

CERTIFICATE

Carrier Fire & Security B.V.
Kelvinstraat 7
6003 DH Weert
Netherlands

Certifikat nr.
Certificate no.
232.295

har på baggrund af vurderede systemegenskaber baseret på systemprøvningsrapport(er) for overensstemmelse mellem systembeskrivelse og gældende specifikationer i systemstandarder og/eller andre normative dokumenter opnået dette overensstemmelsescertifikat for systemet
has achieved this certificate of conformity based on evaluation of system approval test report(s) for conformity between system standards and(or) other normative documents for the system

2X-A **Automatisk Branddetekterings- og Alarm-system**
Automatic Fire Detection and Alarm System

til anvendelse i automatiske brandalarmanlæg.
to be used in automatic fire detection and alarm systems.

Certifikatet tilkendegiver overensstemmelse med kravene i følgende standarder og andre normative dokumenter:
The certificate signifies compliance with the requirements in the following standards and other normative documents:

EN 54-13:2017+A1:2019 Fire detection and fire alarm systems – Part 13: Compatibility assessment of system components.

DBI Guideline 003 Fire safety systems

Certifikatet er kun gældende så længe systemet er i overensstemmelse med ovennævnte samt kravene i certificeringsordningen.
The certificate is only valid as long as the system is in conformity with the above mentioned and the requirements of the certification system.

Udstedt/Issued: 2024-09-18

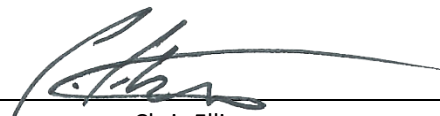
Udløber/Expires: 2027-09-18

Erstatter tidligere udstedt certifikat: 2024-05-21

Replace previous issued certificate



Merete Poulsen



Chris Ellis

Bilag/Annex: 1

OMFANG/EXTENT

Type Type	Produkt Product	Certifikat Certificate
Addressable fire panel w touchscreen, 2 loop, small cabinet	2X-AT-F2-S	0370-CPR-6471
Addressable fire panel repeater w touchscreen, small cabinet	2X-AT-FR-S	0370-CPR-6471
Addressable fire panel w touchscreen, 2 loop	2X-AT-F2	0370-CPR-6472
Addressable fire panel w touchscreen with fire brigade controls, 2 loop	2X-AT-F2-FB	0370-CPR-6472
Addressable fire panel w touchscreen and fire brigade controls, 2 loop, small cabinet	2X-AT-F2-FB-S	0370-CPR-6471
Addressable fire panel w touchscreen, 2 loop, with bigger PSU	2X-AT-F2-P	0370-CPR-6473
Addressable fire panel with touchscreen fire brigade controls, 2 loop, with bigger PSU	2X-AT-F2-FB-P	0370-CPR-6473
Control and indicating equipment with power supply	2X-AE1 ¹⁾ One-loop addressable fire and evacuation alarm control panel	0370-CPR-6472
Control and indicating equipment with power supply	2X-AF1 ¹⁾ One-loop addressable fire alarm control panel	0370-CPR-6472
Control and indicating equipment with power supply	2X-AF1-FB ¹⁾ One-loop addressable fire alarm control panel with fire routing and fire protection controls	0370-CPR-6472
Control and indicating equipment with power supply	2X-AF1-SCFB ¹⁾ One-loop addressable SS 3654 fire alarm control panel with fire routing and fire protection controls	0370-CPR-6472
Control and indicating equipment with power supply	2X-AE2 ¹⁾ Two-loop addressable fire and evacuation alarm control panel	0370-CPR-6472
Control and indicating equipment with power supply	2X-AF2 ¹⁾ Two-loop addressable fire alarm control panel	0370-CPR-6472
Control and indicating equipment with power supply	2X-AF2-PRT ¹⁾ Two-loop addressable fire alarm control panel with internal printer	0370-CPR-6472
Control and indicating equipment with power supply	2X-AF2-FB ¹⁾ Two-loop addressable fire alarm control panel with fire routing and fire protection controls	0370-CPR-6472

