1.- Versions and references

MODEL	DESCRIPTION
Positive Alarm AHE023-S	Locked Man Alarm.Basic Conservation Camera Without Battery (EJB-BATAL-1). 230 VAC
Negative Alarm AHE123-1	Locked Man Alarm. Freezing chamber. A push button. With Battery (EJB-BATAL-1). Auxiliary relay 230VAC
Double Alarm AHE123-2	Double Alarm Locked Man. Freezing chamber. Two buttons. With Battery (EJB-BATAL-1).. Auxiliary relay 230VAC
Button PHE123-1	Replacement button for Locked Man Alarm, 12VDC
BATAL-1	Back up Battery

AHE123-1

AHE123-2

2.- Warnings

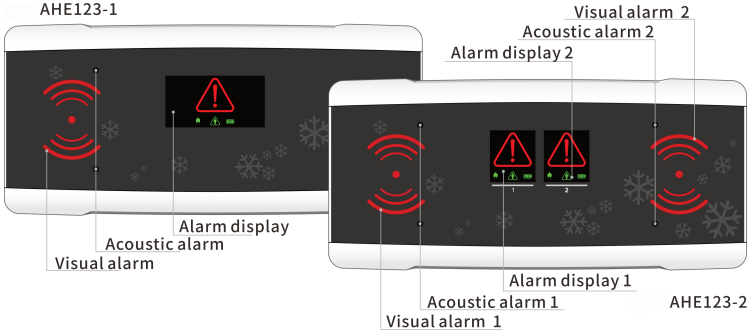
-The alarm and detectors should be installed in a place protected from vibrations, water and corrosive gases, where the ambient temperature does not exceed the value indicated in the technical data. The station should be installed in a place where the regular presence of people who can alert to the presence of alarms is guaranteed.

-Neither the alarm or the push-button are suitable for areas classified as potentially explosive.

3.- Equipment description

Trapped person alarm to raise the alarm in case someone is trapped inside a cold room store.

It is made up of a luminous push-button that must be installed inside the cold room store, and an acoustic and visual alarm center that must be installed somewhere that guarantees the usual presence of people that can be alerted by the alarm.



Input indicators

Green constant: Trapped person in cold room store push-button.

Red flashing quickly: Malfunction/wiring fault in trapped person push-button.
Red flashing slowly: Push-button not detected or disconnected.
Red constant: Trapped person alarm active.

General alarm indicator

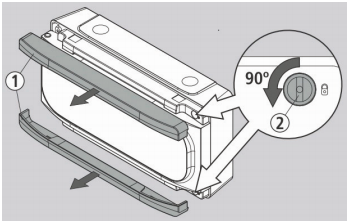
Fixed: Alarm active.
Flashing: Malfunction/wiring fault in push-button.

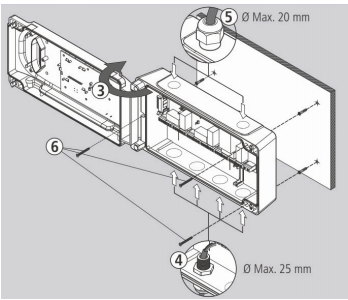
Status of power supply and battery

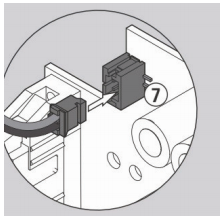
Green constant: Power supply at 230 V
Red flashing: Power supply to battery
Green constant: Battery connected
Switched off: Battery disconnected

4.- Installation

- Remove the bezels (1) from the unit.
- Loosen the screws (2) by turning them a 1/4 turn and open the cover (3).
- Drill the holes needed for the cable entry glands using the pre-stamped centers on the sides of the housing for guidance. Fix the glands onto the device (4 and 5).
- Make the 3 holes in the wall using template included.
- Fix the unit to the wall using the screws and plugs supplied (6).
- Insert the cables into the glands.Wire the unit following the diagram on page. 14.
- Connect the battery (7) before closing the cover.
- Close the cover (3), insert and tighten the screws (2) and replace the bezels (1).



