



N2P | Controls

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N2P CONTROLS ADVANCE PUMP CONTROLLER INSTALLATION GUIDE

Refer to attached wiring and circuit diagram when installing the controller. All electrical work must be carried out as per NZS 3000:2007 and NZECP2:1993. The controller has an adjustable overload setting. This allows the controller to have an overload setting of either 4.5A, 8.5A, 11A or 14A. Refer to below on how to set this. The controller to be earthed at the distribution board and the supply to the controller should be protected by its own dedicated 16Amp MCB and 30mA RCD or as required.

1. Unscrew cover plate. Take care removing the lid as the PCB is on the inside of the lid.
2. Connect the high level float to terminals labelled *High Lvl (NO)*. The float is to be wired Normally Open, i.e. the circuit is closed when the float is in the 'up' position.
3. If necessary, connect the start/stop float to terminals labelled *Start/Stop (NO)*. The float is to be wired Normally Open, i.e. the circuit is closed when the float is in the 'up' position. If the pump has it's own float no start/stop float is required and these terminals are to be looped.
4. Connect the Pump's Phase, Neutral and Earth supply to terminals labelled *Pump Phase, Pump Neutral and Pump Earth*.
5. Connect the power supply to the terminals labelled *Supply Phase, Supply Neutral and Supply Earth*.
6. In alarm state the alarm light should illuminate and buzzer sound. Test the controller by;
Lifting the alarm float to the vertical position to indicate a high water level AND
Press the mute button to mute the alarm
7. **IMPORTANT:** Ensure conduits into controller are fully sealed to stop condensation forming within controller.

Any questions or concerns with respect to wiring this, please contact N2P Controls on +64 9 570 1919.

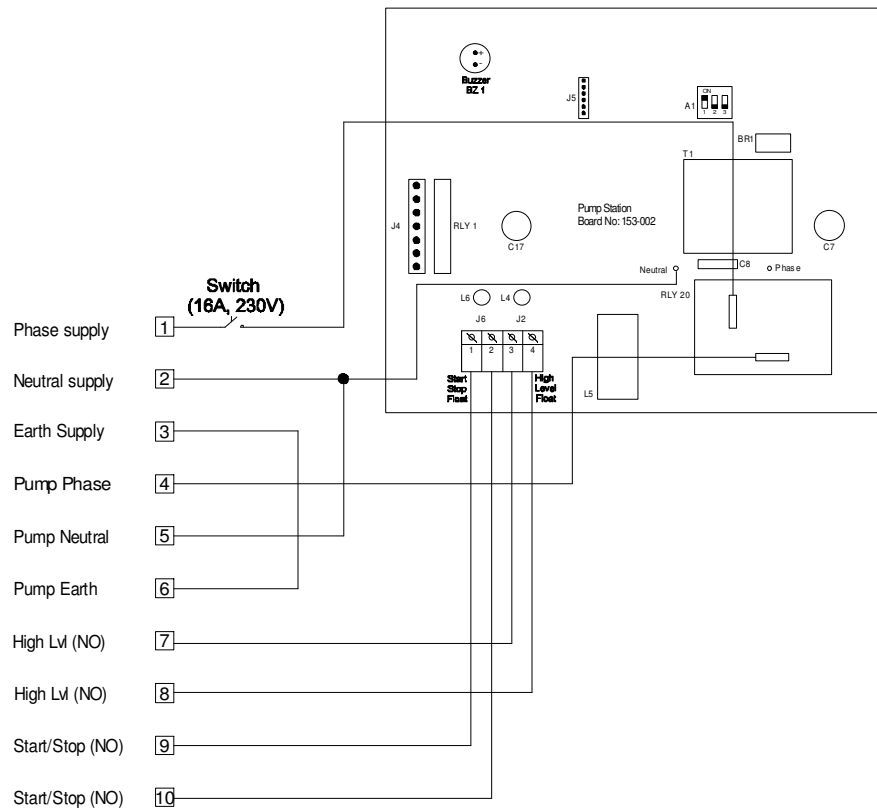
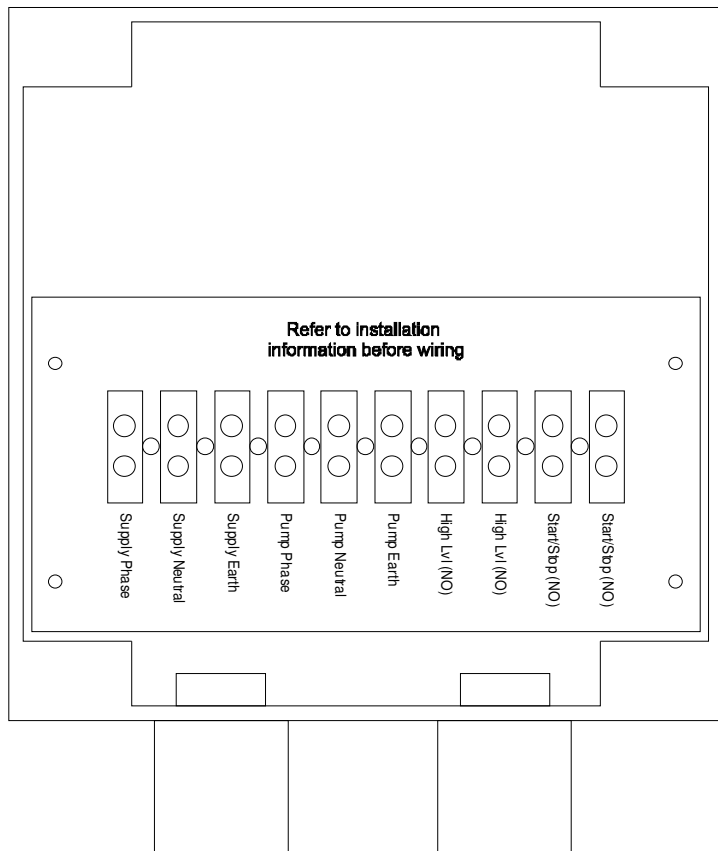
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Controller By





