

# CERTIFICATE

**No. 000269/01**

In accordance with the **CertAlarm** Rules  
and Certification System 5, as defined in ISO / IEC Guide 67,  
we **APPLUS** CB02 certify that the product

**2X-A Series**  
**FIRE DETECTION AND ALARM SYSTEM – ARITECH PROTOCOL**

is in conformity with the following standard(s)

**EN 54-13:2005**  
**EN 54-13:2017+A1:2019**  
Compatibility assessment of system components

**CARRIER FIRE & SECURITY B.V.**  
Kelvinstraat, 7 6003 DH Weert, The Netherlands

is authorised to use the CERTALARM Mark on the above-mentioned product.

This certificate is valid until:

**23<sup>rd</sup> December 2026**

Signed on behalf of APPLUS CB02.

23<sup>rd</sup> December 2022

  
**Applus<sup>+</sup>**  
LGAI Technological Center, S.A.

**Xavier Ruiz Peña**

**Product Conformity B.U., Managing Director**



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**No: 000269/01 - Annex No 1**

Takes into account the following product:

## **2X-A Series ARITECH PROTOCOL FIRE DETECTION AND ALARM SYSTEM**

### **Variants:**

TYPE OF DEVICE	BRAND	MODEL	TYPE	EN 54 PART	FW VERSION
Addressable fire panel	Aritech	2X-AF2-FB	1	54-2 54-4	V04.00.18 V04.00.19
Addressable fire panel	Aritech	2X-AF1-S	1	54-2 54-4	V04.00.18 V04.00.19
Addressable fire panel	Aritech	2X-AF1-FB-S	1	54-2 54-4	V04.00.18 V04.00.19
Addressable fire panel	Aritech	2X-AF1-SCFB-S	1	54-2 54-4	V04.00.18 V04.00.19
Addressable fire panel	Aritech	2X-AF2-S	1	54-2 54-4	V04.00.18 V04.00.19
Addressable fire panel	Aritech	2X-AF2-FB-S	1	54-2 54-4	V04.00.18 V04.00.19
Addressable fire panel	Aritech	2X-AF2-SCFB-S	1	54-2 54-4	V04.00.18 V04.00.19
Addressable fire panel	Aritech	2X-AFR-S	1	54-2 54-4	V04.00.18 V04.00.19
Addressable fire panel	Aritech	2X-AFR-FB-S	1	54-2 54-4	V04.00.18 V04.00.19
Addressable fire panel	Aritech	2X-AE1	1	54-2 54-4	V04.00.18 V04.00.19
Addressable fire panel	Aritech	2X-AF1	1	54-2 54-4	V04.00.18 V04.00.19
Addressable fire panel	Aritech	2X-AF1-FB	1	54-2 54-4	V04.00.18 V04.00.19
Addressable fire panel	Aritech	2X-AF1-SCFB	1	54-2 54-4	V04.00.18 V04.00.19
Addressable fire panel	Aritech	2X-AE2	1	54-2 54-4	V04.00.18 V04.00.19
Addressable fire panel	Aritech	2X-AF2	1	54-2 54-4	V04.00.18 V04.00.19
Addressable fire panel	Aritech	2X-AF2-PRT	1	54-2 54-4	V04.00.18 V04.00.19
Addressable fire panel	Aritech	2X-AF2-FB-PRT	1	54-2 54-4	V04.00.18 V04.00.19
Addressable fire panel	Aritech	2X-AF2-SCFB	1	54-2 54-4	V04.00.18 V04.00.19
Addressable fire panel	Aritech	2X-AFR	1	54-2 54-4	V04.00.18 V04.00.19
Addressable fire panel	Aritech	2X-AFR-FB	1	54-2 54-4	V04.00.18 V04.00.19

