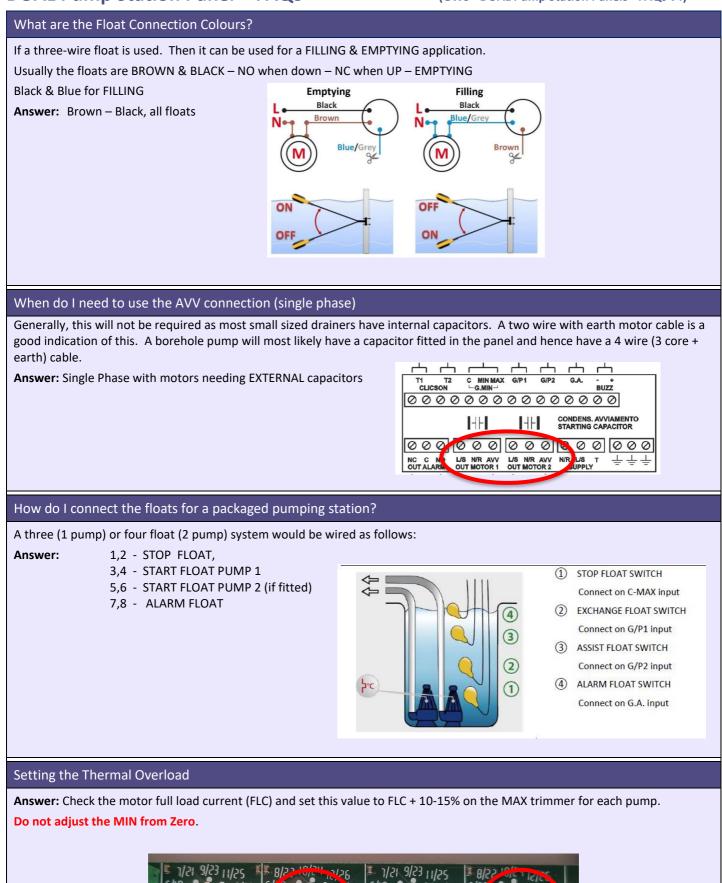
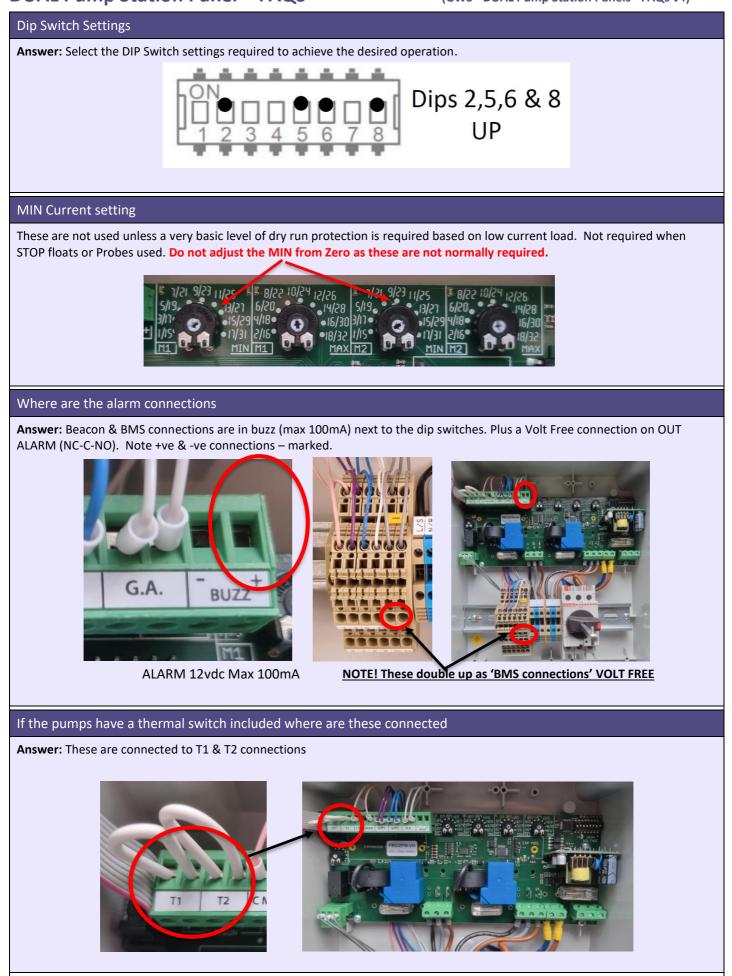
DUAL Pump Station Panel - FAQS

