DBI CERTIFICATION

CERTIFICATE

Autronica Fire and Security A/S
Haakon VII's Gate 4
7483 Trondheim
Norge

Certifikat nr.
Certificate no.

232.269

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

AutroPrime 2 **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 54-13:2005	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:* 2021-07-15
Udløber/*expire:* 2024-06-09
Erstatter tidligere udstedt certifikat 2021-07-09
Replace previous issued certificate 2021-07-09

Allan Laursen

Merete Poulsen

DANAK
Prod. Reg. Nr. 7023

Bilag/Annex: 1

OMFANG/*EXTENT*

Type ***Type***	**Produkt** ***Product***	**Certifikat** ***Certificate***
Control and indicating equipment with Power supply equipment	BS-200 Fire Alarm Control Panel	0470-CPD-0019 and DoP 0470-CPR-0019
Control and indicating equipment with Power supply equipment	BS-210 Operator Panel	0470-CPD-0019 and DoP 0470-CPR-0019
Control and indicating equipment with Power supply equipment	BS-211 Reapeter Panel	0470-CPD-0019 and DoP 0470-CPR-0019
Control and indicating equipment with Power supply equipment	BV-210 Information Panel	0470-CPD-0019 and DoP 0470-CPR-0019
Control and indicating equipment with Power supply equipment	BU-210 Fire Brigade Panel	0470-CPD-0019 and DoP 0470-CPR-0019
Control and indicating equipment with Power supply equipment	BU-210 Alarm Storing Panel	0470-CPD-0019 and DoP 0470-CPR-0019
Control and indicating equipment with Power supply equipment	BUR-200 LED Mimic Driver	0470-CPD-0019 and DoP 0470-CPR-0019
Power Supply Equipment	BPS-410	0359-CPD-0110 And DoP 0359-CPR-0110
Power Supply Equipment	AU2402	2531-CPR- 11216
Power Supply Equipment	AU2405	2531-CPR-11217
Power Supply Equipment	AU2410	2531-CPR-11217
Asserories to the above	BUP-200 Printer unit.	
Manual Call Points	BF-300V2	0333-CPR-075247
Manual Call Points	BF-510WP-H	0333-CPR-075245
Heat detectors and smoke detectors - Point detectors using scattered light, transmitted light or ionization with Short-circuit isolators	BH-220	1134-CPR-017
Heat detectors and smoke detectors - Point detectors using scattered light, transmitted light or ionization with Short-circuit isolators	BHH-220	1134-CPR-017
Heat detectors and smoke detectors - Point detectors using scattered light, transmitted light or ionization with Short-circuit isolators	BH-320	1134-CPR-017

Bilag/Annex: 1

OMFANG/*EXTENT*

Type ***Type***	**Produkt** ***Product***	**Certifikat** ***Certificate***
Heat detectors and smoke detectors - Point detectors using scattered light, transmitted light or ionization with Short-circuit isolators	BHH-320	1134-CPR-017
Heat detectors and smoke detectors - Point detectors using scattered light, transmitted light or ionization with Short-circuit isolators	BHH-520	1134-CPR-017
Smoke Point detectors using scattered light, transmitted light or ionization with Short-circuit isolators	BH-200	1134-CPR-016
Smoke Point detectors using scattered light, transmitted light or ionization with Short-circuit isolators	BHH-200	1134-CPR-016
Smoke Point detectors using scattered light, transmitted light or ionization with Short-circuit isolators	BH-300	1134-CPR-016
Smoke Point detectors using scattered light, transmitted light or ionization with Short-circuit isolators	BHH-300	1134-CPR-016
Smoke Point detectors using scattered light, transmitted light or ionization with Short-circuit isolators	BH-500	1134-CPR-016
Smoke Point detectors using scattered light, transmitted light or ionization with Short-circuit isolators	BHH-500	1134-CPR-016
Smoke Point detectors using scattered light, transmitted light or ionization with Short-circuit isolators	BHH-500/S	1134-CPR-016
Heat detectors - Point detectors with Short-circuit isolators	BD-200	1134-CPR-018
Heat detectors - Point detectors with Short-circuit isolators	BDH-200	1134-CPR-018
Heat detectors - Point detectors with Short-circuit isolators	BD-200M	1134-CPR-018
Heat detectors - Point detectors with Short-circuit isolators	BD-300	1134-CPR-018
Heat detectors - Point detectors with Short-circuit isolators	BDH-300	1134-CPR-018
Heat detectors - Point detectors with Short-circuit isolators	BD-500	1134-CPR-018
Heat detectors - Point detectors with Short-circuit isolators	BDH-500	1134-CPR-018
Heat detectors - Point detectors with Short-circuit isolators	BD-501	1134-CPR-018

