



## MS 421B Bridge Nautical Watch Alarm System

Safety first, specially on the bridge. The MS 421B Bridge Nautical Watch Alarm System (BNWAS) guards you from the duty officer unintentionally falling asleep. By demanding action regularly, alertness is guaranteed and chances for accidents are reduced.

The MS 421B is type approved according to the current legislation for Bridge Nautical Watch Alarm Systems, as laid down by the IMO in resolution 128(75). IMO Res. A.694(17), IMO Res. MSC.128(75), IMO MSC/Circ.982, IMO Res. MSC.191(79), IMO Res. MSC.282(86), IEC 61162 Series, IEC 62288 Ed.1.0 (2008), IEC 60945 (2002), IEC 62616 (2010).

### Advantages:

- 🔊 Everything that is needed according to IMO 128(75) in one single housing
- 🔊 Communication interface to VDR and ECDIS (NMEA)
- 🔊 Extendable by means of extra reset buttons
- 🔊 Reports to the officer's cabins
- 🔊 Cost-reducing in installation
- 🔊 No disturbing lights, due to the dimming function
- 🔊 Possibility to switch on automatically together with the automatic pilot
- 🔊 The MS 421B is type approved to be used on all kinds of ships.

### Features:

- 🔊 Dimensions 72x144x100 (WxHxD)
- 🔊 Cut out 68x138 (WxH)
- 🔊 Power supply 18-28 Vdc
- 🔊 Current 145mA max
- 🔊 4 potential free outputs
- 🔊 Autopilot input
- 🔊 Reset input
- 🔊 Type approved by Lloyd's Register and Bureau Veritas

