

PRODUCT DATA SHEET

Delta HLA Plus Intelligent - 800 Series Ground / Surface Water



Description

The Delta HLA Plus Intelligent is a highly advanced High-Water Level Alarm Monitoring System.

The Delta HLA Plus Intelligent is supplied with a Delta Level Float. The Delta Level Float transforms the Delta HLA Plus ('Smart' High-Water Level Alarm) into an 'Intelligent' High-Water Level Alarm, not only detecting when a high-water level occurs in a sump pump chamber, it also monitors sump pump activation(s), and changes in sump pump activation(s) (both frequency and duration). For full features of the Delta HLA Plus Intelligent Pump Station Monitoring Device, all devices are required to be registered for free on the Delta Pumps App.

The Delta HLA Plus Intelligent has both proactive and preventive functions. Real-time analysis of your pumping station enabling service, maintenance, or repair requirements to be detected and implemented at the earliest stage.

The Delta HLA Plus Intelligent is compatible with all ground and surface water Delta 800 Series packaged pump stations.

The Delta HLA Plus Intelligent can be retrofitted in any existing sump pump chamber/sump pump system that manages ground and/or surface water. Please refer to Delta's Technical Guidance Notes on how to register a new Delta HLA Plus device(s) to Delta Pumps App.

Features

- Instant real-time monitoring to spot service failures before they make any impact
- Records frequency of sump pump activations
- Records duration of sump pump activations
- Records fixed depth of water being evacuated from sump pump chamber
- Records fixed volume of water being evacuated from sump pump chamber – based on pump chamber diameter
- Records and monitors pump activities within pump stations
- 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)
- Visual and audible displays on the HLA Plus Device

Benefits

- Real-time streamline log analysis of basement drainage system(s)
- Communicate faster 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

Product details

DMS 539



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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
Water level float bracket	1
Stainless steel hose clamp	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

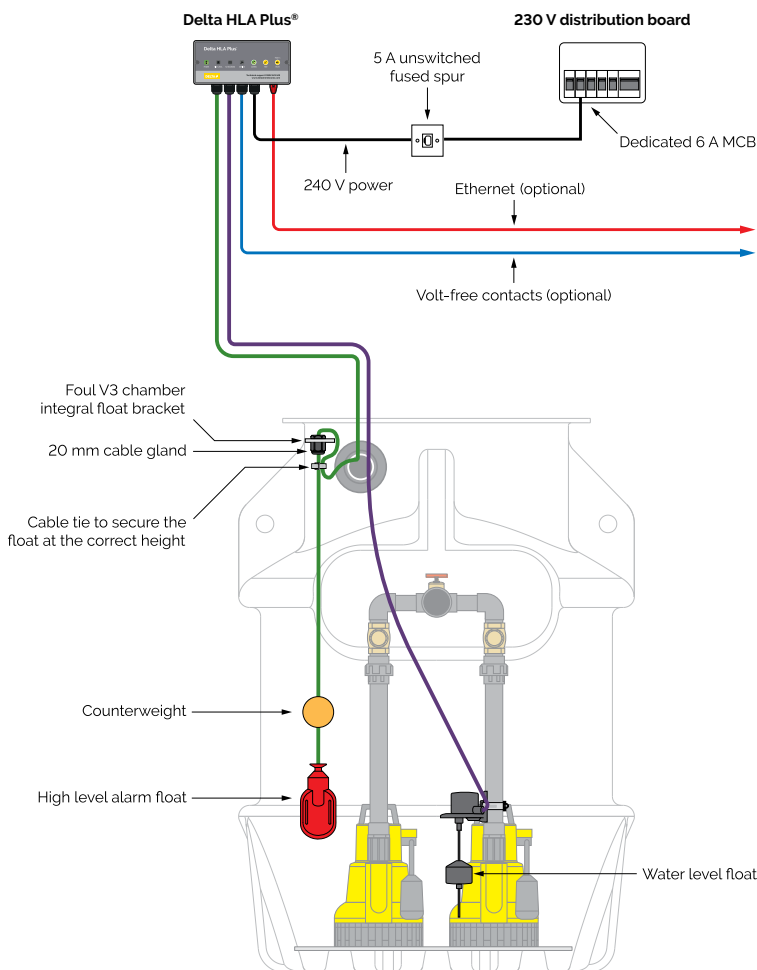
Specification

- 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 800 Series – Dual V3
- Delta 800 Series – Dual V4
- Delta 800 Series – Dual V6

Typical installation



Other information

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