Control and indicating equipment with power supply	2X-AF2-FB-PRT ¹⁾ Two-loop addressable fire alarm control panel with fire routing and fire protection controls and internal printer	0370-CPR-6472
Control and indicating equipment with power supply	2X-AF2-SCFB ¹⁾ Two-loop addressable SS 3654 fire alarm control panel with fire routing and fire protection controls	0370-CPR-6472
Control and indicating equipment with power supply	2X-AFR ¹⁾ Addressable fire alarm repeater panel	0370-CPR-6472
Sounder	AS2363 Analogue Addressable Type A Red Sounder with Shallow Base	2831-CPR-F4192
Sounder	AS2363W Analogue Addressable Type A White Sounder with Shallow Base	2831-CPR-F4192
Sounder	AS2364 Analogue Addressable Type A Red Sounder with deep Base	2831-CPR-F4193
Sounder	AS2364W Analogue Addressable Type A White Sounder with deep Base	2831-CPR-F4193
Sounders and Visual alarm devices	ASC2366 Analogue Addressable Type A Sounder Ceiling Mounted RED Light LED Visual Alarm Device	2831-CPR-F0155
Sounders and Visual alarm devices	ASC2367 Analogue Addressable Type A Sounder Ceiling Mounted RED Light LED Visual Alarm Device	2831-CPR-F0156
Sounders and Visual alarm devices	ASC2367W Analogue Addressable Type A Sounder Ceiling Mounted RED Light LED Visual Alarm Device	2831-CPR-F0158
Sounders and Visual alarm devices	ASW2366 Analogue Addressable Type A Sounder and Wall Mounted RED Light LED Visual Alarm Device	2831-CPR-F0160
Sounders and Visual alarm devices	ASW2367 Analogue Addressable Type A Sounder and Wall Mounted RED Light LED Visual Alarm Device	2831-CPR-F0161
Sounders and Visual alarm devices	ASW2367W Analogue Addressable Type A Sounder and Wall Mounted RED Light LED Visual Alarm Device	2831-CPR-F0163
Short circuit isolator	DB2016	0786-CPR-20635
Sounder with short circuit isolator	DB2368IAS-R Analogue Addressable Type A Red Base Sounder with Short Circuit Isolator	2831-CPR-F4196

Sounder with short circuit isolator	DB2368IAS-W Analogue Addressable Type A White Base Sounder with Short Circuit Isolator	2831-CPR-F4196
Manual call point	DM2010 Analogue Addressable Surface Mounting Type A Glass Indoor Manual Call Point	2831-CPR-F4178
Manual call point	DM2010-18 Analogue Addressable Surface Mounting Type A Glass Indoor Manual Call Point (Polish Markings)	2831-CPR-F4178
Manual call point	DM2010E Analogue Addressable Surface Mounting Type A Glass Outdoor Manual Call Point for use in fire detection and alarm systems	2831-CPR-F4179
Manual call point	DM2010E-18 Analogue Addressable Surface Mounting Type A Glass Outdoor Manual Call Point for use in fire detection and alarm systems (Polish markings)	2831-CPR-F4179
Manual call point with Short circuit isolator	DM2080I-N Addressable, 2000 series RED manual call point with dual isolator included	0786-CPR-21394
Manual call point	DM3000 Intelligent Addressable Manual Call Point - Aritech (Red)	0370-CPR-3122
Manual call point	DM3000S06 Intelligent Addressable Manual Call Point – Swedish Aritech (Red)	0370-CPR-3122
Manual call point	DM3000S18 Intelligent Addressable Manual Call Point – Polish Aritech (Red)	0370-CPR-3122
Manual call point	DM3000E Intelligent Addressable Manual Call Point – Weatherproof Aritech (Red)	0370-CPR-3122
Manual call point	DM3000ES06 Intelligent Addressable Manual Call Point – Weatherproof Swedish Aritech (Red)	0370-CPR-3122
Manual call point	DM3000ES18 Intelligent Addressable Manual Call Point – Weatherproof Polish Aritech (Red)	0370-CPR-3122
Intelligent Addressable Manual Call Point - (red)	KE-DM3010R	0370-CPR-6533
Intelligent addressable Manual Call Point -Swedish (red)	KE-DM3010RS06	0370-CPR-6533

