23
Addressable module with built-in isolator 1 monitored 24V output	DETNOV	MAD-431-I	1	54-17 54-18	ONE_SOUNDER_ISO_V1.50
Addressable module with built-in isolator 2 monitored 24V outputs	DETNOV	MAD-432-I	1	54-17 54-18	TWO_SOUNDER_ISO_V1.50
Addressable module with built-in isolator 1 conventional zone	DETNOV	MAD-441-I	1	54-17 54-18	ONE_ZONE_ISO_V1
Addressable module with isolator of 2 conventional zones	DETNOV	MAD-442-I	1	54-17 54-18	TWO_ZONE_ISO_V1.50
Addressable module with isolator of 5 supervised inputs	DETNOV	MAD-405-I	1	54-17 54-18	MAD-405-I_V1
Addressable module with isolator of 10 supervised inputs	DETNOV	MAD-409-I	1	54-17 54-18	MAD-409-I_V1
Addressable module with isolator of 5 relay outputs	DETNOV	MAD-415-I	1	54-17 54-18	MAD-415-I_V1
Addressable module with isolator of 10 relay outputs	DETNOV	MAD-419-I	1	54-17 54-18	MAD-419-I_V1
Addressable module with isolator of 5 supervised inputs and 5 relay outputs	DETNOV	MAD-425-I	1	54-17 54-18	MAD-425-I_V1
Addressable module with isolator of 10 supervised inputs and 10 relay outputs	DETNOV	MAD-429-I	1	54-17 54-18	MAD-429-I_V1
Addressable module 1 technical input	DETNOV	MAD-401	1	54-18	ONE_INPUT_V23
Addressable module 2 technical inputs	DETNOV	MAD-402	1	54-18	TWO_INPUT_V23
Addressable module 1 relay output	DETNOV	MAD-411	1	54-18	ONE_OUTPUT_V22
Addressable module 2 relay outputs	DETNOV	MAD-412	1	54-18	TWO_OUTPUT_V22
Addressable module 1 technical input and 1 relay output	DETNOV	MAD-421	1	54-18	INPUT_OUTPUT_V23
Addressable module 2 technical inputs and 2 relay outputs	DETNOV	MAD-422	1	54-18	TWO_INPUT_OUTPUT_V23
Addressable module 1 monitored 24V output	DETNOV	MAD-431	1	54-18	ONE_SOUNDER_V1.2
Addressable module 2 monitored 24V outputs	DETNOV	MAD-432	1	54-18	TWO_SOUNDER_V1.2
Addressable module 1 conventional zone	DETNOV	MAD-441	1	54-18	ONE_ZONE_V1.2
Addressable module 2 conventional zones	DETNOV	MAD-442	1	54-18	TWO_ZONE_V1.2
Addressable module with isolator	DETNOV	MAD-490	1	54-17	TWO_ZONE_ISO_V1.50

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Addressable sounders and beacons					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Addressable sounder base	DETNOV	MAD-472	1	54-3	SOUNDER_FLASH_V2
Addressable sounder base with beacon	DETNOV	MAD-473	1	54-3	SOUNDER_FLASH_V2
Addressable loop sounder with isolator	DETNOV	MAD-464-I	1	54-3 54-17	SOUNDER_FLASH_ISO_V1.9
Addressable loop sounder with beacon and isolator	DETNOV	MAD-465-I	1	54-3 54-17	SOUNDER_FLASH_ISO_V1.9
Addressable loop sounder with isolator (white color)	DETNOV	MAD-464-I-W	1	54-3 54-17	SOUNDER_FLASH_ISO_V1.9
Addressable loop sounder with beacon and isolator (white color)	DETNOV	MAD-465-I-W	1	54-3 54-17	SOUNDER_FLASH_ISO_V1.9
Addressable loop sounder with isolator	DETNOV	MAD-564-I	1	54-3 54-17	MAD-56X-I_v18
Addressable loop sounder with isolator (white color)	DETNOV	MAD-564-I-W	1	54-3 54-17	MAD-56X-I_v18
Addressable loop sounder and flash with isolator	DETNOV	MAD-565-I	1	54-3 54-17 54-23	MAD-56X-I_v18
Addressable loop sounder with VAD and isolator	DETNOV	MAD-565-I-W	1	54-3 54-17 54-23	MAD-56X-I_v18
Base addressable sounder with isolator	DETNOV	MAD-567-I	1	54-3 54-17	MAD-56X-I_v18
Base addressable sounder with VAD and isolator	DETNOV	MAD-569-I	1	54-3 54-17 54-23	MAD-56X-I_v18
Addressable loop sounder with isolator	DETNOV	MAD-461-I	1	54-3 54-17	SOUNDER_FLASH_ISO_V1.9
Indicator					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Remote indicator	DETNOV	PAD-10	2	None	---
Addressable remote indicator with isolator	DETNOV	PAD-10A-I	2	None	PAD-10AI_v03
Remote indicator	DETNOV	PAD-20	2	None	---
Smoke barrier					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Addressable barrier with isolator	DETNOV	DBD-70A	1	54-17 54-12	beam_module_v04
Bases					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Connection detector base	DETNOV	Z-200	2	---	---
Deep connection detector base	DETNOV	Z-200-H	2	---	---
Connection detector base (Black color)	DETNOV	Z-200-B	2	---	---
Deep connection detector base (Black color)	DETNOV	Z-200-H-B	2	---	---
Supplementary information:					
Notes: [1] All firmware versions in this document are according to customer declaration. [2] Customer declares equipment as type 1 or type 2 in their documentation.					