



TYPE APPROVAL CERTIFICATE
No. ELE216226CS

This is to certify that the product below is found to be in compliance with the applicable requirement of the RINA type approval system.

<i>Description</i>	Fire detection and fire alarm system
<i>Type</i>	Fire Safety System
<i>Applicant</i>	AUTRONICA FIRE AND SECURITY AS Bromstadvegen 59 NO-7047 Trondheim NORWAY
<i>Manufacturer</i>	AUTRONICA FIRE AND SECURITY AS
<i>Place of manufacture</i>	Bromstadvegen 59 NO-7047 Trondheim NORWAY
<i>Reference standards</i>	IACS UR E27 Rev.1 Cyber Resilience of On-board systems and equipment, RINA Rules for Classification of Ships Pt C, Ch 3,Sec 4 & 5.

Issued in **Genoa** on **May 14, 2026**. *This Certificate is valid until* **May 14, 2031**

RINA Services S.p.A.
Luigi Benedetti

This certificate consists of this page and 1 enclosure

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Fire Safety System

The fire and gas safety system is composed by the following key CBS:

CBS	Description	OEM/Manufacturer
AutoMaster ISEMS	Integrated Safety and Emergency Management System	Autronica
Fire Panels (Autosafe and Autoprime)	Fire panels are connected to various types of detectors. Provides detection and management of fire safety systems. Prime and Safe use the same OS.	Autronica
L2 Switches	Layer two 2000 series of switches for connecting AutoMaster and Panels.	Phoenix Contact
Firewall / VPN	FL mGuard 4302 provides firewall and VPN tunnel capability	Phoenix Contact

The Autronica systems are designed and configured to operate within their own networks and safety zones, The security controls are implemented at multiple layers, to create a comprehensive protective strategy for the Autronica fire and security systems (physical, network, application, data and administrative layers).

The secure operation of Autronica fire and security systems depends on users and administrators following the security best practices listed in the secure Configuration Guidelines.

All the commissioning activities are performed exclusively by Autronica engineers or certified trained personnel.

Application:

In each case of installation on board, the following documentation is to be submitted for approval:

- Cyber Type Approval of the system
- Asset Inventory list
- Topology diagram of the system
- Test report from the manufacturer

Any modification on the system that is covered by this Type Approval certificate shall be documented and submitted for approval in each case.

If the changes affect the functionality of the system for which rule requirements apply, a new functional type test may be required and the Type Approval certificate may have to be renewed. Minor changes are covered by this Type Approval.

Recommendations:

- Ensure that switches are in physically access controlled areas
- Establish procedures for physical access to network infrastructure
- Document all physical access events if possible
- Environmental considerations should be taken into consideration as per Autronica EHS policy

Type Approval documentation:

- Inventory list - E27 TA
- Topology Diagram-Rina
- Description of Security Capabilities-RINA-2.2
- Test procedure for security capabilities- v3
- Security configuration guideline-RINA-2.1.0
- Test procedure for security capabilities- RINASigned (test report witnessed)

All the documentation received and analyzed is under the approval letter ELET/2026/301/LL003

Genoa May 14, 2026