



APPLUS+ CERTIFIED PRODUCT

No.

PR-2045/064

CARRIER FIRE & SECURITY B.V. KELVINSTRAAT, 7 6003 DH WEERT, THE NETHERLANDS
Produced in the manufacturing plant:
CARRIER FIRE & SECURITY B.V. KELVINSTRAAT, 7 6003 DH WEERT, THE NETHERLANDS

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

2X-A series APOLLO PROTOCOL

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 13th October 2027, provided that the conditions set out in the contract are maintained.

Bellaterra, 13th October 2023


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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COMPONENTS DESCRIPTION LIST FOR 2X-A series (APOLLO PROTOCOL): FIRE DETECTION AND ALARM SYSTEM SYSTEM EN 54-13

Fire panels					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Addressable fire panel	Aritech	2X-AF2-FB	1	54-2 54-4	V04.00.20
Addressable fire panel	Aritech	2X-AF1-S	1	54-2 54-4	V04.00.20
Addressable fire panel	Aritech	2X-AF1-FB-S	1	54-2 54-4	V04.00.20
Addressable fire panel	Aritech	2X-AF1-SCFB-S	1	54-2 54-4	V04.00.20
Addressable fire panel	Aritech	2X-AF2-S	1	54-2 54-4	V04.00.20
Addressable fire panel	Aritech	2X-AF2-FB-S	1	54-2 54-4	V04.00.20
Addressable fire panel	Aritech	2X-AF2-SCFB-S	1	54-2 54-4	V04.00.20
Addressable fire panel	Aritech	2X-AFR-S	1	54-2 54-4	V04.00.20
Addressable fire panel	Aritech	2X-AFR-FB-S	1	54-2 54-4	V04.00.20
Addressable fire panel	Aritech	2X-AE1	1	54-2 54-4	V04.00.20
Addressable fire panel	Aritech	2X-AF1	1	54-2 54-4	V04.00.20
Addressable fire panel	Aritech	2X-AF1-FB	1	54-2 54-4	V04.00.20
Addressable fire panel	Aritech	2X-AF1-SCFB	1	54-2 54-4	V04.00.20
Addressable fire panel	Aritech	2X-AE2	1	54-2 54-4	V04.00.20
Addressable fire panel	Aritech	2X-AF2	1	54-2 54-4	V04.00.20
Addressable fire panel	Aritech	2X-AF2-PRT	1	54-2 54-4	V04.00.20
Addressable fire panel	Aritech	2X-AF2-FB-PRT	1	54-2 54-4	V04.00.20
Addressable fire panel	Aritech	2X-AF2-SCFB	1	54-2 54-4	V04.00.20

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Addressable fire panel	Aritech	2X-AFR	1	54-2 54-4	V04.00.20
Addressable fire panel	Aritech	2X-AFR-FB	1	54-2 54-4	V04.00.20
Addressable fire panel	Aritech	2X-AE2-P	1	54-2 54-4	V04.00.20
Addressable fire panel	Aritech	2X-AF2-P	1	54-2 54-4	V04.00.20
Addressable fire panel	Aritech	2X-AF2-PRT-P	1	54-2 54-4	V04.00.20
Addressable fire panel	Aritech	2X-AF2-FB-P	1	54-2 54-4	V04.00.20
Addressable fire panel	Aritech	2X-AF2-FB-PRT-P	1	54-2 54-4	V04.00.20
Addressable fire panel	Aritech	2X-AF2-SCFB-P	1	54-2 54-4	V04.00.20

Repeaters					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Addressable fire panel	Aritech	1X-F8	1	54-2 54-4	2.01.04
Addressable fire panel	Aritech	ZP2-F1	1	54-2 54-4	3.08.16

Addressable detectors					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Addressable optical smoke detector	Aritech/Apollo	DP951 (55000-620)	1	EN54-7	No declared
Addressable optical smoke detector	Aritech/Apollo	DP951B (55000-660)	1	EN54-7	No declared
Addressable optical smoke detector	Aritech /Apollo	DP991 (58000-600)	1	EN54-7	No declared
Discovery Multi-Sensor	Aritech/Apollo	DP991T (58000-700)	1	EN54-5 & EN54-7	No declared
Temperature detector	Aritech/Apollo	DT952 (55000-420)	1	EN54-5	No declared
Analogue Addressable High Temperature Sensor	Aritech/Apollo	DT953 (55000-401)	1	EN54-5	No declared
Discovery Heat Detector	Aritech/Apollo	DT992 (58000-400)	1	EN54-5	No declared
Addressable detector	Aritech/Apollo	DP951T (55000-885)	1	EN54-7	No declared

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Addressable manual call point					
Type of Device	Brand	Model	Type	EN54 Part	FW version
MCP (BLUE)	Aritech	DM950BI-D (245410)	2	---	No declared
980 Series Addressable MCP w/ Isolator - BLUE Plastic Housing	Aritech	DM980BI-N	2	---	No declared
980 Series Addressable MCP w/ Isolator - RED Plastic Housing	Aritech	DM980I-N	1	EN54-11	No declared
Addressable notification devices					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Addressable Optical Remote Indicator	Aritech /Edwards	AI952N	2	---	---
Intrinsically Safe analogue detectors and bases					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Intrinsically Safe Optical Detector	Aritech /Apollo	DP971 (55000-640)	1	EN54-7	No declared
Intrinsically Safe Heat Detector	Aritech/Apollo	DT972 (55000-440)	1	EN54-5	No declared
Modules					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Mini Switch Monitor (DIN Mount)	Aritech /Apollo	II950I (55000-760)	1	EN54-17 & 54-18	No declared
Zone Monitor Unit with Isolator	Aritech /Apollo	II955D (55000-812)	1	EN54-17 & 54-18	No declared
Zone Monitor Unit with Isolator	Aritech /Apollo	II955I (55000-845)	1	EN54-17 & 54-18	No declared
Sounder Circuit Controller with Isolator	Aritech /Apollo	IO956I (55000-852)	1	EN54-17 & 54-18	No declared
Sounders					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Open-Area Sounder (White) With Isolator	Aritech /Apollo	AS964WI (55000-002)	1	EN54-3+EN54-17	No declared
<p>The II950I, II955D, II955I, IO956I, DM950BI-D and DM980BI-N devices are type 1 and 2 according to the EN 54-13 standard applied. Therefore, the secondary of the devices cannot perform essential functions in the configuration of the system, such as detection or protection against fires, as well as any mandatory function in standard EN 54-2 (clause 4.4.1.2, EN 54-13). Nevertheless, the primary is connected in the loop transmission path. This part not jeopardize equipment's type 1, then the primary of device is type 1.</p> <p>The equipments DM980I-N and DM980BI-N only complies partially the standard EN 54-13, with the working voltage 24V. The equipments DP971 and DT972 only complies partially the standard EN 54-13, with the working voltage 22-17 V.</p> <p>Notes:</p> <ol style="list-style-type: none"> 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. 					