

# Datasheet

## Abyzz Control System - ACS

### Product description



The Abyzz control system (ACS) is a control unit that allows you to control and monitor up to 8 Abyzz pumps\* and other Abyzz peripheral devices from a common bus system (see fig. 1). In addition, you can set permanent and individual flow rates and create random flow patterns or complex wave profiles for each pump (see fig. 2).

During operations, you can query operating data such as the driver temperature, ID data, rated input, or current speed of your pumps. If there is a fault (pump blockage, excess temperature, power failure etc.), the ACS triggers an alarm signal and informs you of the problem.

### Special features

- Menu-controlled programming of each connected pump
- Freely-programmable wave profiles
- Random flow generation
- Energy savings thanks to night-time economy function
- Feeding break button with fish protection function
- Extensive safety functions
- Optical and acoustic alarm
- External switching output for alarms
- Bus-enabled interface for peripheral devices
- Operating hours counter and automatic maintenance alert function

### Applications

- Freshwater and seawater aquaristics
- Pond filter systems
- Creeks

\* Depending on the model, a software update may be required for your driver. We will be happy to carry this out for you if desired.

### Technical data

Assembly: Surface-mounted or lowered

Rated input	: max. 10 W
Operating voltage	: 230V~, 50...60Hz
Ambient temperature	: +2°C...+40°C
Dimensions of ACS (mm)	: 180x160x48
Housing cutout (if mounted lowered)	: 168x140x45

### Display options

Among other things, you can display the following information:

- Overview of all Abyzz pumps
- Energy consumption
- Operating hours counter
- Speed
- Driver temperature
- Error messages and alarms
- Maintenance warning when cleaning is due



Fig. 1: ACS with 8 Abyzz Pumps

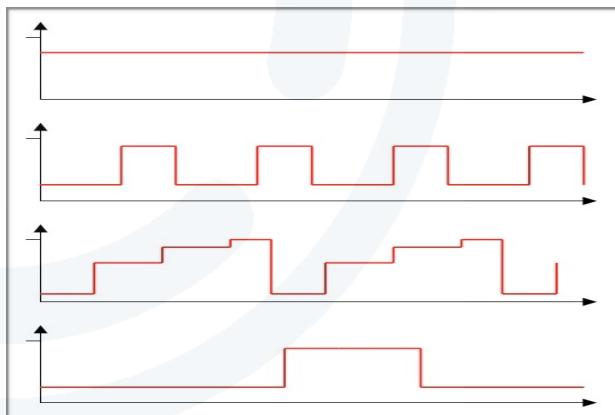


Fig. 2: 4 Pumps with different profiles

### Scope of delivery

- Abyzz Control System
- Mains cable (1,5m)
- Abyzz connection cable
- Operating manual
- Abyzz light-sensor

We reserve the right to make technical changes.