

PRODUCT DATA SHEET

Delta HLA Plus - Foul Water/800 Series



Description

The Delta HLA Plus is a smart High-Water Level Alarm and Monitoring System, capable of delivering real-time monitoring and notification services, for Foul and Delta 800 Series packaged pumping stations. The Delta HLA Plus (foul / 800 series) can also be retrofitted to existing pumping stations.

High-Water Level Alarms are designed to alert property owners when water levels in pump stations becomes too high and there is a risk of flooding.

Designed to put property owners in control - On any device, anywhere at any time. For any important or time-sensitive notifications, the Delta HLA Plus allows property owners to engage in real-time with their basement drainage system, using the Delta Pumps App. The Delta Pumps App offers Delta HLA Plus owners an uncomplicated way to register devices. All monitoring and notification services are offered for free once devices are registered.

The Delta HLA Plus can be retrofitted in any existing sump pump chamber/sump pump system that manages foul or larger packaged pumping station, such as the Delta 800 Series. Please refer to Delta's Technical Guidance Notes on how to register a new Delta HLA Plus device(s) to Delta Pumps App.

Features

- Provides smart alarm function for single or dual pump system with or without control panel
- Suitable for foul or Delta V3, V4, V6 800 Series sump pumps
- Colour coded LED Facia and audible displays
- Modern, lightweight, and compact design
- Instant real-time monitoring to spot service failures before they make any impact
- Sends notification messages to users in real time
 - if there is mains power outage,
 - when a high-water situation has been recorded
 - when a high-water level situation occurs
 - when a service or routine maintenance is due
 - when changes in pump activity occur (frequency and duration)
- Pendant float switch and 10m cable

Benefits

- Real-time streamline log analysis of basement drainage system and pumping stations
- Instant communication during emergencies and other critical events
- Enhanced customer care
- A fully downloadable CSV history
- Delta Pumps app identifies multiple pump stations on one site
- Reduces risk of critical events
- Allows for Service intervals to be set at 3, 6, or 12 months
- No subscription fees for Monitoring and enhanced Services
- Data stored on SD integrated card

Product details

DMS 532



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Technical data

Delta HLA Plus

Power supply	230 V 50 Hz
Rated power	< 10 mA
Internal battery	3.6 V, 7 Ah
Sound alarm level	80 dB
Power cable length	1 m
Weight	640g
Enclosure material	ABS
Protection rating	IP54
Colour	Grey

Parts included

Item	Qty
Delta HLA Plus Control Unit	1
Sump float switch with 10 m cable	1
Counterweight	1
Cable tie	1
16 mm IP68 cable gland	3
20 mm IP68 cable gland	1

Volt-free contacts

The Delta HLA Plus features three volt-free (dry) contacts for connection building management systems.

They can be configured to Normally Open (NO) or Normally Closed (NC) depending on requirements.

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

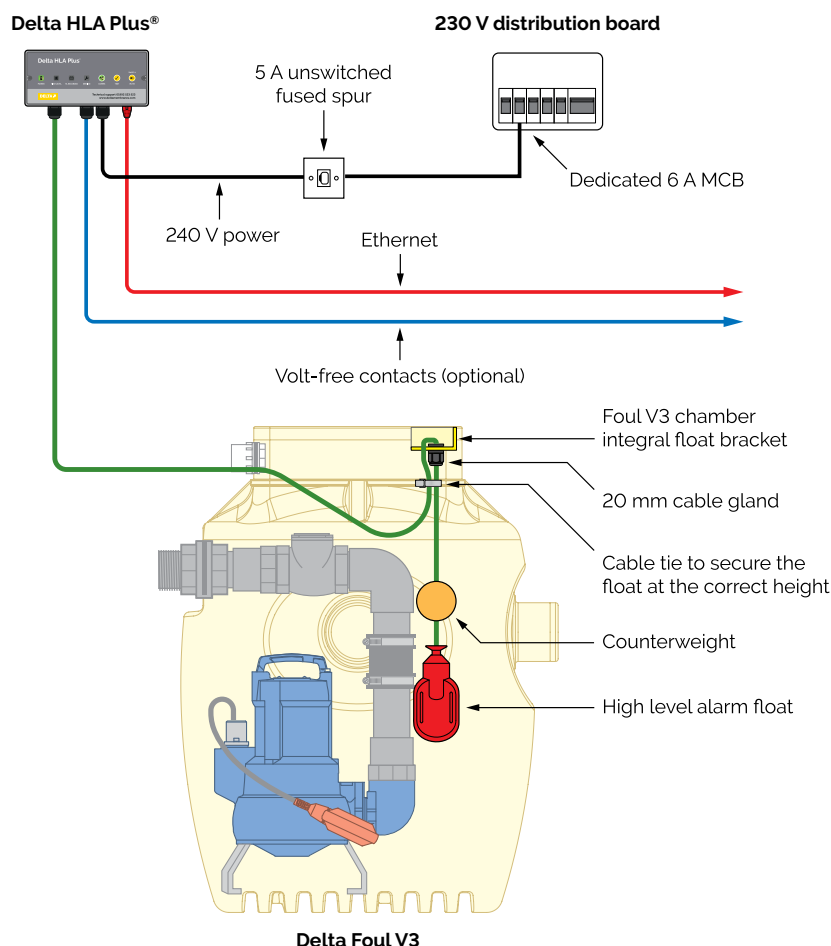
Specification

- NBS Specification R18 (Clause 310) Pumping Stations and Pressure Pipelines
- BS 8102:2022 Type C Drained Protection
- The Low Voltage Directive, EN61010:2010
- The EMC Directive EN55014:2006, A1 and EN55014-2:2015.

Associated products

- Delta Foul V3 Packaged Pumping Station
- Delta 800 Series - Single V3 Foul
- Delta 800 Series - Dual V3 Foul
- Delta 800 Series - Ground / Surface Water

Typical installation



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.