AHD-GAP F
General Alarm Unit with Fire Alarm Function

- **Operation of signal horn from wheelhouse in case of an emergency situation**
- **Preprogrammed signals "Abandon Ship," "General Alarm," "Fire Alarm"**
- **Button for manual signal sequences**
- **Integrated priority circuit**

The control panel AHD-GAP F is designed for the control of acoustic and optical signals in emergency situations. In addition to the manual activation of the horn, the common mandatory signals "Abandon Ship," "General Alarm," and "Fire Alarm" are hard-coded and can be activated in selectable intervals. The first button press activates the preprogrammed signal sequence, while a second button press deactivates the previously activated signal sequence.

The integrated priority circuit ensures that the signal "Abandon ship" has priority over the signals "General Alarm," and "Fire Alarm".

Upon activation of the manual signal generator, currently running signal sequences are paused for 20 seconds and then resumed.

It is possible to connect external devices with which a general alarm or a fire alarm can be triggered or the currently emitted signal sequence can be interrupted, for example for loudspeaker announcements.

Additionally, the general alarm sequence can be triggered by an externally connected AHD-WAOP (Watch alarm unit BNWAS).
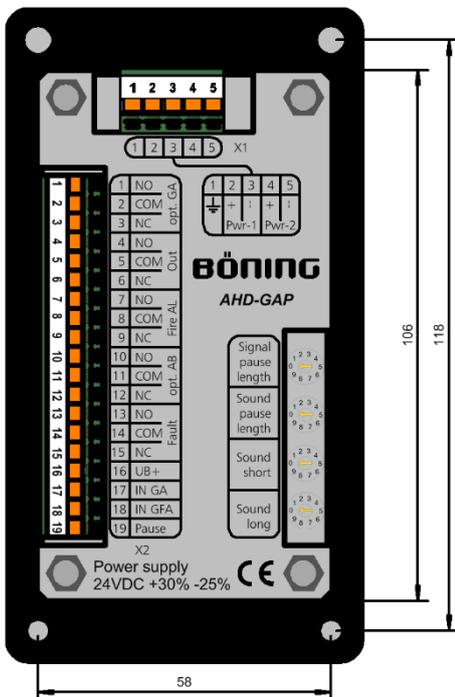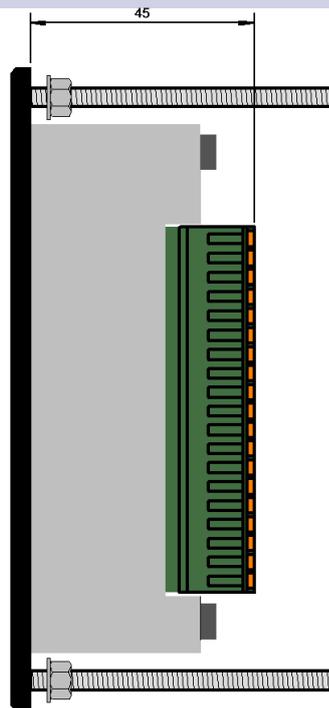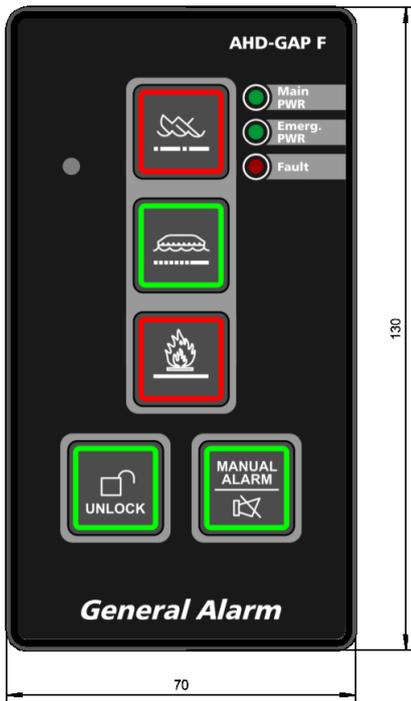
The device is protected against unintended activation with a keylock.

Manual signals can be generated even in case of a malfunction of the device.

AHD-GAP F is designed for installation in bridge consoles and other control stations. The front panel's entire surface is coated with a waterproof, UV resistant and durable plastic film. All controls are illuminated glare-free for safe operation at night. The signal LEDs' brightness is automatically adjusted to the ambient light by a built-in photo sensor.

The pluggable Phoenix terminal strip makes simple and fast connection as well as exchange of the device possible.

Böning
SHIP AUTOMATION

Technical Information

AHD-GAP F

- Main PWR
- Emerg. PWR
- Fault

UNLOCK · MANUAL ALARM

General Alarm

130 · 70

45

BÖNING
AHD-GAP

1	NO
2	COM	opt. GA
3	NC
4	NO
5	COM	Out
6	NC
7	NO
8	COM	Fire AL
9	NC
10	NO
11	COM	opt. AB
12	NC
13	NO
14	COM	Fault
15	NC
16	UB+
17	IN GA
18	IN GFA
19	Pause

X1 · 1 2 3 4 5 · Pwr-1 Pwr-2

Signal pause length
Sound pause length
Sound short
Sound long

X2

Power supply
24VDC +30% -25%

CE

106 · 118 · 58

Technical Data

Dimensions W x H x D	70 x 130 x 45 mm
Weight	Ca. 0.3 kg
Operating Temperature	-25℃ … +70℃
Storage Temperature	-50℃ … +85℃
Protection Class	IP 44, front IP 20, rear side
Power Supply	24 V DC (+30%/-25%)
Current Consumption, max.	100 mA
Inputs	General alarm
	Fire alarm
	Pause
Outputs	4 x relay for acoustic and visual signal control potential-free admissible contact load 0.5 A
	1 x relay for status indication, potential-free, admissible contact load 0.5 A
Signal Sequences	General Alarm (7x short, 1x long)
	Abandon Ship (short, long, short, long)
	Fire Alarm (continuous sound)
	Manual operation (push-button)
Approvals	CRS, LR, RS
Item Number	14002