

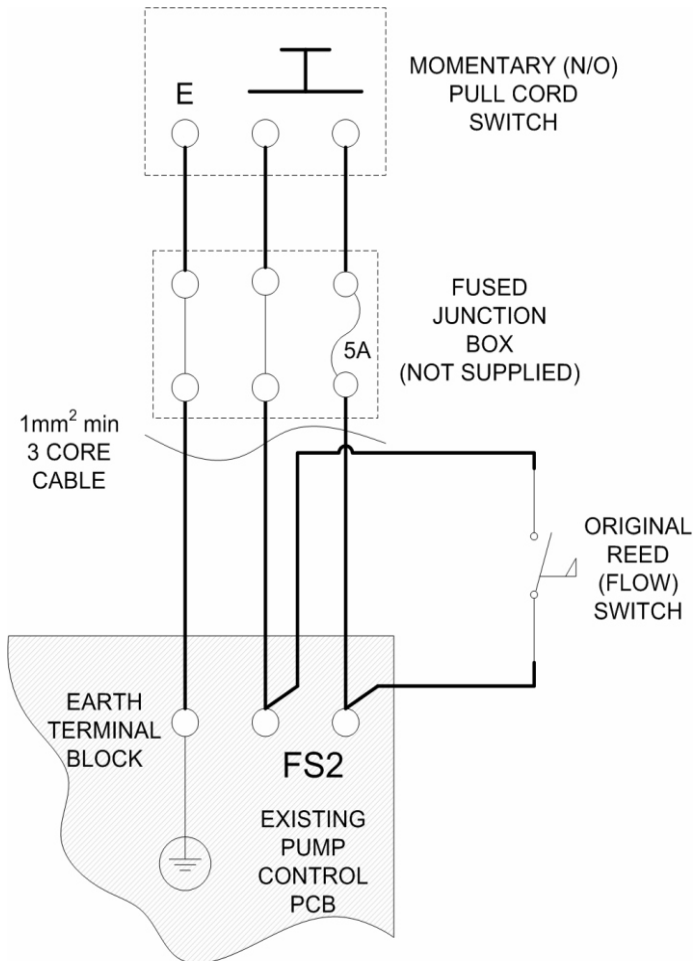
Negative head modification kit for all 2 & 1.5 bar pumps

Warning: This modification kit must be installed by a competent person in accordance with 17th Edition of the IEE wiring regulations BS7061:2008 and Part P of the United Kingdom Building regulations - ensure that the electrical power supply and water supply are isolated before installation.

Your negative head kit consists off: 1 x Pull cord switch
1 x Flow switch connector type A

1 x semi gloss label
1 x Instruction leaflet

Fig 1.1



Installation guide: See Fig 1.1

Step 1. Locate and affix the momentary pull cord switch supplied. (Refer to 17th addition regulations for location).

Step 2. Run a length of 3 core double insulated cable from the pull cord switch to a 5 amp junction box (not supplied) 3 core cable ideally to be used has - Brown, Blue and Yellow/Green - 1mm cable (Refer to 17th addition regulations chapter 52 for cable and installations guide).

Step 3. The 5 amp junction box (Not supplied) should be located as near to the pump as possible.

Step 4. Strip away sufficient outer insulation from each end of the 3 core cable, exposing the inner core with the coloured insulation.

Step 5. Strip away approximately 5mm of insulation from each of the wires and connect one end of the three core cable to the pull cord switch - connect the other to the 5amp junction box.

Step 6. From the junction box run the 3 core cable to the pump, remove the PCB cover and the flow sensor termination from termination point - Fs2. Connect the connector block to Fs2; connect the earth wire to the earth terminal block on the PCB.

Step 7. Connect the live and neutral on the 3 core cable to the terminal block - reconnect the flow sensor by removing the termination and strip back 5mm of insulation to expose the copper wire and connect to the terminal block provided.

Step 8. Ensure that the wires from the 3 core cable are correctly routed along with the flow sensor cable before replacing the PCB enclosure.

Operation of the pump: Before starting the pump ensure that it is primed. (Open any isolating valve/s fitted and fill the pump chamber with water till full) Once primed the pump will start when the pull cord is operated, and a water draw off point is opened, the pump will stop when the water draw off point is closed. If cavitation of the pump occurs stop and start the pump 4/5 times to remove any air locks in the system.

Contact the Customer Service Helpline on Tel: 0844 701 6273 or Fax: 0844 701 6275 in the event of any query.

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