

The LYNX V3+ is compulsory to monitor the vigilance of the officer in charge of the watch. This officer has to periodically reset the timer (adjustable up to 12 minutes) by simply pressing a luminous push button. The start-up of the safety equipment is protected by an access code or an external switch key (optional).

PG 10 PRODUCT SPECIFICATIONS



DESCRIPTION

Application

The lynx V3+ is an equipment to monitor the vigilance of the officer in charge of the watch (engine or bridge) and warn officers and the crew in case of faintness of this one.

This equipment is completed with remote alarm panels which permit to remote the time countdown reset, and alarm levels: wheelhouse level, officer level and crew level.

Functional characteristics

Functions

- Main power supply / emergency automatic changeover switch with alarm
- Day/night type dimmer
- Clear display of the alarms and remaining time
- Emergency call push button
- Languages : French / English / Spanish
- Officer on duty selection and naming (available only with LYNX B BUS remote panels)
- External alarm transfer on the "LYNX network"
- Optional countdown reset by motion sensors or navigation equipment (with serial link NMEA 0183)

Inputs

- Two N.O. dry contact inputs for external countdown reset
- One input for switching on in automatic mode (with LYNX KM or other navigational equipment).
- One input for access protection by key (with LYNX KI) or alarm transfer.

Outputs

- Visible alarm output for indications in wheelhouse (level 1)
- Alarm output for audible devices in wheelhouse (level 1)
- Alarm output for audible devices in officer cabins (level 2)
- Alarm output for audible devices in crew areas (level 3)
- "System fault" output (N.C. dry contact, 0.5A max)
- Serial output to NMEA device (VDR)
- 24VDC switched power supply output for associated products
- Serial output for bus remote panels : LYNX REB BUS, LYNX B BUS, LYNX EC BUS, and motion sensor interface LYNX MSI

Configuration

- By password on the screen (user-modifiable) or with an external key switch (LYNX KI)

Mechanical characteristics

Dimensions (LxdxH) :

- Box : 170x168x58 mm
- Front : 170x168x23 mm
- Flush mounting cut : 138x130 mm

Weight: 1Kg

Material: ABS

Electrical characteristics

- Power supply : 24VDC -25% / +30%
- Consumption : 0.2 @ 24VDC
- Protection : diodes and resettable fuses
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Regulation

Applicable regulation:

- CEI 62616 Ed.1 "Maritime Navigation and radio communication equipment and systems-BNWS- performance requirements, methods of testing and required test results"
- MSC.128(75) "performance standards for a BNWS"
- MSC.282(86) "Carriage requirements for ship borne navigational systems and equipment"

Approbations:

- M.E.D. certified + BUREAU VERITAS type approved.

Wiring principle and associated products

