

EnviroTech Alarms Ltd

Level Alarm

Installation and Operation Instructions

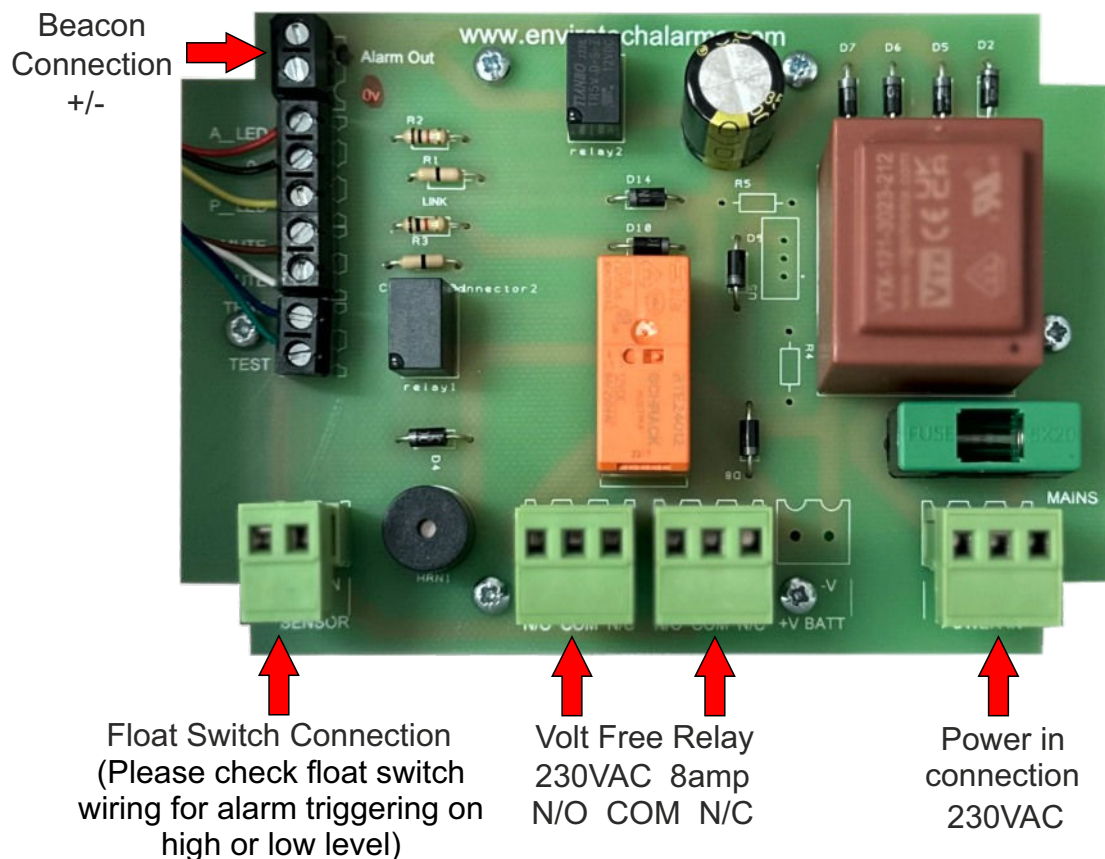
LED - Green indicates power on all OK / Red indicates high or low level alarm



Test Button
simulates a high or low level alarm
when pressed

Mute Button
switches off the sounder when
pressed

Wiring for a High Level Alarm



Beacon
Connection
+/-

Float Switch Connection
(Please check float switch
wiring for alarm triggering on
high or low level)

Volt Free Relay
230VAC 8amp
N/O COM N/C

Power in
connection
230VAC

The alarm panel continuously monitors the fluid level within the tank via a connected float switch. The system is designed to alert the user when the fluid level reaches either a critically high or critically low threshold.

When an alarm condition occurs, the panel will:

- " Activate an audible buzzer
- " Illuminate a bright red LED indicator

These visual and audible alerts provide immediate notification, allowing the user to investigate and identify the cause of the abnormal fluid level.

The level alarm panel is connected directly to a float switch installed within the tank. As the fluid level rises or falls, the float moves accordingly. When the float reaches a preset high or low level, an internal contact is made within the float switch.

This contact sends a signal to the alarm panel, causing it to enter an alarm state and activate both the buzzer and red LED.

Once the fluid level returns to its normal operating range, the float switch resets automatically and the alarm condition is cleared.

Level Alarm Panel – Installation & Operation

Panel Connection

Connect the level alarm panel to a suitable float switch.

Refer to the wiring instructions supplied with the float switch to configure the alarm for **high-level** or **low-level** triggering as required.

Power Supply Connection

Provide a **230 VAC, 2 A** power supply to the level alarm panel.

Connect the supply to the **three-way connector** located on the right-hand side of the panel.

