

AHD-WAOP

Watch Alarm Panel (BNWAS)



- **Watch duty times adjustable on device**
- **Automatic illumination dimming**
- **Mushroom button**
- **Integrated emergency call**

The watch alarm panel AHD-WAOP (BNWAS) meets the requirements set down in IEC62616-1. The watch alarm panel ensures the watch standby of the bridge crew.

The watch duty times can be changed after entering a password. The selected time passes and has to be acknowledged before it ends. If there is no acknowledgement, predefined alarms are raised successively:

- First the display and the mushroom button of the device start flashing,
- followed by the internal buzzer and energizing the alarm relay "Stage 1",
- followed by the internal buzzer and energizing the alarm relay "Stage 2",
- followed by energizing the alarm relay "Stage 3".

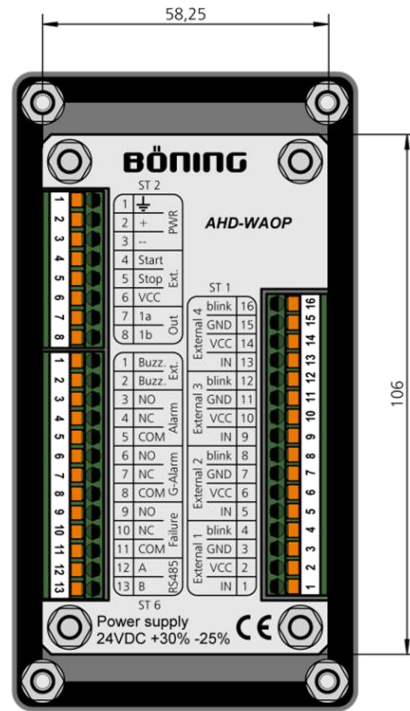
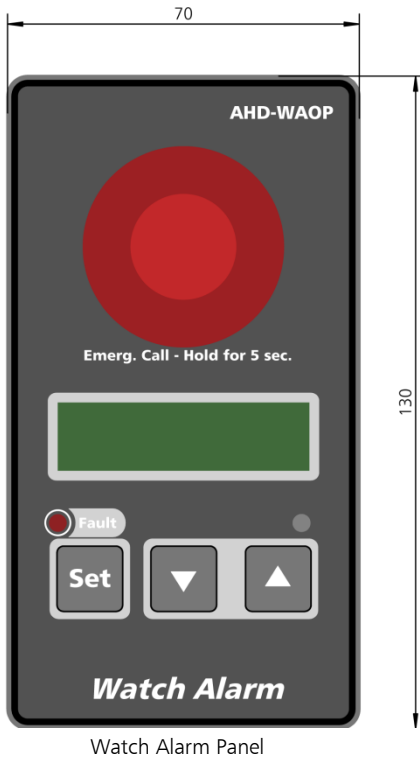
To ensure fast optical detection, the indicator flashes red and green when an alarm is registered.

For the watch alarm panel times up to 12 minutes can be selected.

The watch alarm panel AHD-WAOP is equipped with a mushroom button. If the mushroom button is pushed for 5 seconds, an emergency alarm is triggered. Pushing the mushroom button again deactivates the alarm.

All system settings as for example change of time, change of passwords and others are entered with the system buttons and are displayed on the screen. Up to four external acknowledgement buttons can be directly connected, allowing easy acknowledgement of alarms from different points on the bridge or in the engine room (freely extendable by parallel connection). With appropriate buttons, even simultaneous flashing of internal and external buttons is possible.

Dimensions



Technical Data

Power Supply	24 V DC (+30% / -25%)
Current Consumption	Max. 250 mA
Operating Temperature	-15°C ... 70°C
Storage Temperature	-50°C ... 85°C
Weight	Ca. 0.4 kg
Protection Class	IP 65 (front side), IP 20 (rear)
Dimensions	70 mm x 130 mm x 107 mm
Inputs	4 inputs for external buttons External start input External stop input
Outputs	External buzzer (250 V AC/0.5 A) Alarm (250 V AC/0.5 A) General alarm (250 V AC/0.5 A) Fault output (250 V AC/0.5 A)
Interfaces	RS 485 (2 terminals for communication, e.g. with VDR)
Approvals	DNV, CRS, LR, RS
Item Number	13146