Daniamant
Be safe at sea

Nautical Alerts

Nautical Alert 1	⚠
Nautical Alert 2	⚠
Nautical Alert 3	⚠
Nautical Alert 4	⚠
Nautical Alert 5	⚠
Nautical Alert 6	⚠
Nautical Alert 7	⚠
Nautical Alert 8	⚠
Nautical Alert 9	
Nautical Alert 10	

BROCHURE

Nautical Alarm System
NAS24

Daniamant design and manufacture all of our products in line with the relevant worldwide approvals, technical specifications, current legislation and International directives.

Our mission is to achieve World class performance through partnerships with our suppliers, customers and employees, providing products and services that enhance the safety and security of our customers.

Daniamant products cover 12 key areas:
- Lifejacket Lights
- Liferaft Lights
- Lifebuoy Lights
- Intrinsically Safe Lights
- Special Lights
- LED Flares
- Forward Looking Sonars (FLS)
- Bridge Navigational Watch Alarm System (BNWAS)
- Salinometers
- Oil Level Alarm
- Electronic Inclinometer
- Agency for a range of world-renowned safety product brands
(supplied to the Danish market)

Further Information
For further information on our products, please see our website:
www.daniamant.com

Function
The NAS24 is a binary alert system 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. Alerts and alarms will be indicated on the 7'' TFT touch Panel and provide a sound via the build-in buzzer. These alarms and alerts can then be acknowledged accordingly.

The complete system consists of 2 units being an **Operating Panel** and a **Control Unit**. The Control Unit is a compact I/O module to be mounted on terminal rail TS35 and can take in up to 23 binary channels. Each channel is selectable as alarm or status indication and alarm text can be edited by user via the on-screen keyboard.

Front Panel

Control Unit

Typical Use
The NAS24 will typically be installed in the automation control room or similar location where alarms and alerts are monitored. The typical applications of nautical alarms can be but are not limited to e.g.:
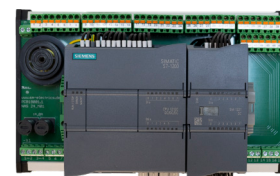
- Tank level alarms
- Bilge level alarms
- Boiler salinometer alarms
- Boiler oil level alarms
- Watertight doors
- Fire doors

Mains Supply

Type of supply voltage	DC
Rated value (DC)	24 V
Permissible range, lower limit (DC)	20,4 V
Permissible range, upper limit (DC)	28,8 V
Current consumption (rated value)	800 mA
Power consumption (rated value)	19,2 W

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Approvals

The NAS24 system is type approved by DNV-GL and to comply with DNV GL rules for certification of:

- High speed and light craft
- Ships

Scope of Delivery

Delivery of the NAS24 will be a complete package with all necessary units and documentation to ease the installation and start-up, including:

- NAS24 Operating Panel (NAS24-M02)
- NAS24 Control Unit (NAS24-M01)
- Ethernet Patch cable l=0,5m
- Power Supply Filter EPCOS B84113CB, 3A
- Power Supply Conductor, Dehn BVT-TC 1, 918 402

Dimensions

NAS24 Operating Panel (NAS24-M02): 158 mm X 214 mm x 45 mm weight 0.78 kg

NAS24 Control Unit (NAS24-M01): 236.7 mm x 142.3 mm x 124.3 mm weight 0.75 kg