

PRODUCT DATA SHEET

Delta HLA – Foul



Description

The Delta HLA – Foul 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 sump float switch and counterweight
- 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 sump 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 sump float switch is secured to the chamber's integral float bracket by a cable gland and cable tie.

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 Foul V3 Packaged Pumping Station

Product details

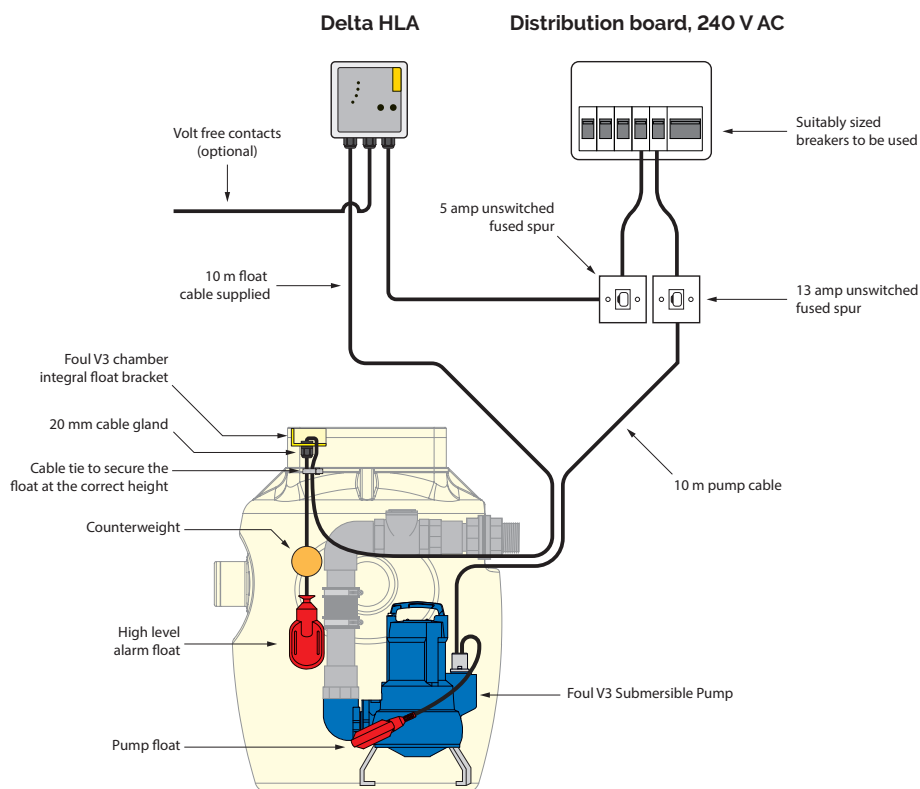
DMS 191-1



PRODUCT DATA SHEET

Delta HLA – Foul

Delta HLA installed with a Delta Foul V3 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
Sump float switch with 10 m cable	1
Counterweight	1
Cable tie	1
16 mm cable gland	1
20 mm cable gland	2

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

All data and information contained in these Product/Technical Data Sheets is up-to-date and correct as at the date of issue. The information given is suggested as guidance and should only be used for evaluating your specific application. Delta Membrane Systems Limited cannot control or anticipate the conditions under which this product may be used, each user should review the information in specific context of the planned use. The information contained in these Product/Technical Data Sheets should not be considered a warranty, expressed, or implied, including but not limited to a warranty of merchantability or fitness for a particular purpose. In no event shall Delta Membrane Systems Limited be liable for any incidental or consequential damages resulting from the use, misuse, or inability to use the product. This exclusion applies regardless of whether such damages are sought based on breach of warranty, breach of contract, negligence, strict liability in tort, or any other legal theory. When in doubt, contact Delta's Technical Team on 01992 523 523.