Intelligent addressable Manual Call Point -Polish (red)	KE-DM3010RS18	0370-CPR-6533
Intelligent addressable Manual Call Point - Waterproof Polish (red)	KE-DM3010RS27-IP	0370-CPR-6533
Intelligent addressable Manual Call Point -Chubb (red)	KE-DM3010RSCH	0370-CPR-6533
Intelligent addressable Manual Call Point -Clymac (red)	KE-DM3010RSCL	0370-CPR-6533
Smoke detector - Point detector using scattered light, transmitted light or ionization	DP2061N Optical smoke detector, remote output	1134-CPR-010
Smoke detectors - Point detectors using scattered light, transmitted light or ionization	DP2061T Optical Smoke Alarm Detector	1134-CPR-023
Heat detectors - Point detectors	DT2063N	0370-CPR-2410
Smoke detector - Line detector using an optical beam	FD2705R Line-type smoke detector	0786-CPR-21694
Smoke detector - Line detector using an optical beam	FD2710R Line-type smoke detector	0786-CPR-21694
Intelligent adresssable dual optical detector with integrated short circuit isolator (White)	KE-DP3120W	0370-CPR-6838
Intelligent adresssable dual optical detector (White)	KE-DP3020W	0370-CPR-6839
Intelligent adresssable dual optical /heat detector with integrated short circuit isolator (White)	KE-DP3121W	0370-CPR-6840
Intelligent adresssable dual optical /heat detector with integrated short circuit isolator (black)	KE-DP3121B	0370-CPR-6840
Intelligent adresssable dual optical /heat detector (White)	KE-DP3020W	0370-CPR-6841
Intelligent adresssable dual optical /heat detector (Black)	KE-DP3021B	0370-CPR-6841
Intelligent adresssable class A/B heat detector with integrated short circuit isolator (White)	KE-DT3101W-HAB	0370-CPR-6842
Intelligent adresssable class A/B heat detector (White)	KE-DT3001W-HAB	0370-CPR-6843
INTELLIGENT ADDRESSABLE INPUT UNIT WITH ISOLATOR - 1 INPUT (WHITE)	KE-IU3110	0370-CPR-6987
INTELLIGENT ADDRESSABLE OUTPUT UNIT WITH ISOLATOR - 1 OUTPUT (WHITE)	KE-IO3101	0370-CPR-6988
INTELLIGENT ADDRESSABLE OUTPUT UNIT WITH ISOLATOR - 1 OUTPUT MAINS SWITCHING (WHITE)	KE-IO3101-M	0370-CPR-6990