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TYPE OF DEVICE	BRAND	MODEL	TYPE	EN 54 PART	FW VERSION
Addressable fire panel	Aritech	2X-AE2-P	1	54-2 54-4	V04.00.18 V04.00.19
Addressable fire panel	Aritech	2X-AF2-P	1	54-2 54-4	V04.00.18 V04.00.19
Addressable fire panel	Aritech	2X-AF2-PRT-P	1	54-2 54-4	V04.00.18 V04.00.19
Addressable fire panel	Aritech	2X-AF2-FB-P	1	54-2 54-4	V04.00.18 V04.00.19
Addressable fire panel	Aritech	2X-AF2-FB-PRT-P	1	54-2 54-4	V04.00.18 V04.00.19
Addressable fire panel	Aritech	2X-AF2-SCFB-P	1	54-2 54-4	V04.00.18 V04.00.19
<b>Repeaters</b>					
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
<b>Addressable detectors</b>					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Addressable optical smoke detector	Carrier	DP2061N	1	EN54-7	FW DP2061N V01
Addressable multisensor fire detector	Carrier	DP2061T	1	EN54-7	FW DP2061T V2.01
Addressable Heat Detector	Carrier	DT2063N	1	EN54-5	FW DT2063N v1.1
Addressable reflective beam detector	Carrier	FD2705R	1	EN54-12	0765-01 Checksum 88C3
<b>Addressable manual call points</b>					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Addressable Manual Call Point	Carrier	DM2010	1	EN54-11	83201005 V1.0
2000 Series Addressable MCP, RED, Surface Mount w/ Glass - POLISH	Carrier	DM2010-18	1	EN54-11	83201005 V1.0
Addressable Manual Call Point	Carrier	DM2010E	1	EN54-11	83201005 V1.0
2000 Series Addressable MCP, RED, Surface Mount w/ Glass - POLISH	Carrier	DM2010E-18	1	EN54-11	83201005 V1.0
2000 Series Addressable MCP w/ Isolator - BLUE - Hausalarm	Carrier	DM2080BI-N	2	EN54-11 EN54-17	83201005 V1.0
Addressable MCP w/ Isolator - RED	Carrier	DM2080I-N	1	EN54-11 EN54-17	83201005 V1.0
2000 SERIES ADDRESSABLE MCP W/ ISOLATOR - YELLOW - LOSCHANLAGE	Carrier	DM2080YI-N	2	EN54-11 EN54-17	83201005 V1.0
Addressable Manual Call Point	Carrier	DM3000	1	EN54-11	1.2.4.
Addressable Manual Call Point	Carrier	DM3000E	1	EN54-11	1.2.4.
Intelligent Addressable Manual Call Point - Weatherproof Swedish Aritech (Red)	Carrier	DM3000ES06	1	EN54-11	1.2.4.

