

SPP-111P-3RL, SPP-233P & SPP-235P

For 1/2–15 HP applications



Applications

Water systems...for residential, multiple housing, farm and commercial installations, where a 4" 2 or 3-wire submersible motor or above-ground motor is used.

Protects Pumps From

- ▶ Dry Well
- ▶ Flow Restriction (Dead Head)
- ▶ Overcurrent (Jammed Impeller)
- ▶ Overvoltage
- ▶ Undervoltage

Features

The SPP-111P-3RL, SPP-233P & SPP-235P single-phase protectors include a unique microcontroller-based voltage and current-sensing circuit that constantly monitors the incoming power for fluctuations including overcurrent and undercurrent. When an abnormality, such as loss of suction, is detected, the control deactivates its output relay and directly disconnects the pump motor. The SPP then begins its user-selectable restart delay (dry-well recovery) timer. When the timer counts to zero or power is removed and reapplied, the SPP reactivates its output relay and turns the pump back on. An infrared LED communicates directly with a handheld diagnostic tool called the Informer (sold separately). The Informer displays 16 parameters including calibration point, trip point, running points, and last fault. The SPPs are all mounted in a NEMA 3R enclosure.

HP	PHASE	VOLTS	FREQUENCY	CATALOG NUMBER	WEIGHT	
					LBS.	KG
1/2 – 1	1	115	50-60 Hz	SPP-111P-3RL	1.6	0.7
1/2 – 1-1/2	1	230	50-60 Hz	SPP-233P-1.5	1.6	0.7
1/2 – 3	1	230	50-60 Hz	SPP-233P	1.6	0.7
5 & 7-1/2	1	230	50-60 Hz	SPP-235P-75*	2	0.9
10	1	230	50-60 Hz	SPP-235P-100*	2	0.9
15	1	230	50-60 Hz	SPP-235P-150*	2	0.9

* Current transformer included.

