

PW-03W



TECHNICAL DATE

Rated working voltage	AC380V/50Hz/60Hz				
Rated output power	0.75-4KW, 5.5-7.5KW, 2.2-11KW, 2.2-15KW (one controller for one pump)				
Locked-rotor working time	<1 seconds				
Dry-running protect acting time	10Seconds, 3minutes, 5minutes optional				
Recover time from Dry-running	1 hour				
Open phase protection time	<2 seconds				
Under voltage/over voltage acting time	<5 seconds				
Recovery time from under/over voltage	5 minutes				
Under voltage protection	AC304V				
Over voltage protection	AC437V				
Distance for signal transmit	≤200m				
Protection grade	IP54				
Over current acting time: 1s-30s (Inverse-time characteristic-the current bigger, acting time shorter)					
Overload multiple (Times)	1.3	1.5	2	3	5
Acting time	30S	15S	5S	3S	1S

DESCRIPTIONS

- 1.This controller is a special intelligent protection controller for sewage pump and cutting pump. Compared with the traditional protector, it has reverse function. For example, it can reverse the pump to discharge the foreign body automatically when the pump protect as pump stuck. It is suitable for the automatic liquid level, pressure control and protection of the three-phase sewage pump and cutting pump directly start by 0.75- 15KW.
- 2.Auto/Manual control.
- 3.Four working modes: with float switch; with liquid level sensor; with mechanical pressure switch and with electric contact pressure gauge, suitable for various working condition.
- 4.Under/over voltage protection.
- 5.Over current protection.
- 6.Short circuit protection.
- 7.Open-phase protection.
- 8.Built-in air breaker protector .
- 9.Current one key set by automatically or manually.
- 10.Dry-running protect acting time adjustable(10 seconds, 3mins, 5mins),suitable for various pump and working conditions.
- 11.Dry-running current value adjustable(0.7A to 90% of rated current)
- 12.The number of reversals is adjustable (1-9)
- 13.Dry-running protection with sensor free.
- 14.LCD screen displays voltage, current value.
- 15.LCD displays fault information and alarm;
- 16.It can be configured according to user's requirements;

