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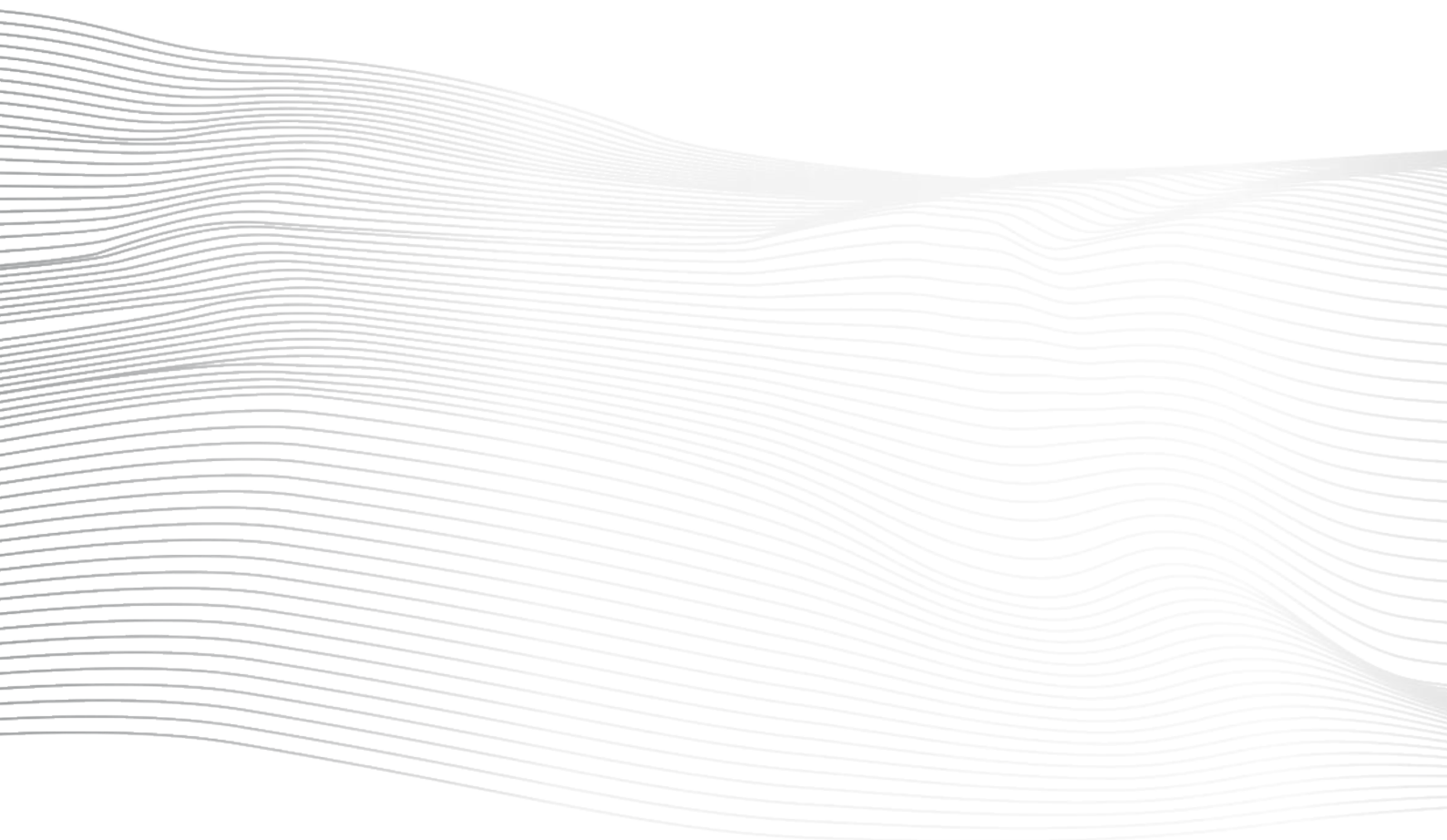
# NAUTICAL ALARM SYSTEM

NAS 24



**sm electrics**





**safety on board.**



# NAUTICAL ALARM SYSTEM

NAS 24

The type approved NAS24 nautical alarm system has been designed to display up to 23 binary alerts on a modern touch screen panel. Due to its intuitive user interface, the NAS24 commissioning and start-up process can be easily performed by the ship's crew. The main focus of the NAS24 is to provide a convenient and economical alarm system with a wide range of application, such as nautical alarms, tank level alarms, bilge level alarms, watertight doors and fire doors.



