

CERTIFICATE

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

Certifikat nr.
Certificate no.

232.267

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 overensstemmelsecertifikat 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

AutroSafe 4

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: 2020-05-27

Udløber/expire: 2020-09-01

Erstatter tidligere udstedt certifikat 2020-03-19
Replace previous issued certificate 2020-03-19



Merete Poulsen



Allan Laursen

Component <i>Komponent</i>	Certifikat <i>Certificate</i>
Control and Indicating Equipment with Power Supply/ <i>Kontrol og indikeringsudstyr med strømforsyning</i>	
AutroSafe 4	0905-CPR-00008
Call points/Alarmtryk	
BF-300V2	0333-CPD-075247
BF-510WP-H	0333-CPD-075245
Multisensor/Multisensor	
BH-220	1134-CPD-017
BH-320	1134-CPD-017
BH-520	1134-CPD-017
Optical detectors/Optisk detektor	
BH-200	1134-CPD-016
BH-300	1134-CPD-016
BH-500	1134-CPD-016
Heat detectors/Termodektektor	
BD-200	1134-CPD-018
BD-200M	1134-CPD-018
BD-300	1134-CPD-018
BD-500	1134-CPD-018
BD-501	1134-CPD-018
EX units Zone 2/EX komponenter Zone 2	

Component <i>Komponent</i>	Certifikat <i>Certificate</i>
Heat detector BD-500/N	1134-CPD-018
Heat detector BD-501/N	1134-CPD-018
Optical detector BH-500/N	1134-CPD-016
Multi sensor BH-520/N	1134-CPD-017
EX units Zone 0 and Zone 1/ EX komponenter Zone 0 og Zone 1	
Barrier unit BZ-500	0470-CPD-030
Heat detector BD-500/EX	1134-CPD-018
Heat detector BD-501/EX	1134-CPD-018
Call point BF-500V2/EX	0333-CPD-075244
Optical detector BH-500/EX	1134-CPD-016
Multi sensor BH-520/EX	1134-CPD-017
Sounders and strobe units/ Lydgivere og blink enheder	
Loop sounder BBR-200	0832-CPD-0141
Socket sounder BBR-110	0832-CPD-0140
Addressable indoor base sounder BBR-130	0832-CPD-1045
Addressable indoor sounder BBR-230	0832-CPD-1043
Addressable outdoor sounder BBR-230/IP	0832-CPD-1044
Addressable base sounder and strobe BBQ-130	0832-CPD-1046
Addressable indoor sounder and strobe BBQ-230	0832-CPD-1041
Addressable outdoor sounder and strobe BBQ-230/IP	0832-CPD-1042
Addressable indoor strobe BBL-100	0832-CPD-1039

Component <i>Komponent</i>	Certifikat <i>Certificate</i>
Addressable outdoor strobe BBL-100/IP	0832-CPD-1040
Input/Output units/ Input Output enheder	
Single monitored input BN-303	0333-CPD-075249
Single monitored input/output BN-304	0333-CPD-075248
Dual monitored input/output BN-305	0470-CPD-0031
Repeater/Fire brigade panel BN-307	0470-CPD-0031
Conventional loop interface/ Konventionel loop interface	
Conventional loop interface BNB-331	0470-CPD-0031

Bilag/Annex: 2

PRØVNINGSdokUMENTATION TEST DOKUMENTATION

Akkediteret laboratorium <i>Accredited laboratory</i>	Rapport nr <i>Report no.</i>	Dato <i>Date</i>
DELTA	DANAK-19/11715, Project no. A530940	21. December 2011
DELTA	DANAK-19/12349, Project no. T201083	16. August 2012

Bilag/Annex: 3

TEKNISK DOKUMENTATION
TECHNICAL DOCUMENTATION

Titel Name	Reference Refence	Dato Date
Installationshåndbog <i>Installation Manual</i>	116-P-ASAFE-INSTALL/DGB Rev. G	2011-12-06
Brugervejledning <i>Operation Manual</i>	116-P-ASAFE-OPERATE/FN Rev. B	2011-01-20

Bilag/Annex: 4

AFVIGELSER

DEVIANCE

The following requirements must be fulfilled:

- The total current load from all detectors etc. connected to the addressable loop shall be less than or equal to 90 mA in quiescent as well as alarm condition.
- With the maximum current load of 100 mA, the serial cable resistance of the BS-420 loop circuit shall be less than or equal to 50 Ω totally for both loop wires together.
- The cable capacitance of the BS-420 loop circuit shall be less than or equal to 0.5 μ F.
- All analogue addressable devices connected to the loop shall have a supply voltage range equal to or bigger than 22.00-24.80 VDC.