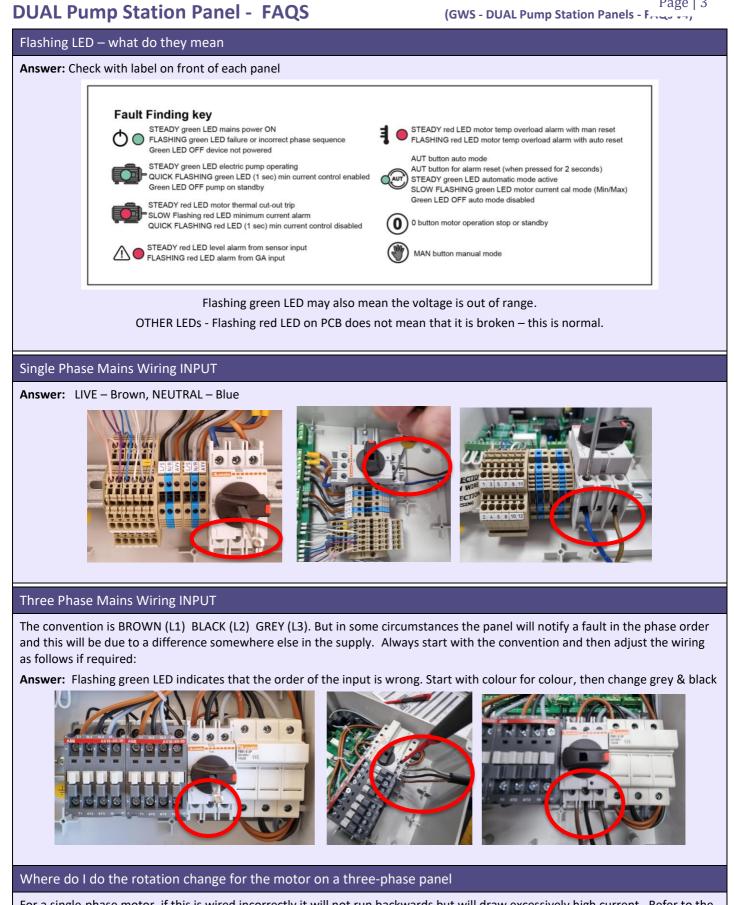




1

DUAL Pump Station Panel - FAQS





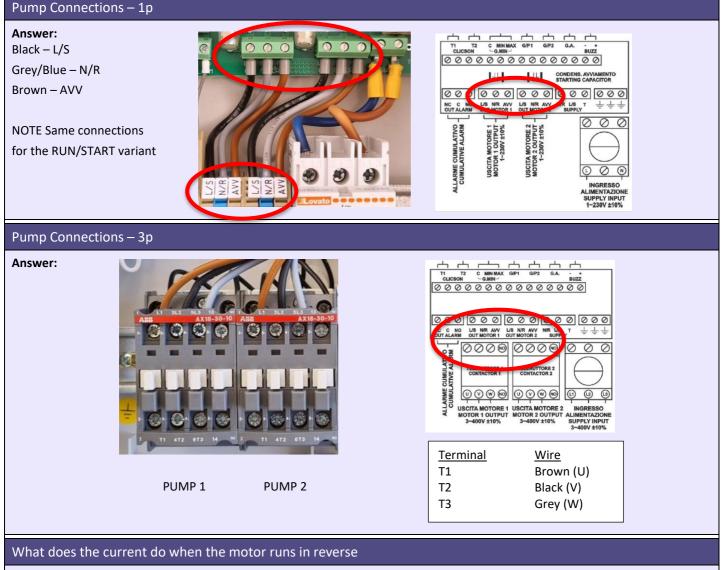
For a single-phase motor, if this is wired incorrectly it will not run backwards but will draw excessively high current. Refer to the pump connections and check these.

For a three-phase motor, if this is wired incorrectly then it might turn the wrong way. Make the rotation change as follows:

Answer: On the load side of the contactors (where the pump cables are terminated), not at the isolator inputs.

Technical Support from geoquip water solutions ltd - www.geoquipwatersolutions.com tel: +44(0)1473 462046

DUAL Pump Station Panel - FAQS



Answer: The current is higher. Rotation must be made on the outward cables (3 phase pumps)

Pumps do not RUN

Answer: Have the AUTO switches been set to ON? If ON then check float operation either by lifting floats or using link wires inside panel.

Testing the panel with links

Answer:

WARNING THIS TEST IS DONE LIVE – COMPETENT / TRAINED PEOPLE ONLY. FLOATS ARE < 9V dc

The purpose of the links is to test the logic of the panel excluding external sensors. The aim is to MIMIC the operation of the floats.

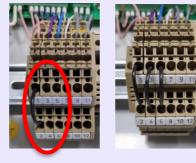
Link 1&2 – Nothing should happen

- Link 3&4- Pump 1 should start
- Link 5&6 Pump 2 should start
- Link 7&8 Beacon alarm should flash
- Break 7&8 Beacon alarm should STOP

Break 5&6 – Both pumps remain ON

Break 3&4 – Both pumps remain ON

Break 1&2 – Both pumps should STOP



TERMINAL LIST 1-2: ALL Stop Float 3-4: Pump 1 START Float 5-6: Pump 2 START Float 7-8: Alarm Float

If the above happens then the panel logic is correct – look for faults outside the panel. Floats or float connections.

Technical Support from geoquip water solutions ltd - <u>www.geoquipwatersolutions.com</u> tel: +44(0)1473 462046