DANAK
Prod. Reg. Nr. 7023

Bilag/Annex: 1

OMFANG/*EXTENT*

Type ***Type***	**Produkt** ***Product***	**Certifikat** ***Certificate***
Flame detectors - Point detectors	BG-21	2831-CPR-F4095
Flame detectors - Point detectors	BG-201	2831-CPR-F4096
Input/output devices with Short-circuit isolators	BNB-331	0470-CPD-0031 And DoP 0470-CPR-0031
Input/output devices with Short-circuit isolators	BN-303	0333-CPR-075249
Input/output devices with Short-circuit isolators	BN-304	0333-CPR-075248
Input/output devices with Short-circuit isolators	BN-305	0470-CPD-0031 And DoP 0470-CPR-0031
Input/output devices with Short-circuit isolators	BN-305-2	0470-CPD-0031 And DoP 0470-CPR-0031
Input/output devices with Short-circuit isolators	BN-307	0470-CPD-0031 And DoP 0470-CPR-0031
Sounders with Short-circuit isolators	BBR-130	0832-CPD-1045 And 0832-CPR-1045
Sounders with Short-circuit isolators	BBR-230	0832-CPD-1043 And 0832-CPR-1043
Sounders with Short-circuit isolators	BBR-230/IP	0832-CPD-1044 And DoP 0832-CPR-1044
Sounders with Short-circuit isolators	BBQ-130	0832-CPD-1046 and DoP0832-CPR-146.
Sounders with Short-circuit isolators	BBQ-230/IP	0359-CPR-00831
Sounders with Short-circuit isolators	BBQ-230	0359-CPR-00831
Short-circuit isolators	BBL-100/IP Beacon Outdoor Adressable	0832-CPD-1040 and DoP 0832-CPR-1040
Short-circuit isolators	BBL-100 Beacon Indoor Adressable	0832-CPD-1039 and DoP 0832-CPR-1039
X units Zone 2 ***EX komponenter Zone 2***		
Heat detectors - Point detectors with Short-circuit isolators	BD-500/N	1134-CPR-018
Heat detectors - Point detectors with Short-circuit isolators	BD-501/N	1134-CPR-018

DANAK
Prod. Reg. Nr. 7023

Bilag/Annex: 1

OMFANG/*EXTENT*

Type ***Type***	**Produkt** ***Product***	**Certifikat** ***Certificate***
Smoke Point detectors using scattered light, transmitted light or ionization with Short-circuit isolators	BH-500/N	1134-CPR-016
Heat detectors and smoke detectors - Point detectors using scattered light, transmitted light or ionization with Short-circuit isolators	BH-520/N	1134-CPR-017
X units Zone 0, Zone 1 and Zone 2 ***EX komponenter Zone 0, Zone 1 og Zone 2***		
Input/output devices	Barrier unit BZ-500	0470-CPD-030 and Dop 0470-CPR-0030
Heat detectors - Point detectors with Short-circuit isolators	BD-500/EX	1134-CPR-018
Heat detectors - Point detectors with Short-circuit isolators	BD-501/EX	1134-CPR-018
Heat detectors - Point detectors with Short-circuit isolators	BDH-500/EX	1134-CPR-018
Manual Call Points with Short-circuit isolators	BF-500V2/EX	0333-CPR-075244
Smoke Point detectors using scattered light, transmitted light or ionization with Short-circuit isolators	BHH-500/EX	1134-CPD-016
Heat detectors and smoke detectors - Point detectors using scattered light, transmitted light or ionization with Short-circuit isolators	BH-520/EX	1134-CPD-017
Accessory to Adressable and conventional smoke, heat and multi detectors	Remote Indicator BU-47	Type 2 componet must be connected to Type 1 heat detector, smoke detector or multi detector

DBI Certification A/S
Jernholmen 12, 2650 Hvidovre
Tlf.: 36 34 90 90
E-mail: info@dbicertification.dk
www.dbicertification.dk

Bilag/Annex: 2

PRØVNINGSDOKUMENTATION
TEST DOKUMENTATION

Akkrediteret laboratorium *Accredited laboratory*	**Rapport nr** *Report no.*	**Dato** *Date*
DELTA	DANAK-1910238	2008-07-24
DELTA	DANAK-1912598	2012-11-14
Nemko	FSC541231002.00	2021-04-21

DBI Certification A/S
Jernholmen 12, 2650 Hvidovre
Tlf.: 36 34 90 90
E-mail: info@dbicertification.dk
www.dbicertification.dk

Bilag/Annex: 3

TEKNISK DOKUMENTATION
TECHNICAL DOCUMENTATION

Titel ***Name***	**Reference** ***Refence***	**Dato** ***Date***
Installation Handbook	116-P-APRIME2-INSTAL/DGB	2012-01-10
Betjeningsvejledning *Operation Manual*	116-P-APRIME2-OPERATE/FDK	2012-12-18
Configuration Handbook	116-P-APRIME2-CONFIG/EGB	2012-01-10
Getting started	116-P-APRIME2-GETSTAR/EGB	2012-01-10
System description	116-P-APRIME2-SYSTEM/XGB	2012-01-10

DBI Certification A/S
Jernholmen 12, 2650 Hvidovre
Tlf.: 36 34 90 90
E-mail: info@dbicertification.dk
www.dbicertification.dk

Bilag/Annex: 4

AFVIGELSER
DEVIANCE

System operational limits

The following specifications relevant for the system compatibility test are given by the manufacturer prior to the testing:

Autroprime:

- Norminal voltage is 27.2 VDC.
- Battery valtage range is 21.6 – 28.0 VDC.
- Mains voltage range for the power supply unit is 176 VAC to 253 VAC.

Autroprime analogue addressable loop (BSD-200 and BSA-200A):

- Maximum serial cable resistance is 50 Ω.
  The maximum cable resisyance requirement corresponds to a maximum loop cable length of 100 m @ 2 x 0.75 mm².
- Maximum cable capacitance is 0.5 µF.
- Maximum current load of the addressable loop from all loop devices is specified by the client to be 100 mA at a cable resistance of 50 Ω. This applies to both quiescent and alarm conditions.
  For the testing in maximum load condition, the current load in quiescent condition is limited to 90 mA when the tested alarm and fault conditions do not include activation of sounders and strobe units and approx.. 75 mA when sounder and strobe units are to be activated. This ensures sufficient reserve for current consumption by LEDs and sounder/strobe devices in alarm condition.