



Alewijnse Marine Systems

Monitoring, Alarm & Control System

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Monitoring, Alarm & Control System

Alewijnse has developed an alarm, monitoring and control system for seagoing vessels. The system is in full compliance with Bureau Veritas and Germanischer Lloyd. ALMACS is a PLC based system, designed with stability and user friendliness in mind. Due to an orderly arrangement of the menu's and alarm banner on the standard 12" touch screens, it can be easily operated from both the engine room and bridge.

ALMACS 4.0 is the second generation alarm and monitoring system. Based on standard Telemecanique automation and control components with marine authorities certification, which makes spare parts world wide available.

System specifications ALMACS 4.0

- Maximum of 1024 discrete inputs
- Maximum of 64 analogue inputs (each with 4 alarm set points)
- Maximum of 4 touch screens
- Maximum of 4 cabin units and 1 mess room unit
- 1 watch entrance unit
- Logging of alarms
- Logging of setting changes
- Communication Modbus TCP/IP

Options

- Printer
- Communication Modbus RS485/422
- E-mail
- Sms
- Exhaust gas monitoring
- Customized mimics
- Display in cabins: text lines, touchscreen

Features

- Fully PLC and operator terminal based
- Colour TFT touch screen control
- Duty engineer selection with cabin units
- Unmanned engine room
- Historical functions, 450 lines of data

Benefits

- Dedicated standard system
- Commercial off-the-shelf
- Basic and customized solutions
- User friendly
- Easy operation
- High technical standard

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