



Triton Dual Assist Control Panel

Data Sheet/Installation Guidelines

Triton's pumps and drainage systems are designed to be used in combination with Isola Platon cavity drain membranes. The Dual Assist Control Panel is for use where two pumps are located within one sump. (A Single Pump Monitor/Alarm is also available and there is a separate data sheet available for this product.)



Where two pumps are installed in a single sump then the Dual Assist Control Panel will activate both pumps alternately and also in times of high water ingress, will activate both pumps to operate simultaneously.



The Dual Assist Control Panel is provided with integral high level alarm and monitoring capabilities to monitor the number of activations and length of run times for each of the two main pumps. Both pumps and the high level alarm are operated by the control panel via float switches located in the sump.

Features

- Dual pump operation
- Electronic control panels
- Very low voltage inputs for external control
- Mains LED
- Motor operating LED
- Motor protected LED
- Min/Max alarm lamp
- Auto-Off-Manual selector switch (Manual not latched)
- Adjustable current potentiometer for different pump sizes
- Motor fuses

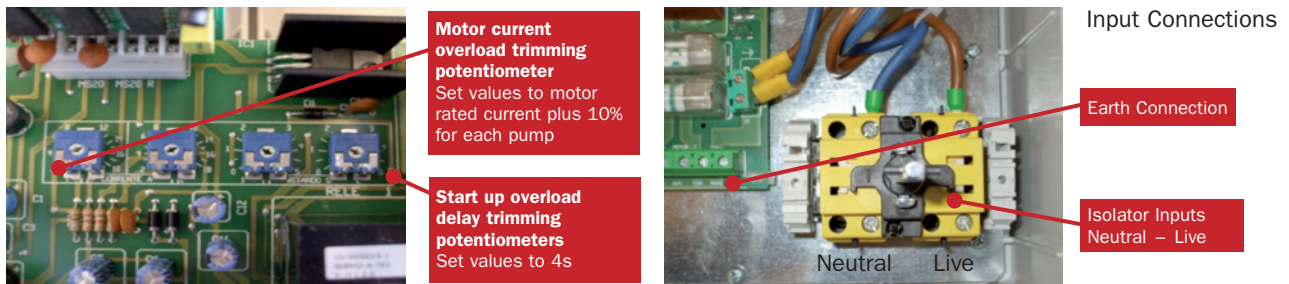
- Aux. protection fuses
- Door interlock switch
- Plastic enclosure
- IP50 protection

Plus

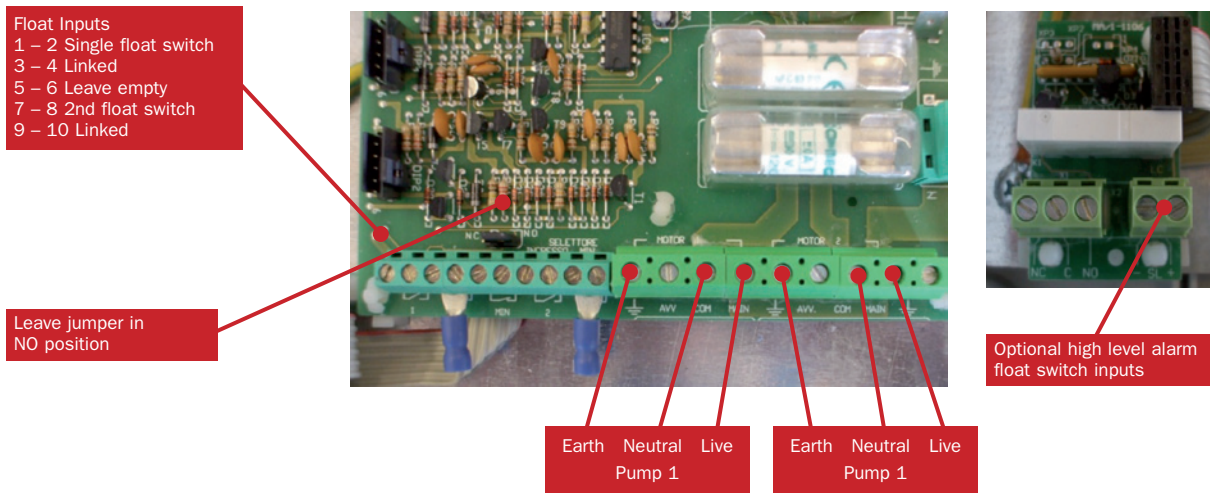
- Battery operated hours run
- Battery operated counter
- Two x single float operation (differential float) – one for each pump
- Alarm outlet (MA/1 or equivalent)
- Alarm operated by alarm float and panel trip

Installation guidelines

Before putting the panel into service, it is essential to check that it has been correctly set up for the installation in hand. These checks must include:



Pump and float connections



The panel is designed to control two pumps with either a single float or dual floats. An optional high level alarm float may be installed, set above the highest pump float, to warn of excessive water level.

In operation the first pump will start as soon as its float is activated, while the second pump will only start once the separate alarm float is activated. The audible alarm and warning light will also be activated when the second pump starts and also if the current overload trip operates. The panel incorporates an exchange system that will alternate which of the two pumps works first.

Triton Contact Details:

Triton Systems
 Units 3 – 5 Crayford Commercial Centre, Greyhound Way, Crayford, Kent DA1 4HF

Tel: 01322 318830
 Fax: 01322 524017
 Email: info@tritonsystems.co.uk

www.tritonsystems.co.uk