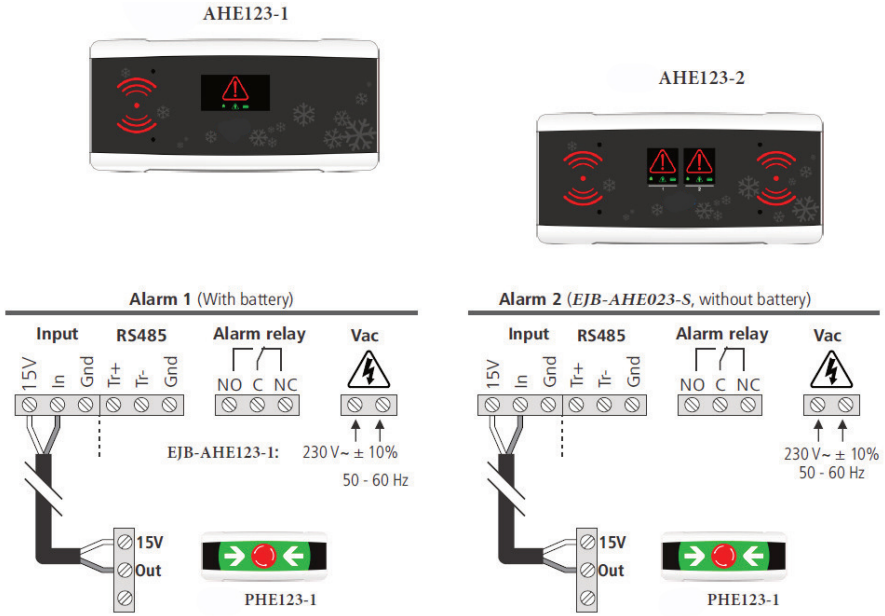




Wiring

The wiring between the detector/button and the station should NEVER be installed in a conduit together with power, control or feeder cables.

Always disconnect the power supply to do the wiring.
The power supply circuit should be equipped with a switch for its disconnection of at least 2 A, 230 V,situated near the appliance.
The power supply cable will be H05VV-F or NYM-1x16/3. The section to be used will depend on current local regulations, but should never be less than 1.5 mm
Cables for wiring the relay contact should have an adequate section depending on the unit to be connected.
The 120 / 230 V~ wiring must be kept clear of any other external element.
Make sure you have connected the batteries before starting-up the unit.
Pursuant to RD 138/2011 IF12 (SP) and standard EN-378-1 (EU), the Alarm's power supply must come from a
different circuit than the one used for the cooling and ventilation system.



5.- Configuration

Self-diagnosis function

The equipment includes a self-diagnosis system that informs the user in the event of a malfunction in the detector or push-button or if there are errors in the wiring.

If a malfunction is detected, the alarm emits 3 short beeps every 2 minutes and the corresponding input indicator flashes red.

6.- Operation

Without alarms
The input indicators are green.
Alarm active
The station emits an alarm sound,shows the affected input(s) in red,the general alarm indicator lights up and the visual alarm flashes.
Wiring error/malfunction
The station emits 3 short beeps every two minutes and the input indicator affected flashes red.

		ALAEM STSTION						
	STATUS							Alarm relay
without active alarm	with power supply Battery connected						OFF	NO C NC
	with power supply Battery disconnected						OFF	NO C NC
	without power supply with battery						OFF	NO C NC
	without power suppl y/without battery						OFF	NO C NC
		--	--				OFF	NO C NC
		--	--				Bitonal sound	NO C NC
	Wiring fault	--	--				3 short tones every 2 min.	NO C NC

7.- Maintenance

--Clean the surface of the unit with a soft cloth, water and soap.
--Do not use abrasive detergents, petrol, alcohol or solvents.