



Polski Rejestr Statków

TYPE APPROVAL CERTIFICATE

This is to certify that the undernoted product type

FIRE TECHNICAL ANCILLARY EQUIPMENT

Ex Zener Barrier Unit BZ-500
Smart Buzzer BBR-52
Electronic Sounder BBR-200
I/O-Units: BN-300 BN-303 BN-304 BN-305 BN-307 BN-310 BN-320 BN-500/EX
Conventional Loop Interface: BNB-330A BNB-331
End of Line Unit BNY-330

issued to

Autronica Fire and Security AS
Bromstadveien 59
NO-7047 Trondheim
Norway

is approved as complying with the requirements of the
 PRS Rules and is suitable for use on board of ships classified by PRS or in appliances with PRS certificates.

Certificate No. TE/2138/930052/16

Expiry date 2021-11-13

Issued at

Gdańsk, 2016-11-14



[Handwritten Signature]
 Signature

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Continued overleaf

Technical data

BZ-500 - AutoSafe Ex Barrier Unit: 24VDC, IP55
 BBR-52 - Smart Buzzer: 4 kHz, 80 dB
 BBR-200 - Electronic Sounder 14÷27VDC, 990Hz, 93÷100dB, IP42/66

I/O units - Type AutoSafe. Version:

BN-300 - Input Unit with SelfVerify function
 BN-303 - Single Monitored Input Unit
 BN-304 - Single Monitored Input/Output Unit
 BN-305 - Dual Monitored Input/Output Unit
 BN-307 - Monitored Fire Alarm Device Control Unit
 BN-310 - Single Relay Output Unit
 BN-320 - I/O Unit with SelfVerify function
 BN-500/Ex - Input Unit with SelfVerify function. Eexia

BNB-330A - Conventional Loop Interface
 BNB-331 - Conventional Loop Interface
 BNY-330 - End of Line Unit

Basis of approval

1. The technical documentation approved by PRS on 2016-11-14.
2. The test reports: DNV 99-1491 rev.02, DNV 2000-1178 rev.02, DE080074A, DE080074, 187264 TRF, 187265 TRF, 187266 TRF, 187267 TRF, 187270 TRF, 187271 TRF, DNV 2010-3107 rev.01, Nemko E12044.00.
3. The EC-Type Examination Certificates: Nemko 03ATEX218X Issue 8, Nemko 03ATEX230 Issue 6 & DNV-GL MED-B-9025.
4. The inspection of the production process and quality control system carried out in July 2015.
5. The Quality Management System Certificate No. NO-900776 issued by Nemko.
6. The previous PRS Type Approval Certificate No. TE/1921/930052/11 & TE/1943/930052/12.

Additional conditions and remarks

Autronica Fire & Security AS Division Maritime Agent, Distributor and Service Representative:
 SEALAB sp. z o.o. 81-589 Gdynia, ul. Koperkowa 57 Poland.

Notes

- 1 The approval is valid only when the product is used in accordance with the manufacturer's conditions.
- 2 Changes of product design and materials which influence product quality are to be agreed with PRS.
- 3 Type Approval Certificate will be cancelled in the case of dissatisfactory service results, modifications made in the product structure or materials without PRS' consent, not advising PRS of the manufacturer's name change.

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