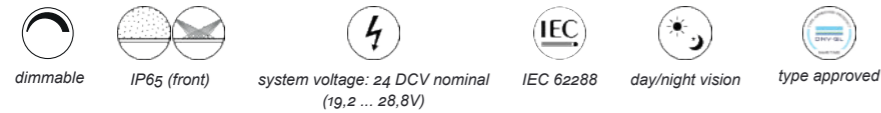
## APPLICATION

The main advantage of the NAS24 is its concept of operations. The whole commissioning such as alarm text changes, alarm delays and alarm input characteristics of the 23 binary inputs can be adjusted on the 7" touch screen panel. This makes the NAS24 a perfectly customizable alarm system for any kind of alarm monitoring application. Due to its type approval certificate, the NAS24 can be installed on the bridge as well as in the engine control room or any other location. As an additional feature the NAS24 has also the possibility to connect a second synchronized alarm screen, which can be necessary for some application. In some cases an automation and monitoring system is too cost-intensive for the specific application, where the NAS24 can be the perfect choice. Nautical alarms, tank level alarms, bilge level alarms, watertight doors and fire doors are only a few examples of possible application.

**7" full graphic display**

**easy to install**

**intuitive operation**

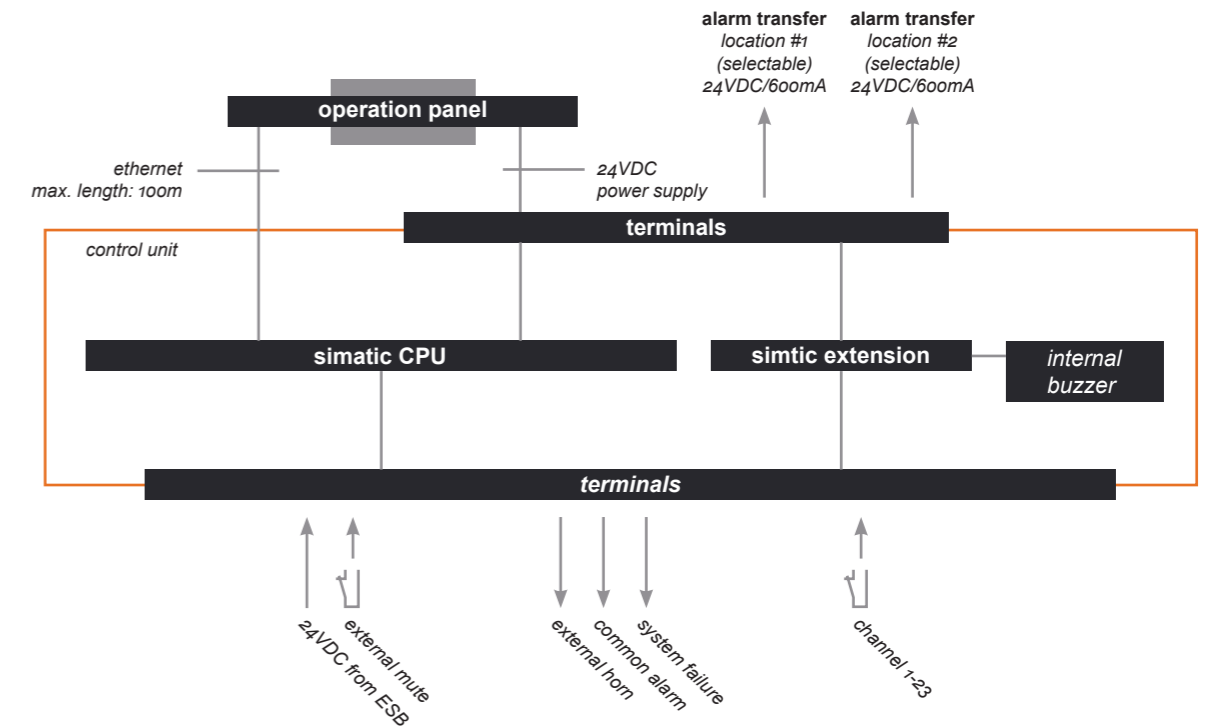


## DATA & FEATURES

- 24 inputs / alarm channels (dry contacts expected)
- external mute (dry contact expected)
- internal buzzer & output for external buzzer\*
- output for alarm transfer (common alarm)
- system failure (real watch dog)
- outputs for selectable alarm transfer locations\*
- text and parameter adjustments via screen menu
- nautical and machinery alarms on one common screen, due to successful merging of both specific class requirements

\* (600mA short-circuit protected voltage output 24VDC)

## CONTROL UNIT



## ADDITIONAL INFORMATION

**parameter adjustable**

**by user:**

- input logic n/o or n/c (each channel)
- alarm delay 0 ... 99 sec (each channel)
- each channel selectable as alarm or status indication
- alarm & status indication color selectable
- alarm transfer delay 0...99 sec (common alarm)
- 4 individual buzzer characteristics
- alarm text to be edited by user via on-screen keyboard
- on device user manual available
- system failure contact N/C 2A.
- ethernet cable length up to 100m (between control panel and control unit)

