



CERTIFICATE

No.

PR-1810/064

APPLUS + CERTIFIED PRODUCT

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

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

CAD-150 - ADDRESSABLE FIRE ALARM CONTROL AND INDICATION SYSTEM

Is in accordance with the standard:

EN 54-13:2005 --- Compatibility 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 30th September 2025

Renovation / Modification of the initial certificate issued on 10th March 2017

Bellaterra, 5th February 2021


Applus⁺
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 into our website at: www.appluslaboratories.com/certified_products



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COMPONENTS DESCRIPTION LIST FOR SYSTEM CAD-150 EN 54-13					
TYPE OF DEVICE	BRAND	MODEL	TYPE	EN 54 PART	FW VERSION
1 loop addressable control panel	DETNOV	CAD-150-1-MINI	1	EN 54-2, EN 54-4	CAD_151_V2
1 loop addressable control panel	DETNOV	CAD-150-1	1	EN 54-2, EN 54-4	CAD_151_V2
2 loops addressable control panel	DETNOV	CAD-150-2	1	EN 54-2, EN 54-4	CAD_151_V2
Bidirectional addressable repeater	DETNOV	CAD-150-R	1	EN 54-2, EN 54-4	CAD_151_V2
2 loops addressable control panel	DETNOV	CAD-150-2-MB	1	EN 54-2, EN 54-4	CAD_151_V2
2 loops addressable control panel with printer	DETNOV	CAD-150-2-MB-P	1	EN 54-2, EN 54-4	CAD_151_V2
4 loops addressable control panel	DETNOV	CAD-150-4	1	EN 54-2, EN 54-4	CAD_152_V2
4 loops addressable control panel	DETNOV	CAD-150-4-P	1	EN 54-2, EN 54-4	CAD_152_V2
4 loops addressable control panel	DETNOV	CAD-150-4-RACK	1	EN 54-2, EN 54-4	CAD_152_V2
4 loops addressable control panel with printer	DETNOV	CAD-150-4-RACK-P	1	EN 54-2, EN 54-4	CAD_152_V2
4 up to 8 loops addressable control panel	DETNOV	CAD-150-8	1	EN 54-2, EN 54-4	CAD_152_V2
4 up to 8 loops addressable control panel	DETNOV	CAD-150-8-P	1	EN 54-2, EN 54-4	CAD_152_V2
4 up to 8 loops addressable control panel	DETNOV	CAD-150-8-PLUS	1	EN 54-2, EN 54-4	CAD_152_V2
4 up to 8 loops addressable control panel with printer	DETNOV	CAD-150-8-PLUS-P	1	EN 54-2, EN 54-4	CAD_152_V2
2 loops expansion card	DETNOV	TBUD-150	1	EN 54-2, EN 54-4	-
Addressable smoke detector	DETNOV	DOD-220A	1	EN 54-7	OPT_V1
Addressable heat detector	DETNOV	DTD-210A	1	EN 54-5	HEAT_V1
Addressable heat detector	DETNOV	DTD-215A	1	EN 54-5	HIGH_HEAT_V1
Addressable smoke and heat detector	DETNOV	DOTD-230A	1	EN 54-5, EN 54-7	OPT_HEAT_V1
Addressable input/output devices	DETNOV	MAD-401	1	EN 54-18	ONE_INPUT_V1
Addressable input/output devices	DETNOV	MAD-402	1	EN 54-18	TWO_INPUT_V1
Addressable input/output devices	DETNOV	MAD-411	1	EN 54-18	ONE_OUTPUT_V1
Addressable input/output devices	DETNOV	MAD-412	1	EN 54-18	TWO_OUTPUT_V1
Addressable input/output devices	DETNOV	MAD-421	1	EN 54-18	ONE_INPUT_ ONE_OUTPUT_V1
Addressable input/output devices	DETNOV	MAD-422	1	EN 54-18	TWO_INPUT_ TWO_OUTPUT_V1
Addressable input/output devices	DETNOV	MAD-431	1	EN 54-18	ONE_SOUNDER_V 1
Addressable input/output devices	DETNOV	MAD-432	1	EN 54-18	TWO_SOUNDER_V 1
Addressable input/output devices	DETNOV	MAD-441	1	EN 54-18	TWO_ZONE_V1
Addressable input/output devices	DETNOV	MAD-442	1	EN 54-18	ONE_ZONE_V1
Addressable Short circuit isolator	DETNOV	MAD-490	1	EN 54-17	-
Addressable manual call point	DETNOV	MAD-450	1	EN 54-11	MCP_V1

