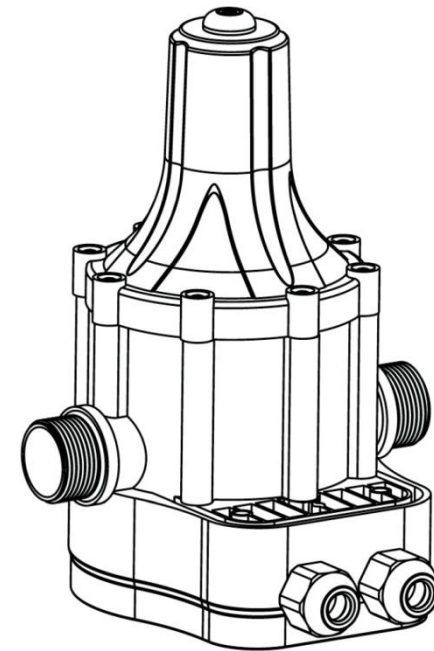




Electromagnetic Switch

User Manual



• PS-04A

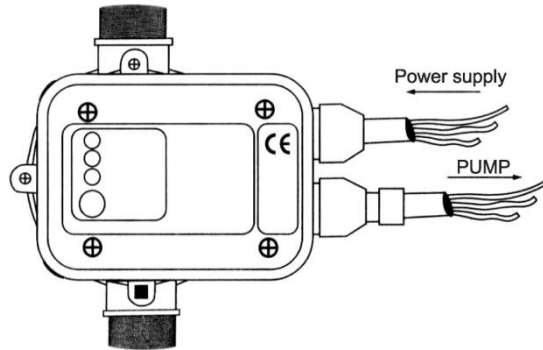
Electromagnetic Switch



PS-04A

Rated Voltage	220-240V	110-120V	110-240V
Power Frequency	50/60 Hz		
Max.Power	1.1 kW/1.5 kW	0.55 kW	0.55 kW(110-120V) /1.1 kW(220-240V)
Max. Using Current	10 A		
Start Pressure Setting	1.2 bar / 1.5 bar / 2.2 bar		
Max. Working Pressure	10 bar		
Connection Thread	G1"(Standard) G1 1/4", G1 1/2", NPT1"(Optional)		
Protection Rating	IP65		
Max. Working Temperature	55 °C		
Cable	1.6m plug cable 45cm pump connection cable		

OPERATION



Follow the wiring instructions on the back of the panel to make the correct electrical connections. Incorrect connections may damage the control board. The outer diameter of the 3-core cable must be between 6 mm and 9 mm. To ensure the control box remains watertight, all screws and cable glands must be tightened.

Power On

When the PRESSCONFORT is connected to the power supply, the "Power On" button will turn green and the "Pump On" button will turn yellow. The pump is now ready to operate.

The pump will continue running for a few seconds to build pressure in the piping system until the required pressure is reached. If the pressure cannot be reached, the "Failure" button will light up red. Open a tap and hold down the "Reset" button until the "Failure" light switches off.

The unit will stop the pump once the maximum pressure inside the pump has been reached, provided the "Reset" button has been released and the tap is closed.

FUNCTION

The PRESSCONFORT is programmed to automatically control the pump.

Certain malfunctions can be detected by the PRESSCONFORT, such as insufficient water supply or a blocked suction line. In such cases, the "Failure" button will turn red and the pump will be stopped in order to prevent damage caused by dry running.

Restart the device by pressing the "Reset" button once the fault has been corrected.

Caution!

If the unit or the power cord is damaged, it must be repaired by the manufacturer, its service agent, or a qualified person.