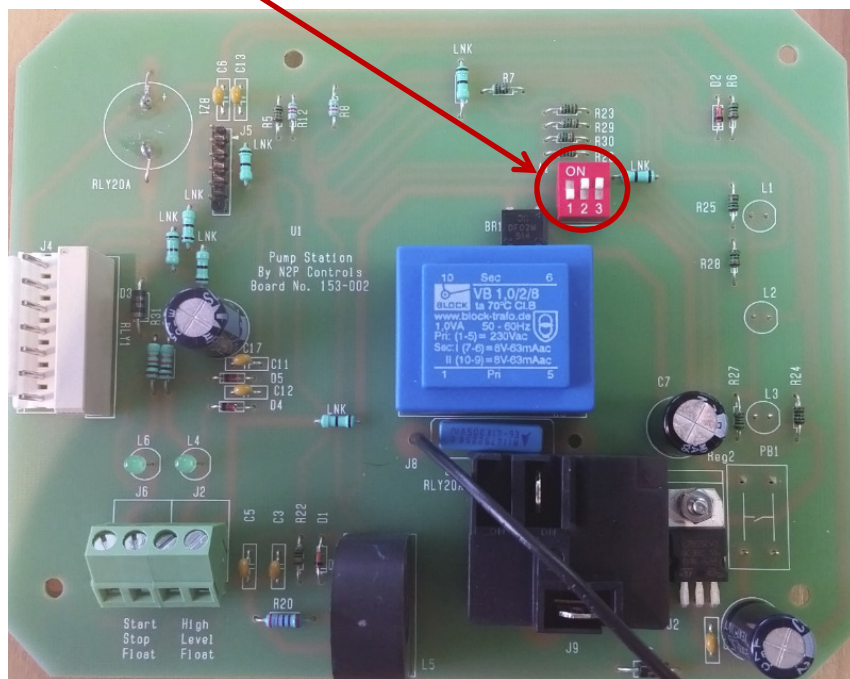
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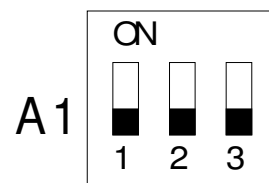
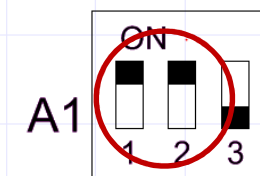


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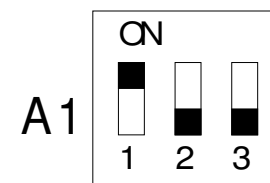
The overload settings can be changed based by changing the dipswitches on the PCB. The switches are shown in the picture below.



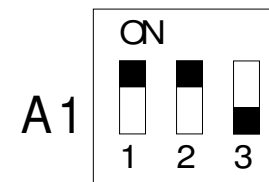
The first two switches are for the Pump Overload setting. The 3rd pair of switches are for the Mute button. Move the switch to achieve the require overload settings as shown below.



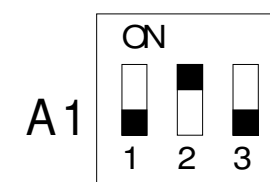
4.5A Setting



8.5A Setting



11A Setting



14A Setting