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TYPE OF DEVICE	BRAND	MODEL	TYPE	EN 54 PART	FW VERSION
Addressable sounder	DETNOV	MAD-472	1	EN 54-3	SOUNDER_FLASH_V1
Addressable sounder and beacon	DETNOV	MAD-473	1	EN 54-3	SOUNDER_FLASH_V1
Addressable smoke detector with short circuit isolator	DETNOV	DOD-220A-I	1	EN 54-7, EN 54-17	OPT_ISO_V1
Addressable heat detector with short circuit isolator	DETNOV	DTD-210A-I	1	EN 54-5, EN 54-17	HEAT_ISO_V1
Addressable heat detector with short circuit isolator	DETNOV	DTD-215A-I	1	EN 54-5, EN 54-17	HIGH_HEAT_ISO_V1
Addressable smoke and heat detector with short circuit isolator	DETNOV	DOTD-230A-I	1	EN 54-5, EN 54-7, EN 54-17	OPT_HEAT_ISO_V1
Addressable input/output devices with short circuit isolator	DETNOV	MAD-401-I	1	EN 54-17, EN 54-18	ONE_INPUT_ISO_V1
Addressable input/output devices with short circuit isolator	DETNOV	MAD-402-I	1	EN 54-17, EN 54-18	TWO_INPUT_ISO_V1
Addressable input/output devices with short circuit isolator	DETNOV	MAD-411-I	1	EN 54-17, EN 54-18	ONE_OUTPUT_ISO_V1
Addressable input/output devices with short circuit isolator	DETNOV	MAD-412-I	1	EN 54-17, EN 54-18	TWO_OUTPUT_ISO_V1
Addressable input/output devices with short circuit isolator	DETNOV	MAD-421-I	1	EN 54-17, EN 54-18	ONE_INPUT_ONE_V1
Addressable input/output devices with short circuit isolator	DETNOV	MAD-422-I	1	EN 54-17, EN 54-18	TWO_INPUT_TWO_OUTPUT_ISO_V1
Addressable input/output devices with short circuit isolator	DETNOV	MAD-431-I	1	EN 54-17, EN 54-18	ONE_SOUNDER_ISO_V1
Addressable input/output devices with short circuit isolator	DETNOV	MAD-432-I	1	EN 54-17, EN 54-18	TWO_SOUNDER_ISO_V1
Addressable input/output devices with short circuit isolator	DETNOV	MAD-441-I	1	EN 54-17, EN 54-18	TWO_ZONE_ISO_V1
Addressable input/output devices with short circuit isolator	DETNOV	MAD-442-I	1	EN 54-17, EN 54-18	ONE_ZONE_ISO_V1
Addressable input/output devices with short circuit isolator	DETNOV	MAD-429-I	1	EN 54-17, EN 54-18	MAD-429-I_V1
Addressable input/output devices with short circuit isolator	DETNOV	MAD-425-I	1	EN 54-17, EN 54-18	MAD-425-I_V1
Addressable input/output devices with short circuit isolator	DETNOV	MAD-409-I	1	EN 54-17, EN 54-18	MAD-409-I_V1
Addressable input/output devices with short circuit isolator	DETNOV	MAD-419-I	1	EN 54-17, EN 54-18	MAD-419-I_V1
Addressable input/output devices with short circuit isolator	DETNOV	MAD-405-I	1	EN 54-17, EN 54-18	MAD-405-I_V1
Addressable input/output devices with short circuit isolator	DETNOV	MAD-415-I	1	EN 54-17, EN 54-18	MAD-415-I_V1
Addressable manual call point with short circuit isolator	DETNOV	MAD-450-I	1	EN 54-11, EN 54-17	MCP_ISO_V1
Addressable manual call point with short circuit isolator	DETNOV	MAD-451-I	1	EN 54-11, EN 54-17	MAD-451-I_V1
Addressable sounder with short circuit isolator	DETNOV	MAD-461-I	1	EN 54-3, EN 54-17	SOUNDER_FLASH_ISO_V1
Addressable sounder with short circuit isolator	DETNOV	MAD-464-I	1	EN 54-3, EN 54-17	SOUNDER_FLASH_ISO_V1
Addressable sounder and beacon with short circuit isolator	DETNOV	MAD-465-I	1	EN 54-3, EN 54-17	SOUNDER_FLASH_ISO_V1
Connection base	DETNOV	Z-200	1		-
Connection base	DETNOV	Z-200-H	2		-
Connection base	DETNOV	STD-200	1		-