Ensure that:

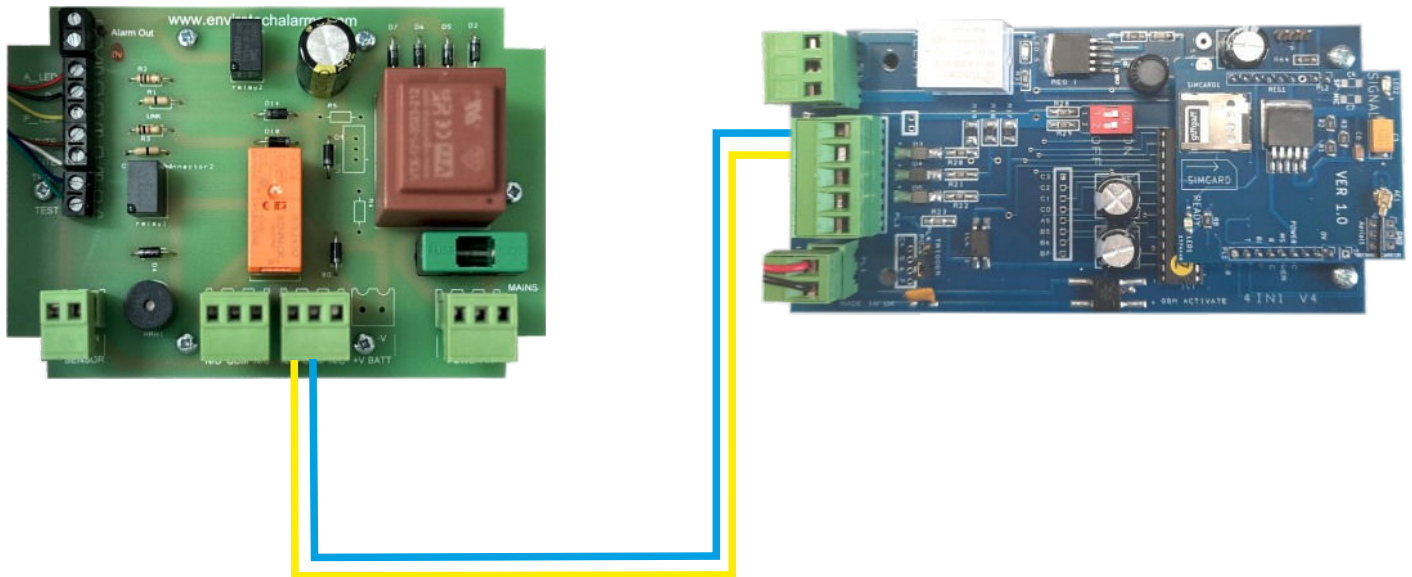
Specification

Input voltage	230VAC	Current rating 5W in standby and 14W active
Power supply		2 Amp
Inputs		1
Panel dimensions	152mm x 113mm x 75mm	
Panel mounting	Surface mounted	
Enclosure rating	IP65 (before cable entry holes)	
Operating temperature	0 - 55°C	

Important Notes

Connecting an SMS Dialler

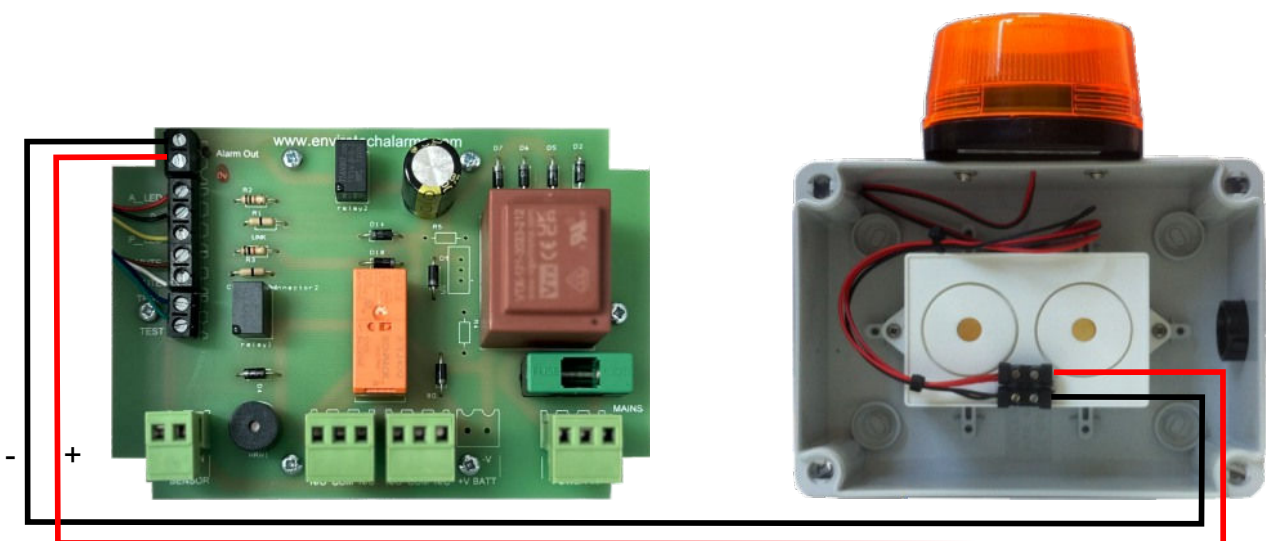
It is possible to connect the level alarm panel to an SMS dialler that will send a text message should a high or low level alarm occur.



Connect a pair of wires (0.22mm - 1mm) to the Common and Normally Open on the alarm relay. Connect the other end to the GND and one of the input connections in the SMS Dialler (the colour of the wires are examples only).

Settings for the SMS dialler can be found in the manual that comes with this equipment. The SMS dialler requires a separate 230VAC supply.

Installing a beacon/sounder - beacon only panel



Connect a pair of wires (0.22mm - 1mm) to the alarm out terminals ensuring that the polarity is correct (positive to positive/ negative to negative). Connect the other end to the connector block in the beacon/sounder - beacon only panel ensuring the positive and negative wiring follows (the colour of the wires are examples only).