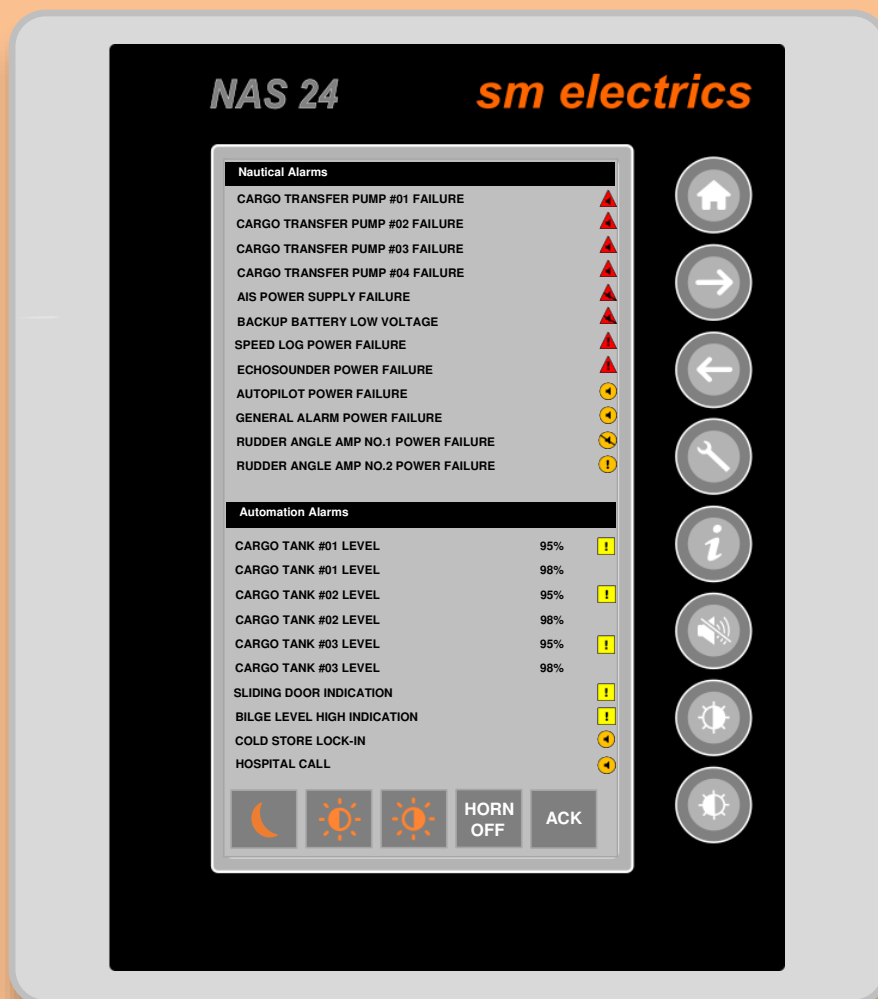


## Nautical Alarm System NAS 24

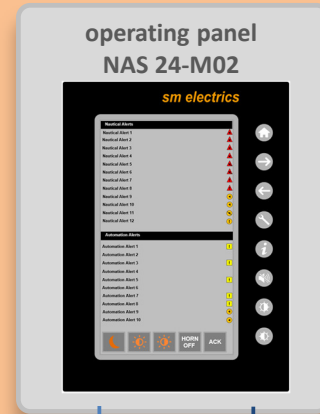
7" full graphic touch (158x214mm)



- ✓ *intuitive operation*
- ✓ *full overview about all monitored states*
- ✓ *easy to install*
- ✓ *text and parameter adjustments via on screen menu*
- ✓ *DNVGL type approval according to IEC 62288*

# Nautical Alarm System NAS 24

- nautical alarms
- tank level alarms
- bilge level alarms
- watertight doors
- fire doors



ethernet  
max. length: 200m

24VDC  
power supply

alarm transfer  
location #1  
(selectable)  
24VDC/600mA

alarm transfer  
location #2  
(selectable)  
24VDC/600mA

inside console

control unit NAS24-M01

terminal board module TS35 - 280x128mm

Simatic CPU

Simatic extension

internal  
buzzer

terminals

24VDC  
from ESB

external  
mute

channel  
#01

channel  
#03

channel  
#05

channel  
#07

channel  
#09

channel  
#11

channel  
#02

channel  
#04

channel  
#06

channel  
#08

channel  
#10

channel  
#12

external  
horn  
10A

common  
alarm  
(delayed  
0...99s)

system  
failure  
(watch  
dog)

channel  
#14

channel  
#16

channel  
#18

channel  
#20

channel  
#22

channel  
#13

channel  
#15

channel  
#17

channel  
#19

channel  
#21

channel  
#23

## Nautical Alarm System NAS 24

### *Application*

- designed to indicate binary alarms on a common screen especially for marine application. All alarm channels are permanently indicated even though they are not active to give full overview about the monitored states
- multiple display application is available (network)
- typical application:
  - nautical alarms
  - tank level alarms
  - bilge level alarms
  - watertight doors
  - fire doors
- compact i/o module to be mounted on terminal rail TS35
- type approved by all major classes

### *Technical system data & features*

- system voltage: 24VDC nominal (19,2....28,8V)
  - dimmable 7,0" full graphic touch display with day vision / night vision
  - touch panel protection rate: IP65 (front)
  - 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
- 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
  - each alarm text to be edited by user via on-screen keyboard

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