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TYPE OF DEVICE	BRAND	MODEL	TYPE	EN 54 PART	FW VERSION
Intelligent Addressable Manual Call Point - Weatherproof Polish Aritech (Red)	Carrier	DM3000ES18	1	EN54-11	1.2.4.
Intelligent Addressable Manual Call Point - Aritech (Green)	Carrier	DM3000G	2	EN54-11	1.2.4.
INT ADDR MCP - EN ARI (ORANGE)	Carrier	DM3000O	2	EN54-11	1.2.4.
Intelligent Addressable Manual Call Point - Swedish Aritech (Red)	Carrier	DM3000S06	1	EN54-11	1.2.4.
Intelligent Addressable Manual Call Point - Polish Aritech (Red)	Carrier	DM3000S18	1	EN54-11	1.2.4.
Intelligent Addressable Manual Call Point - Evacuation Alarm - Aritech (Blue)	Carrier	DM3000U	2	EN54-11	1.2.4.
Intelligent Addressable Manual Call Point - Abort Extinguishing System - Aritech (White)	Carrier	DM3000WS99	2	EN54-11	1.2.4.
Intelligent Addressable Manual Call Point - Handversie het Dovende Systeem - Aritech (Yellow)	Carrier	DM3000YS01	2	EN54-11	1.2.4.
Intelligent Addressable Manual Call Point - Déclencheur Manuel Système D'Extinction - Aritech (Yellow)	Carrier	DM3000YS02	2	EN54-11	1.2.4.
Intelligent Addressable Manual Call Point - Manual Release Extinguishing System - Aritech (Yellow)	Carrier	DM3000YS99	2	EN54-11	1.2.4.
Intelligent Addressable Manual Call Point - (Green)	Carrier	DM3010G	2	EN54-11	1.2.4.
Intelligent Addressable Manual Call Point - Weatherproof (Green)	Carrier	DM3010G-IP	2	EN54-11	1.2.4.
Intelligent Addressable Manual Call Point - (Orange)	Carrier	DM3010OS99	2	EN54-11	1.2.4.
Intelligent Addressable Manual Call Point - (Red)	Carrier	DM3010R	1	EN54-11	1.2.4.
Intelligent Addressable Manual Call Point - Weatherproof (Red)	Carrier	DM3010R-IP	1	EN54-11	1.2.4.
Intelligent Addressable Manual Call Point - Swedish (Red)	Carrier	DM3010RS06	1	EN54-11	1.2.4.
Intelligent Addressable Manual Call Point - Polish (Red)	Carrier	DM3010RS18	1	EN54-11	1.2.4.
Intelligent Addressable Manual Call Point - Weatherproof Polish (Red)	Carrier	DM3010RS18-IP	1	EN54-11	1.2.4.
Intelligent Addressable Manual Call Point - English (Red)	Carrier	DM3010RS27	1	EN54-11	1.2.4.
Intelligent Addressable Manual Call Point - Weatherproof Polish (Red)	Carrier	DM3010RS27-IP	1	EN54-11	1.2.4.
Intelligent Addressable Manual Call Point - Chubb (Red)	Carrier	DM3010RSCH	1	EN54-11	1.2.4.
Intelligent Addressable Manual Call Point - Clymac (Red)	Carrier	DM3010RSCL	1	EN54-11	1.2.4.
Intelligent Addressable Manual Call Point - (Blue)	Carrier	DM3010US99	2	EN54-11	1.2.4.
Intelligent Addressable Manual Call Point - (White)	Carrier	DM3010W	2	EN54-11	1.2.4.
Intelligent Addressable Manual Call Point - Dutch (Yellow)	Carrier	DM3010YS01	2	EN54-11	1.2.4.
Intelligent Addressable Manual Call Point - French (Yellow)	Carrier	DM3010YS02	2	EN54-11	1.2.4.
Intelligent Addressable Manual Call Point - English (Yellow)	Carrier	DM3010YS99	2	EN54-11	1.2.4.

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TYPE OF DEVICE	BRAND	MODEL	TYPE	EN 54 PART	FW VERSION
Intelligent Addressable Manual Call Point w/ ISO - (Green)	Carrier	DM3110G	2	EN54-11	1.2.4.
Intelligent Addressable Manual Call Point w/ ISO - Weatherproof (Green)	Carrier	DM3110G-IP	2	EN54-11	1.2.4.
Intelligent Addressable Manual Call Point w/ ISO - (Orange)	Carrier	DM3110OS99	2	EN54-11	1.2.4.
Intelligent Addressable Manual Call Point w/ ISO - (Red)	Carrier	DM3110R	1	EN54-11 EN54-17	1.2.4.
Intelligent Addressable Manual Call Point w/ ISO - Weatherproof (Red)	Carrier	DM3110R-IP	1	EN54-11 EN54-17	1.2.4.
Intelligent Addressable Manual Call Point w/ ISO - Swedish (Red)	Carrier	DM3110RS06	1	EN54-11 EN54-17	1.2.4.
Intelligent Addressable Manual Call Point w/ ISO - Polish (Red)	Carrier	DM3110RS18	1	EN54-11 EN54-17	1.2.4.
Intelligent Addressable Manual Call Point w/ ISO - Weatherproof Polish (Red)	Carrier	DM3110RS18-IP	1	EN54-11 EN54-17	1.2.4.
Intelligent Addressable Manual Call Point w/ ISO - (Red)	Carrier	DM3110RS27	1	EN54-11 EN54-17	1.2.4.
Intelligent Addressable Manual Call Point w/ ISO - Weatherproof English (Red)	Carrier	DM3110RS27-IP	1	EN54-11 EN54-17	1.2.4.
Intelligent Addressable Manual Call Point w/ ISO - Chubb (Red)	Carrier	DM3110RSCH	1	EN54-11 EN54-17	1.2.4.
Intelligent Addressable Manual Call Point w/ ISO - Clymac (Red)	Carrier	DM3110RSCL	1	EN54-11 EN54-17	1.2.4.
Intelligent Addressable Manual Call Point w/ ISO - (Blue)	Carrier	DM3110US99	2	EN54-11 EN54-17	1.2.4.
Intelligent Addressable Manual Call Point w/ ISO - (White)	Carrier	DM3110W	2	EN54-11 EN54-17	1.2.4.
Intelligent Addressable Manual Call Point w/ ISO - English (White)	Carrier	DM3110WS99	2	EN54-11 EN54-17	1.2.4.
Intelligent Addressable Manual Call Point w/ ISO - Dutch (Yellow)	Carrier	DM3110YS01	2	EN54-11 EN54-17	1.2.4.
Intelligent Addressable Manual Call Point w/ ISO - French (Yellow)	Carrier	DM3110YS02	2	EN54-11 EN54-17	1.2.4.
Intelligent Addressable Manual Call Point w/ ISO - English (Yellow)	Carrier	DM3110YS99	2	EN54-11 EN54-17	1.2.4.
<b>Addressable modules</b>					
Type of Device	Brand	Model	Type	EN54 Part	FW version
4 input and 4 output module	Carrier Aritech	IO2034NC	1/2*	EN54-18	FW IO2034NC 0.1.2
Single Input Module	Carrier Aritech	IU2050NC	1/2*	EN54-18	FW IU2050NC v1
Conventional Zone Monitor Unit	Carrier Aritech	IU2055NC OBS (1)	1/2*	EN54-18	FW IU2055NC 0.1.1
Series IO Unit 1 Out/Indicating Circuit Controller	Carrier Aritech	IU2080NC	1/2*	EN54-18	FW IU2080NC 1.0.10
<b>Addressable sounders and beacons</b>					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Powered Sounder	Carrier	AS2363	1	EN54-3	Iss.1
Powered Sounder	Carrier	AS2363W	1	EN54-3	Iss.1
Powered Sounder	Carrier	AS2364	1	EN54-3	Iss.1