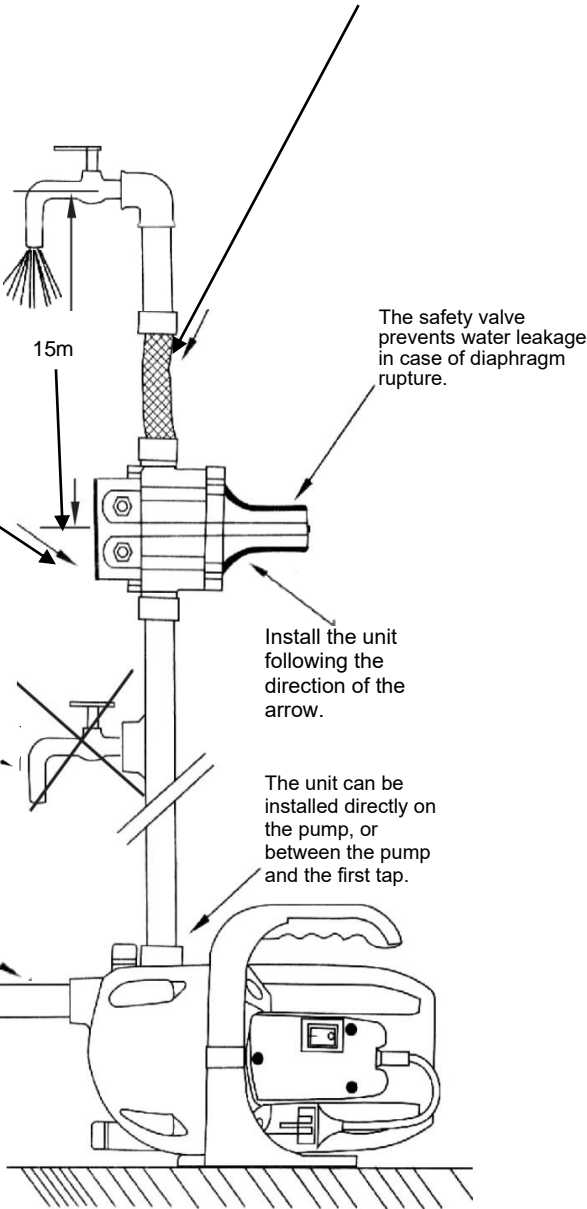
Meaning of the crossed-out wheeled bin symbol:
Do not dispose of electrical devices with unsorted municipal waste; use designated collection points instead.

INSTALLATION

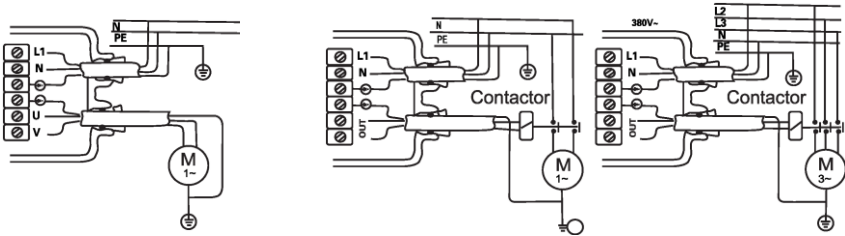
If the distance between the pump and the tap is greater than 15 m, it is not recommended to install the PRESSCONFORT directly on the pump. The position of the PRESSCONFORT should be adjusted to ensure the distance is less than 15 m. For example: if the vertical distance between the pump and the tap is 20 m, the PRESSCONFORT should be installed 5 m above the pump.

Note:
The 15 m distance applies to a PRESSCONFORT with a starting pressure setting of 1.5 bar. For a setting of 2.2 bar, the maximum distance is 22 m. The unit is equipped with a check valve to prevent pressure drops.

It is recommended to connect the unit's outlet to the system using a flexible hose.



WIRING DIAGRAM



For single-phase 230 V. Power up to 1.1 kW.
For single-phase 230 V with a contactor. Contactor specifications: 220 V, with a minimum power of 4 kW (5.5 HP).
For three-phase 400 V with a contactor. Contactor specifications: 220 V, with a minimum power of 4 kW (5.5 HP).

Fault List

Fault	Possible PRESSCONFORT Causes	Other Possible Causes
The pump does not start	Electronic board fault	-Supply voltage too low -Pump is clogged -Incorrect electrical connections
The pump does not stop	-Electronic board fault -Flow sensor fault -Pressure is insufficient Reset button damaged	-Water flow below 0.6 L/min → pump is lacking water
The pump operates intermittently	Electronic board fault Pressure is insufficient	-Water flow below 0.6 L/min → pump is lacking water
The pump is clogged	Electronic board fault Pressure is below restart pressure	- Water supply is insufficient - Suction line is clogged