Input/output devices	IO2034NC	0370-CPR-2942
Short-circuit isolators	ISM-95	0786-CPD-20693 and DoP 47695-20693
Input/output devices	IU2050NC Fire Detection, Input/Output Device	0370-CPR-2858
Input/output devices	IU2055NC ²⁾ Fire Detection, Input/Output Device	0370-CPR-3235
Input/output devices	IU2080NC Fire Detection, Input/Output Device	0370-CPR-2954
Addressable fire panel repeater with touchscreen	2X-AT-FR	0370-CPR-6472
Addressable fire panel repeater with touchscreen and Fire Brigade controls	2X-AT-FR-FB	0370-CPR-6472
Addressable fire panel repeater with touchscreen and Fire Brigade controls, small cabinet	2X-AT-FR-FB-S	0370-CPR-6471
Excellence Adressable Palen Interface Card (APIC)	9-30441	0370-CPR-6632
Intelligent adressable 2 input/2 output unit with isolator	KE-IO3122	0370-CPR-6991
Intelligent adressable 4 input/4 output unit with isolator	KE-IO3144	0370-CPR-6991
Intelligent adressable zone monitoring unit with isolator (ext. Power)	KE-IU3111-ZME	0370-CPR-6989
Intelligent Adressable Manual Call Point - Waterproof (red)	KE-DM3010R-IP	0370-CPR-6533
Intelligent adressable Manual Call Point -English (red)	KE-DM3010RS27	0370-CPR-6533
Intelligent adressable Manual Call Point w/ ISO (red)	KE-DM3110R	0370-CPR-6534
Intelligent adressable Manual Call Point w/ ISO Waterproof (red)	KE-DM3110R-IP	0370-CPR-6534
Intelligent adressable Manual Call Point w/ ISO Swedish (red)	KE-DM3110RS06	0370-CPR-6534
Intelligent adressable Manual Call Point w/ ISO Polish (red)	KE-DM3110RS18	0370-CPR-6534
Intelligent adressable Manual Call Point w/ ISO Waterproof Polish (red)	KE-DM3110RS18-IP	0370-CPR-6534
Intelligent adressable Manual Call Point w/ ISO (red)	KE-DM3110RS27	0370-CPR-6534
Intelligent adressable Manual Call Point w/ ISO Waterproof English (red)	KE-DM3110RS27-IP	0370-CPR-6534

Intelligent addressable Manual Call Point w/ ISO Chubb (red)	KE-DM3110RSCH	0370-CPR-6534
Intelligent addressable Manual Call Point w/ ISO Clymac (red)	KE-DM3110RSCL	0370-CPR-6534

Bilag/Annex: 2

PRØVNINGS DOKUMENTATION

TEST DOKUMENTATION

Akkediteret laboratorium <i>Accredited laboratory</i>	Rapport nr <i>Report no.</i>	Dato <i>Date</i>
LGAI Technological center, S.A.	22/36403505	2022-12-13
LGAI Technological center, S.A.	24/36400271	2024-01-17
LGAI Technological center, S.A.	24/36401251	2024-05-30
LGAI Technological center, S.A.	24/36401252	2024-05-30

Bilag/Annex: 3

TEKNISK DOKUMENTATION
TECHNICAL DOCUMENTATION

Titel Name	Reference Refence	Dato Date
2X-A-seriens betjeningsmanual	P/N 00-3280-505-0007-01	2022-10-24
2X-A-seriens installationsmanual	P/N 00-3280-501-0007-01	2022-11-29
2X-A-seriens kvik betjeningsvejledning	P/N 00-3280-508-0007-01	2023-01-12
2X-A-seriens kvik installationsvejledning	P/N 00-2380-507-0007-06	2023-01-19
2X-A-serien manual til det skandinaviske marked	P/N 00-3280-505-0107-01	2023-03-06
Installationsheet	P/N 10-4001-501-1700-02c	2023-09-22
Installationsheet	P/N 12-0201-501-4000-01	2023-11-21
Installationsheet	P/N 12-0201-501-4001-01	2023-11-21
Installationsheet	P/N 12-0201-501-4004-01	2023-11-21
Installationsheet	P/N 3102984-ML, Rev. 001	2023-11-29
Installationsheet	P/N 3102986-ML, Rev. 001	2023-11-29

Bilag/Annex: 4

AFVIGELSER DEVIANCE

- 1) The CIE's have the following exceptions regarding compliance with the options with requirements:

OwR 7.8	Excluding repeaters and control panels operating in EN 54-2 Evacuation mode or NBN mode.
OwR 7.9	Excluding repeaters, control panels without fire routing, and control panels with fire routing operating in NBN mode.
OwR 7.10	Excluding repeater and control panels without fire protection controls.
OwR 7.11	Excluding repeaters.
OwR 7.12	Excluding repeaters.

- 2) The IO2034NC, IU2050NC, IU2055NC and IU2080NC 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.
- 3) The equipment IU2055NC only complies partially to the standard 54-13, between the working voltages range 21 to 28 V