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TYPE OF DEVICE	BRAND	MODEL	TYPE	EN 54 PART	FW VERSION
Powered Sounder	Carrier	AS2364W	1	EN54-3	Iss.1
Sounder & Red flash	Carrier	ASC2366	1	EN54-3 EN54-23	Fir-0057-1.0.0
Sounder & Red flash	Carrier	ASC2367	1	EN54-3 EN54-23	Fir-0057-1.0.0
Sounder & Red flash	Carrier	ASC2367W	1	EN54-3 EN54-23	Fir-0048-1.0.0
Sounder & Red flash	Carrier	ASW2366	1	EN54-3 EN54-23	Fir-0057-1.0.0
Sounder & Red flash	Carrier	ASW2367	1	EN54-3 EN54-23	Fir-0057-1.0.0
Sounder & Red flash	Carrier	ASW2367W	1	EN54-3 EN54-23	Fir-0048-1.0.0
Sounder base with isolator	Carrier	DB2368IAS-R	1	EN54-3 EN54-17	Iss.1
Sounder base with isolator	Carrier	DB2368IAS-W	1	EN54-3 EN54-17	Iss.1
<b>Conventional Manual call point</b>					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Addressable Manual Call Point	Carrier	DM2010G	2	None (EN54-11)	83201005 V1.0
Addressable indoor extinguishing manual call point	Carrier	DM2010Y	2	None (EN54-11)	83201005 V1.0
<b>Conventional sounders and beacons</b>					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Powered Dual Indicator	Aritech Carrier	AI2672 OBS (1)	2	None/EN54-1	---
<b>Isolator</b>					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Isolator Module w/ CPD Housing	Carrier Aritech	ISM-95	1	EN54-17	---
<b>Isolators bases</b>					
Type of Device	Brand	Model	Type	EN54 Part	FW version
Base with isolator	Carrier	DB2016	1	EN54-17	---

For IO2034NC, IU2050NC, IU2055NC and IU2080NC devices see acceptability conditions. OBS (1): The equipments IU2055NC and AI2672 only complies partially the standard 54-13, between the working voltages range 21 to 28 V and 20 to 30 V respectively.

