



**Description**

The Delta HLA – Groundwater is designed to detect high water levels within packaged pumping stations and sumps. The Delta HLA is an independent high water level alarm with an 85 dB audible alarm and LED status display on the front fascia.

It acts as a warning system in the event of:

- power failure to the Delta HLA
- a high water level state in the chamber/sump
- a high water level state has been recorded
- a service due

The Delta HLA provides a secondary line of protection in the event of mains power failure. Its internal battery ensures continued operation of the alarm until mains power is restored.

**Features**

- An internal battery ensures continuous protection in the event of mains power failure
- Quick and simple installation
- Robust and reliable high water alarm
- Includes a mini float switch and Delta Float Shroud
- LED's for visual status and warning
- Mute and reset buttons
- Three volt-free contacts for connection to external systems
- Can be retrofitted

The Delta HLA is simple to install and offers three volt-free contacts for connection to external systems.

The Delta HLA operates via mini float switch. If the water level rises above the start point of the primary pump, the alarm float switch lifts until a point of contact is made internally. This signals to the panel that the water level is high and the panel goes into alarm. When the level drops, the switch falls which resets the alarm.

The mini float switch is mounted to a Delta Float Shroud and fixed to the internal pipework by cable ties.

For areas where the Delta HLA may not be seen or heard, we recommend using the Delta HLA Plus.

**Specification**

- The Low Voltage Directive, EN61010:2010.
- The EMC Directive EN55014:2006, A1 and EN55014-2:2015

**Associated products**

- Delta Dual V3 Packaged Pumping Station
- Delta Dual V4 Packaged Pumping Station
- Delta Dual V6 Packaged Pumping Station

**Product details**

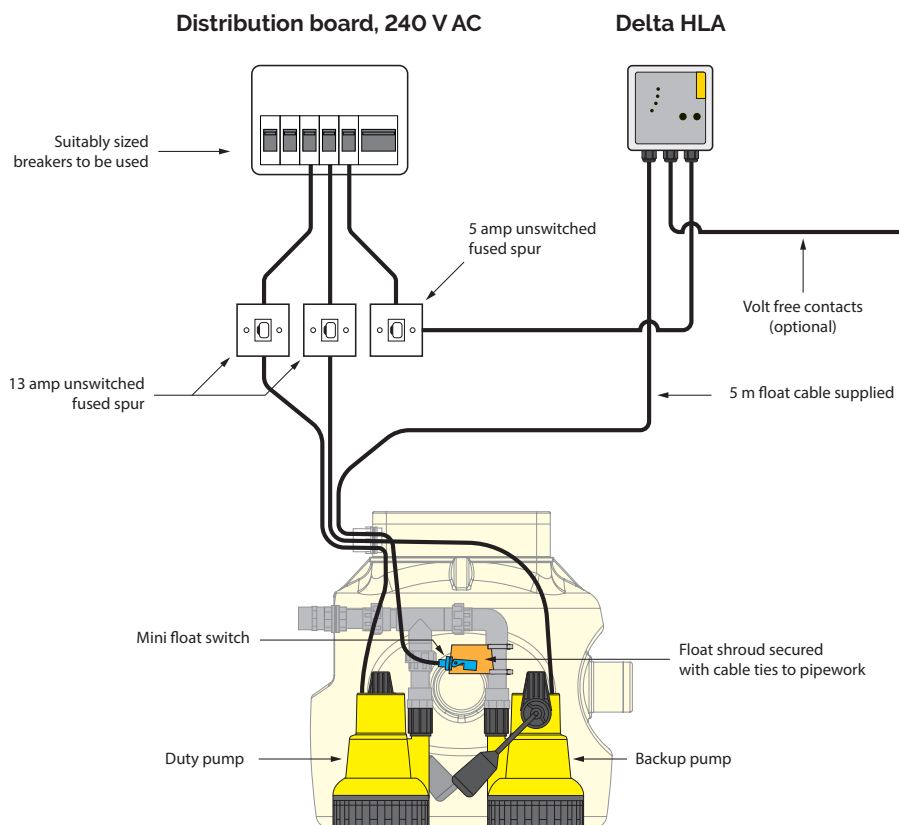
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# PRODUCT DATA SHEET

## Delta HLA – Groundwater

### Delta HLA installed with a Delta Dual V3/4/6 packaged pumping station



### Technical data

Delta HLA	
Power supply	230 V AC 50Hz
Rated power	<10 VA
Internal battery	6V, 1.3 Ah
Sound alarm level	85 dB
Power cable length	1 m
Weight	0.5 kg
Material	ABS
Colour	Grey

### Parts included

Item	Qty
Delta HLA panel	1
Mini float switch with 5 m cable	1
Float shroud	1
Cable tie	2
16 mm cable gland	1
20 mm cable gland	1

### Volt-free contacts

The Delta HLA features three volt-free for connection to remote telemetry or a building management system. They can be set to Normally Open (NO) or Normally Closed (NC) depending on external system requirements.

- High level volt-free contact
- Power failure volt-free contact
- Service due volt-free contact

### Other information

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