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COMPONENTS DESCRIPTION LIST FOR SYSTEM CAD-150 EN 54-13					
TYPE OF DEVICE	BRAND	MODEL	TYPE	EN 54 PART	FW VERSION
Net & printer card for control panel	DETNOV	TRED-150	2		-
Net card / RS485 ModBus	DETNOV	TMB-151	2		-
Fiber optic network communication and Modbus output card for networking	DETNOV	TMBFI-151	2		-
Net card / RS485 ModBus	DETNOV	TMB-251	2		-
Fiber optic network communication and Modbus output card for networking	DETNOV	TMBFI-251	2		-
Communication card for control panel	DETNOV	TED-151-CL	2		-
Addressable loop gateway for conventional panel	DETNOV	TPLD-100	2		-
Bidirectional addressable repeater	DETNOV	RAD-150	2		-
Graphical addressable repeater	DETNOV	RTD-150W	2		-
Graphical addressable repeater	DETNOV	RTD-150T	2		-
Graphical addressable repeater	DETNOV	RTD-150E	2		-
Addressable and standalone gas detectors	DETNOV	DGD-600	2		-
Addressable and standalone gas detectors	DETNOV	DGD-620	2		-
Addressable and standalone gas detectors	DETNOV	DGD-600-AC	2		-
Addressable and standalone gas detectors	DETNOV	DGD-620-AC	2		-
Conventional control panel with 2 zones	DETNOV	CCD-102	1	EN 54-2, EN 54-4	CNV_02Z_V2
Conventional Extinguishant control panel	DETNOV	CCD-103	1	EN 54-2, EN 54-4, EN 12094-1	CNV_03Z_V1
Conventional control panel with 4 zones	DETNOV	CCD-104	1	EN 54-2, EN 54-4	CNV_04Z_V2
Conventional control panel with 8 zones	DETNOV	CCD-108	1	EN 54-2, EN 54-4	CNV_08Z_V2
Conventional control panel with 12 zones	DETNOV	CCD-112	1	EN 54-2, EN 54-4	CNV_12Z_V2
Conventional smoke detector	DETNOV	DOD-220	1	EN 54-7	OPT_CVN_V1
Conventional heat detector	DETNOV	DTD-210	1	EN 54-5	-
Conventional heat detector	DETNOV	DTD-215	1	EN 54-5	-
Conventional smoke and heat detector	DETNOV	DOTD-230	1	EN 54-5, EN 54-7	OPT_HEAT_CNV_V1
Conventional sounder	DETNOV	SCD-100	1	EN 54-3	-
Conventional manual call point	DETNOV	PCD-100	1	EN 54-11	-
Conventional light beam detector	THE FIRE BEAM	FIREBEAM PLUS	1	EN 54-12	-
Connection base	DETNOV	Z-200-R	1		-
Conventional sounder	DETNOV	SCD-200 (VTG-32E-SB-R)	1	EN 54-3	-
Conventional sounder	DETNOV	SCD-210 (VTG-32E-DB-R)	1	EN 54-3	-
Conventional sounder	DETNOV	SFD-220 (VTB-32E-SB RB-RL)	1	EN 54-3	-
Conventional sounder	DETNOV	SFD-230 (VTB-32E-DB-RB/RL)	1	EN 54-3	-

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TYPE OF DEVICE	BRAND	MODEL	TYPE	EN 54 PART	FW VERSION
Conventional sounder and beacon	DETNOV	SFD-221C (VTB-32EVAD C SB RB WF)	1	EN 54-3, EN 54-23	-
Conventional sounder and beacon	DETNOV	SFD-231C (VTB-32EVAD C DB RB WF)	1	EN 54-3, EN 54-23	-
Conventional sounder and beacon	DETNOV	SFD-221W (VTB-32EVAD W SB RB WF)	1	EN 54-3, EN 54-23	-
Conventional sounder and beacon	DETNOV	SFD-231W (VTB-32EVAD W DB RB WF)	1	EN 54-3, EN 54-23	-
Conventional beacon	DETNOV	PED-221C (VXB-1EVAD C SB RB WF)	1	EN 54-23	-
Conventional beacon	DETNOV	PED-231C (VXB-1EVAD C DB RB WF)	1	EN 54-23	-
Conventional beacon	DETNOV	PED-221W (VXB-1EVAD W SB RB WF)	1	EN 54-23	-
Conventional beacon	DETNOV	PED-231W (VXB-1EVAD W DB RB WF)	1	EN 54-23	-
Conventional alarm bell 6"	VIMPEX	MBF-6EV-24	1	EN 54-3	-
Conventional alarm bell 6"	VIMPEX	MBF-6EV-BBX4	1	EN 54-3	-
Conventional light indicator w/sounder	AVOTEC	DOA FJ/CPD	1	EN 54-3	-
Conventional light indicator w/sounder	AVOTEC	DOA K	1	EN 54-3, EN 54-23	-
Conventional light indicator w/sounder	AVOTEC	DOA K/WP	1	EN 54-3, EN 54-23	-
Remote indicator	DETNOV	PAD-10	2		-
Electromagnetic holder surface mounting	KENDRION	RED-100 (GTR048000A07)	2		-
Electromagnetic holder surface mounting	KENDRION	RED-110 (GTR048000A01)	2		-
Electromagnetic holder flush mounting	KENDRION	RED-120 (GTR048000A03)	2		-
Electromagnetic holder surface mounting	KENDRION	RED-130 (GTR048000A06)	2		-
Electromagnetic holder floor mounting	KENDRION	RED-140 (GTR048000A07 + SOP)	2		-
Electromagnetic holder wall mounting	KENDRION	RED-150 (GTR048000A10)	2		-
Electromagnetic lock	OPENERS & CLOSERS	MEX-400	2		-
Electromagnetic lock	OPENERS & CLOSERS	MEX-430	2		-
Electromagnetic lock	OPENERS & CLOSERS	MEX-530	2		-
Electromagnetic lock	OPENERS & CLOSERS	MEX-500	2		-
Power supply	VENITEM	TUL373 EN	1	EN 54-4	-
Power supply	VENITEM	TUL375 EN	1	EN 54-4	-