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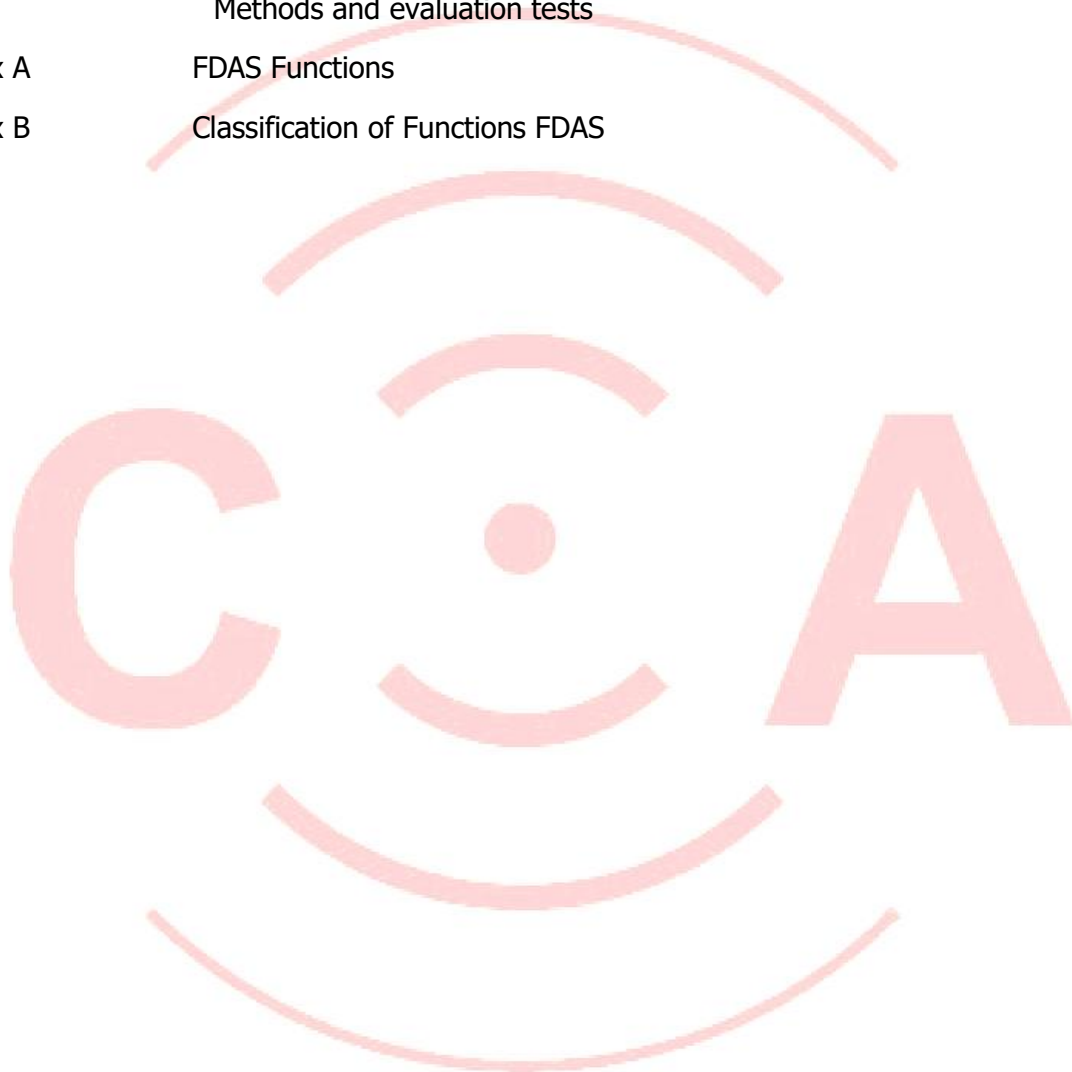
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**The optional features of the specifications that are included in the product and test report:**

Fire detection and Fire Alarm System

Option with requirements evaluated as being compliant:

Clause 4	Requirements
Clause 5	Methods and evaluation tests
Appendix A	FDAS Functions
Appendix B	Classification of Functions FDAS



# CERTIFICATE

**No: 000269/01 - Annex No 2**

**Test Report Number:**

22/36403505; 22/36403502

**Validity of Certificate:**

The Certificate remains valid based upon satisfactory annual factory production control audits and follow up re-testing every 2 years from Certificate issue

**Documents submitted:**

SOP000-00001 STRUCTURE OF QUALITY MANEGEMENT SYSTEM (QMS), WEERT, REV.C, 01/MAY-2018  
90-2002-102-0012-02, REV 02.00 MAR-2015

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