

AHD-WAOP K

Watch Keeper Panel (Dead Man System)



- **Watch keeper times adjustable on device**
- **Automatic illumination dimming**
- **Key switch**
- **Integrated emergency call**

The AHD-WAOP watch keeper panel (Dead Man System) has been designed as emergency call device for the use in engine rooms. In case of an accident the device helps finding the watch keeper as soon as possible. The watch keeper times can be changed after entering a user code. 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 of the device starts flashing,
- followed by the internal buzzer and Alarm Relay "Stage 1",
- followed by the internal buzzer and Alarm Relay "Stage 2",
- followed by Alarm Relay "Stage 3".

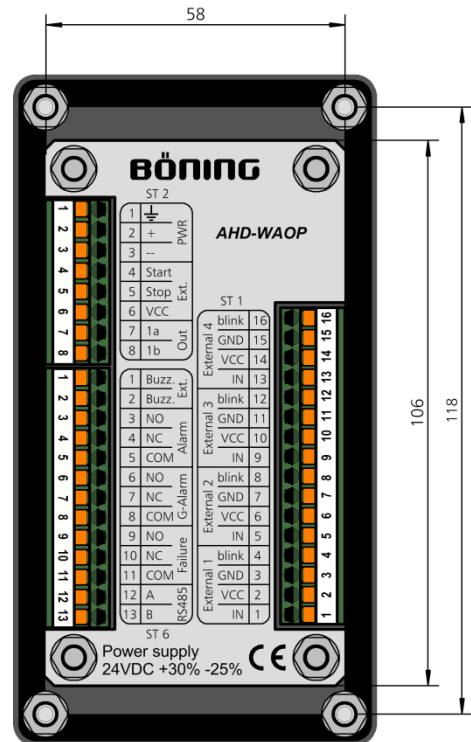
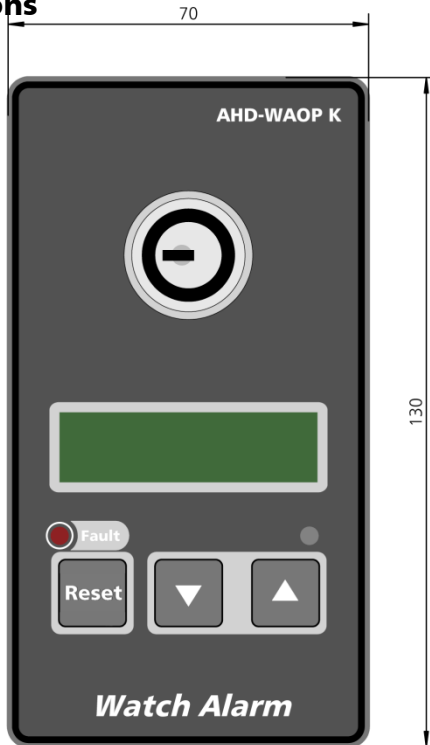
To ensure fast optical detection, the indicator flashes red and green when an alarm is registered.

For the watch keeper panel times up to 30 minutes can be selected.

The watch keeper panel is equipped with a key switch. The key is pulled out when the watch duty begins, and the panel is activated. After the duty has ended, the key is inserted again and the panel is deactivated.

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

Dimensions



Technical Information

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 80 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 / Classification Societies	DNV, CRS, LR, RS
Required Distance to Compass	Standard magnetic compass: 0.50 m Steering magnetic compass: 0.40 m
Item Number	13224