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COMPONENTS DESCRIPTION LIST FOR SYSTEM CAD-150 EN 54-13					
TYPE OF DEVICE	BRAND	MODEL	TYPE	EN 54 PART	FW VERSION
Buzzer for addressable connection base	DETNOV	BUD-200	2		-
Wireless module	ARGUS	SGCWE	1	EN 54-18, EN 54-25	-
Wireless amplifier module	ARGUS	SGWE	1	EN 54-18, EN 54-25	-
Wireless smoke detector	ARGUS	SG100	1	EN 54-7, EN 54-25	-
Wireless heat and smoke detector	ARGUS	SG200	1	EN 54-5, EN 54-7, EN 54-25	-
Wireless heat detector	ARGUS	SG350	1	EN 54-5, EN 54-25	-
Wireless manual call point	ARGUS	SGCP100	1	EN 54-11, EN 54-25	-
Wireless input module	ARGUS	SGMI200	1	EN 54-18, EN 54-25	-
Wireless output module	ARGUS	SGMCB200	1	EN 54-18, EN 54-25	-
Wireless sounder base	ARGUS	SGRBS100	1	EN 54-3, EN 54-25	-
Wireless sounder base w/flash	ARGUS	SGRBS100-AV	1	EN 54-3, EN 54-25	-
Wireless sounder base	ARGUS	KIT SCW100	1	EN 54-3	-
Wireless sounder base w/flash	ARGUS	KIT SCW100-AV	1	EN 54-3, EN 54-23	-
Wireless remote indicator	ARGUS	SGFI200-S	1		-
Camera for ventilation duct detectors installation	DETNOV	DCON-DC700 (FDD-710)	2		-
Conventional flame detector	TALENTUM	DLL-IR2 (16581)	2	EN 54-10	-
Conventional flame detector	TALENTUM	DLL-IR2IS (16571)	1	EN 54-10	-
Conventional flame detector	TALENTUM	DLL-IR2EX (16511)	1	EN 54-10	-
Conventional flame detector	TALENTUM	DLL-IR3 (16589)	1	EN 54-10	-
Conventional flame detector	TALENTUM	DLL-IR3IS (16579)	1	EN 54-10	-
Conventional flame detector	TALENTUM	DLL-IR3EX (16519)	1	EN 54-10	-
Conventional flame detector	TALENTUM	DLL-UVIR (16591)	1	EN 54-10	-
Conventional flame detector	TALENTUM	DLL-UVIREX (16521)	1	EN 54-10	-
Aspiration smoke detector	SECURITON	ASD-531	1	EN 54-20	-
Aspiration smoke detector	SECURITON	ASD-532	1	EN 54-20	-
Aspiration smoke detector	SECURITON	ASD-535-1	1	EN 54-20	-
Aspiration smoke detector	SECURITON	ASD-535-2	1	EN 54-20	-
Aspiration smoke detector	SECURITON	ASD-535-3	1	EN 54-20	-
Aspiration smoke detector	SECURITON	ASD-535-4	1	EN 54-20	-
Conventional light beam detector	FIRERAY	FIRERAY ONE	1	EN 54-12	-
Conventional light beam detector	FIRERAY	F5000R	1	EN 54-12	-
Conventional light beam detector	FIRERAY	F3000R	1	EN 54-12	-

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TYPE OF DEVICE	BRAND	MODEL	TYPE	EN 54 PART	FW VERSION
Conventional light beam detector	FIRERAY	F3000-EXD	1	EN 54-12	-
Conventional flame detector	TALENTUM	DCH-IR (16580)	1	EN 54-10	-
Conventional flame detector	TALENTUM	DCH-IRIS (16570)	1	EN 54-10	-