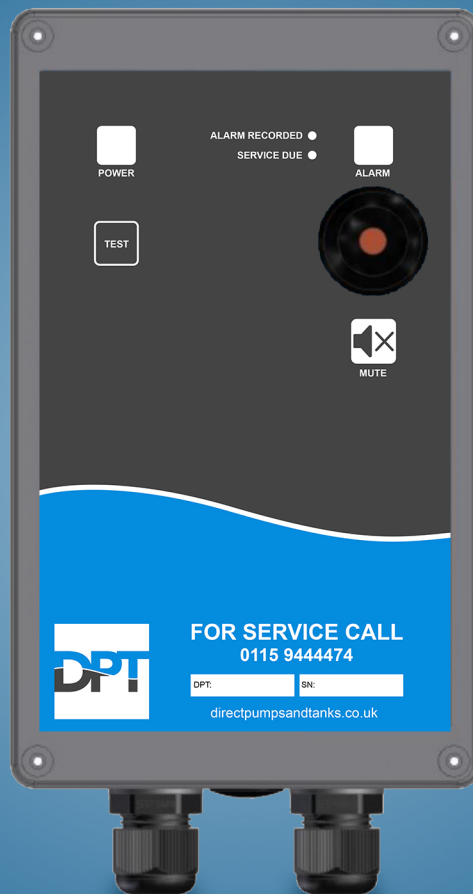


THE DPT HIGH-LEVEL ALERT SYSTEM



DPT HIGH-LEVEL ALERT SYSTEM

PRODUCT OVERVIEW

The Direct Pumps & Tanks High-Level alarm operates from a switched input, such as a float switch or pressure switch. The alarm can be activated either by a closed circuit switched input or an open circuit switched input.

The High-Level alarm is suitable for 110-240Vac supply voltages and has a built-in backup battery for the unexpected event of a power outage.

Once activated, the alarm provides a visual and audio indicator. There is an option to connect an external beacon or other circuitry via the auxiliary output and/or the volt-free relay output.

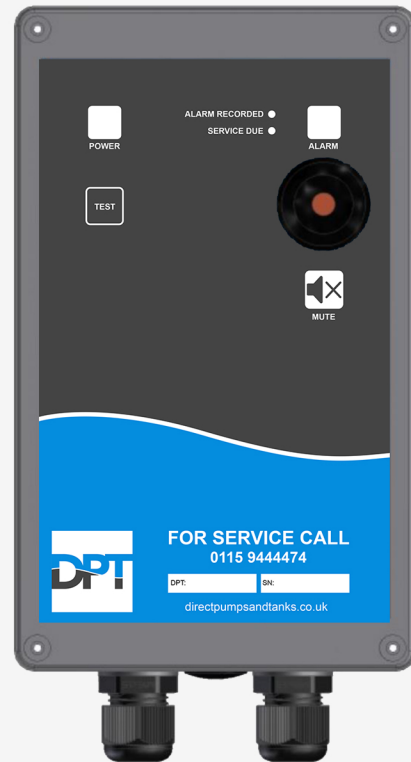
A mute button allows the operator to silence the audio alarm of the unit without affecting the visual, auxiliary output or volt-free relay.

A test button conveniently allows the operator to check the alarm functions without the need to trigger the input to the alarm.

Power to the alarm is indicated via a blue constant light, allowing easy operational inspection of the unit. In the event of a power outage, the alarm will still operate for up to 72 hours and the power indicator will flash red.

PRODUCT FEATURES

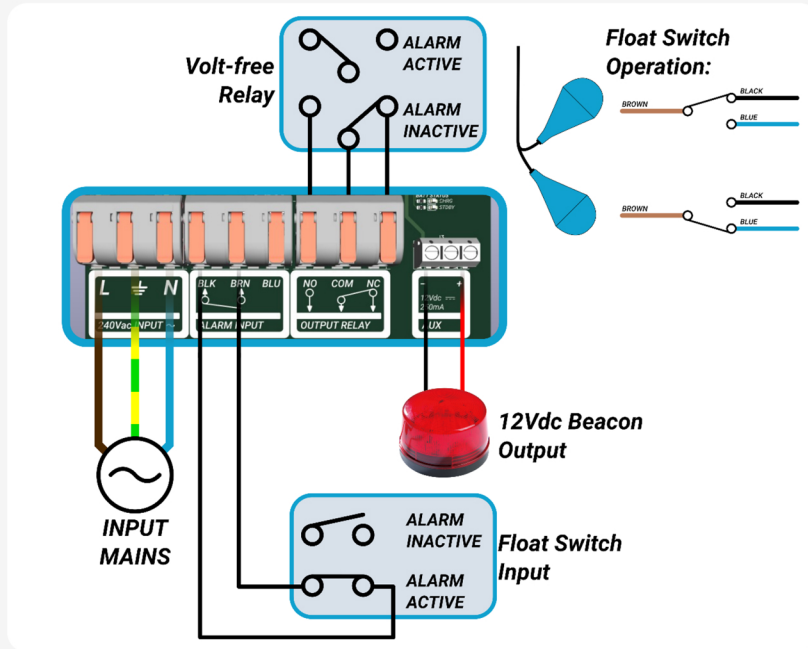
- Alarm LED indicator
- Alarm audio buzzer
- Alarm audio mute button
- Alarm test button
- Power LED indicator
- IP65-rated enclosure
- Auxiliary alarm output for accessories such as a beacon or siren
- Volt free relay contact output SPDT
- Configurable for ACTIVE open or ACTIVE closed alarm input
- Easy installation no tool required WAGO wiring terminals
- Backup battery with up to 72 hours of run time



Enclosure	
IP rating	IP65 rated
Dimensions	230x120x100mm
Weight	0.7kg
Supply Voltage	
240V variant	110V-240Vac [50/60Hz]
Fusing	250mA [Internal 240V]
Switched Input	
Max cable length	200m
Switched voltage	5Vdc
Max switched current	10mA
Audio Output	
Max sound level	105dB
Visual Alarm Output	Red flashing LED
Output Relay	
Relay topology	SPDT [COM/NO/NC]
Max current	10A @250Vac
Max Voltage	250Vac
Auxiliary Output	
Voltage	12Vdc
Max Current	250mA [3W]
Terminal	
Terminal Capacity	0.2-4mm ² [tool free wire fitting]
Temperature Range	
Ambient Temperature	-10°C to +55°C
Battery	
Backup Battery	72 hours max run time

DPT HIGH-LEVEL ALERT SYSTEM

PRODUCT WIREING DIAGRAM



PRODUCT INSTALLATION

- When the service alarm is activated the Service indicator LED will be illuminated and the alarm will sound for 5s every hour. This is mutable for 7 days.
- Resetting the service alarm will also reset the alarm recorded indication.
- The internal display indicates the number of months until the next service. The month after the counter reaches 00, the service alarm will be activated.
- Press and hold "SETUP" & press "+" or "-" to count up or down the number of months until the service is due (default 12 months).
- Press "RESET" to restore the unit to its previously set service period and deactivate the alarm.
- Press and hold "RESET" for >5s to deactivate the service reminder alarm completely.



INSTALLATION WARNINGS

- When the cover of the product is removed, ensure the supply is isolated.
- Take extra care when connecting stranded cables into the connectors. Avoid lengthy uninsulated cable and ensure there are no loose cable strands
- Do not install this product where the audio alert from the alarm will be impeded. Please note the environment the product is situated will affect the audio & visual alert.
- If the battery is damaged in any way replace immediately.

DPT