

ALARM-BOX

tcontrol

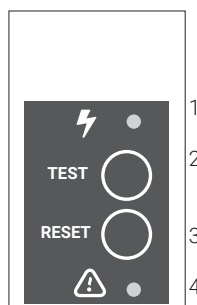
Alarm panel with rechargeable battery

Acoustic alarm box with power reserve (rechargeable battery) for connecting a level float switch, 2 level probes or any other control element with a potential-free contact (pressure switch, etc.).

- Mainly used as an overflow level switch by float in sewage lifting stations.
- Plastic housing.
- Power supply 230 V AC.
- Rechargeable battery, with autonomy of 1 year at least (15 hours in alarm mode).
- Alarm and power presence side indicator lights.
- Red alarm indicator light on the front panel.
- 90 dB front buzzer.
- Test button.
- Reset button (stops the alarm).
- Alarm output contact.
- Connection cable glands.

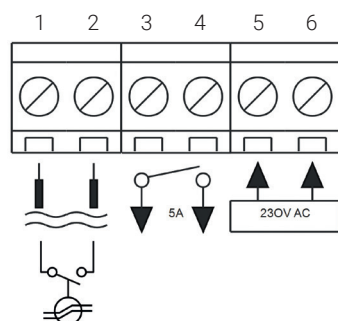


Side



1. POWER PRESENCE PILOT LIGHT (GREEN). Lights up when the supply voltage (230 V AC) is on.
2. TEST BUTTON. Used to check the correct operation of the device (buzzer and battery).
3. RESET BUTTON. Used to mute the buzzer. The output contact remains closed as long as high level is detected.
4. ALARM PILOT LIGHT (RED). Lights on when it detects high level.

Wiring



- 1-2 Level input (float switch, probes, etc.).
 3-4 Alarm output (N.O. contact).
 5-6 Power supply input 230 V AC.

POWER SUPPLY
 Power the equipment to 230 V AC.

ALARM OUTPUT
 Closes the contact when the input detects water.

CONTROL INPUT
 Connect the float switch or both probes to the corresponding input terminals.

Either the float switch and the probes work with low voltage 9...12 V DC.

If 2 probes are installed, they must be placed at the same height into the tank.

Specifications

Operating voltage	230 V AC
Power consumption	2 VA
Battery	Type 9V rechargeable
Contact	5 A / 30 V DC 5 A / 250 V AC
Float switch / probes voltage	9...12 V DC
Buzzer	90 dB
Alarm pilot	Red Ø 22 mm
Max. terminal cross-section	2.5 mm ²
Protection degree	IP54
Operating temperature	-10...+55 °C
Cable glands	Power supply: 1xM16 / Control: 1xM16
Dimensions (AxBxC)	75x120x50 mm
Approx. weight	290 g



Battery autonomy

In the event of a power failure, the device uses the energy stored in the battery to operate and turns off the green voltage presence light (green) to increase its autonomy.

Standby time (alarm not activated): 1 year.

Autonomy with alarm activated: > 15 hours.