# PERIPHERY EQUIPMENT

## CONTROL PANEL

770912



### NAS | NAS 24-M02

- 7" screen (800 x 480px) (3:5)
- 8 hardware function keys
- dimension (158 x 214,9 x 55mm) (WxHxD)

## CONTROL UNIT

770911



### NAS | NAS 24-M01

- terminal modul with CPU and extension unit
- dimension (241 x 138mm)
- integrated alarm buzzer

## ALARM PANEL STAGE #3 *with buzzer (resettable)*

770931

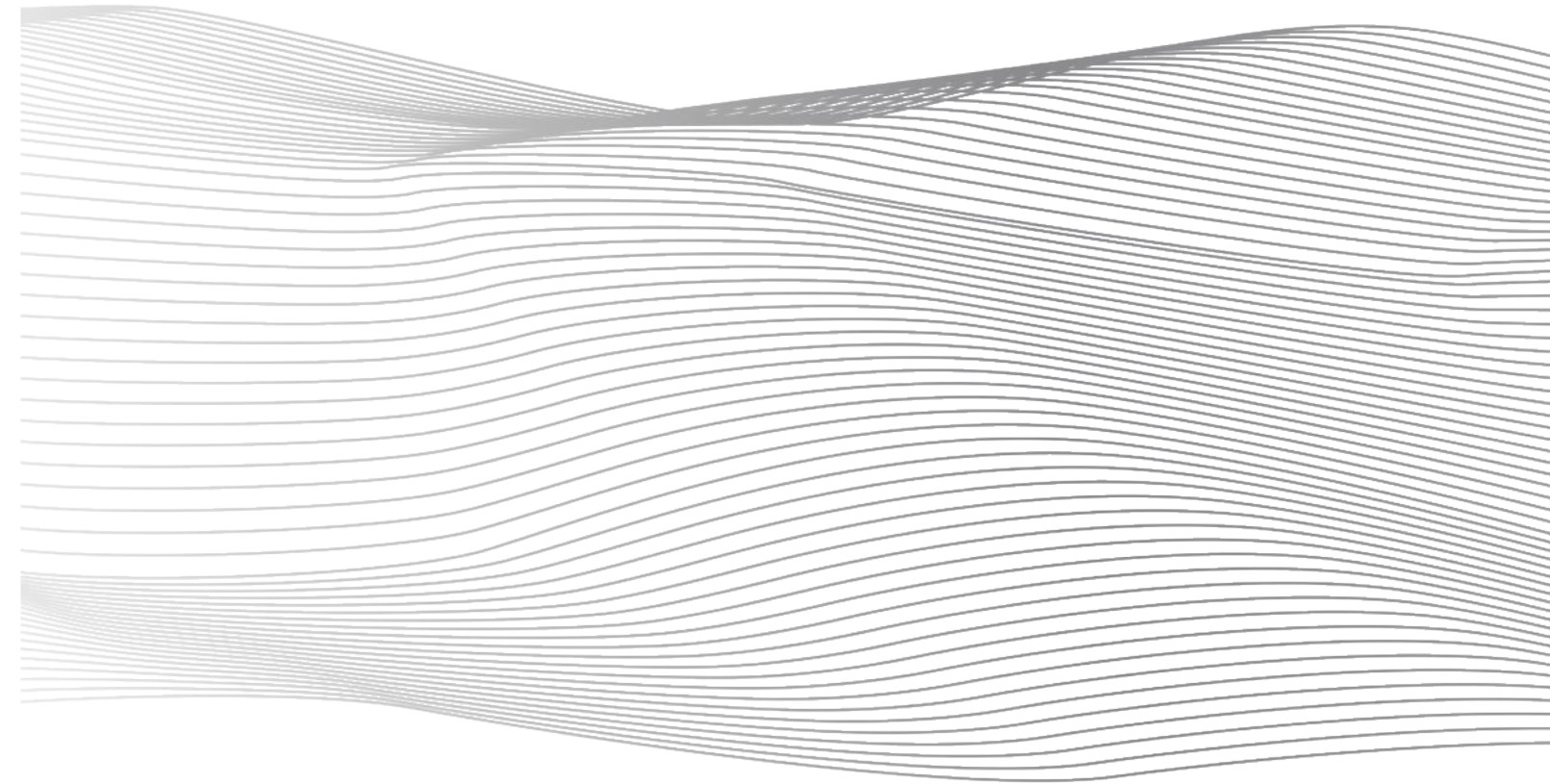


### DMA | WAP.222.2.0.1

- for engineer's cabin
- 80 dB(A)
- flush mounted
- 24 VDC; IP 23
- resettable

### 7" full graphic display

The dimmable 7" full graphic touch panel of the NAS24 provides a perfect overview of the current alarm situation. Its great viewing angles and contrast ratio makes it a reliable screen for this important application range.



## CONTACT

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