

SJE AMPMASTER® Pump Switch

Mechanically-activated, wide-angle 20 amp rated switch designed to control pumps up to 1 1/2 HP at 125 VAC and 3 HP at 250 VAC.

This mechanically-activated, wide-angle 20 amp rated pump switch provides automatic control of grinder and high head sewage pumps in grinder and lift station applications, as well as septic tank effluent pump (STEP) systems.

The SJE AmpMaster® pump switch is not sensitive to rotation or turbulence allowing it to be used in both calm and turbulent applications.

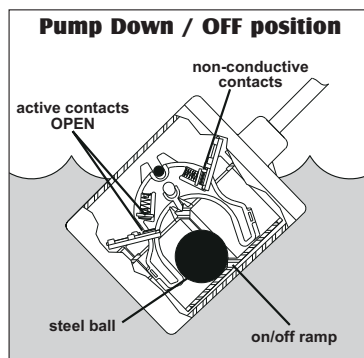
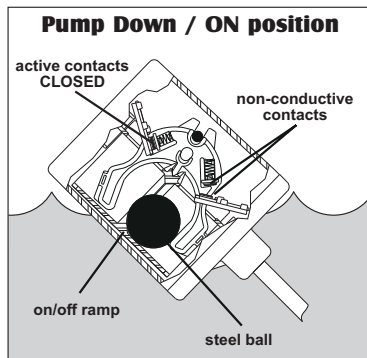
It is available for pump down applications. 



U.S. Patent Nos. 5,087,801 & 5,142,108

FEATURES

- Maximum pump running current of 20 amps.
- Heavy-duty contacts mounted on high-conductivity copper substrates.
- Controls pumps up to 1 1/2 HP at 125 VAC and 3 HP at 250 VAC.
- Second set of non-conductive contacts enhance switch activation.
- For direct wiring in 125 VAC or 250 VAC applications (piggy-back plug model not available).
- Adjustable pumping range of 23 to 61 cm (9 to 24 inches).
- Includes standard mounting clamp and boxed packaging.
- UL Recognized for use in non-potable water and sewage.
- CSA Certified.
- Three-year limited warranty.



OPTIONS

This switch is available:

- in standard cable lengths of 3, 5, 6, or 10 meters and 10, 15, 20, or 30 feet (longer lengths available).

SPECIFICATIONS

CABLE: flexible 12 gauge, 2 conductor (UL, CSA) SJOW, water-resistant, (CPE)

FLOAT: 7.75 cm diameter x 9.04 cm long (3.05 inch x 3.56 inch), high impact, corrosion resistant, PVC housing for use in sewage and non-potable water up to 50°C (120°F)

ELECTRICAL:

120 VAC 50/60 Hz Single Phase:

Maximum Pump Running Current:
20 amps

Maximum Pump Starting Current:
120 amps

Recommended Pump HP:
1119 W (1 1/2 HP) or less

250 VAC 50/60 Hz Single Phase:

Maximum Pump Running Current:
20 amps

Maximum Pump Starting Current:
120 amps

Recommended Pump HP:
2238 W (3 HP) or less

NOTE: This switch must be used with pumps that provide integral thermal overload protection. Certain pump applications may require the use of an external capacitor start kit.

SEE BACKSIDE FOR ORDERING INFORMATION.

SJE
Rhombus

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ORDERING INFORMATION

PART NUMBER Pump Down Only	DESCRIPTION		SHIPPING WEIGHT
	Cable Length	Plug Configuration	
1006320	3 Meters	No Plug	0.70 kgs.
1006321	5 Meters	No Plug	0.98 kgs.
1006322	6 Meters	No Plug	1.12 kgs.
1006323	10 Meters	No Plug	1.67 kgs.

Contact SJE-Rhombus for pricing or submit an on-line quote request at www.sjerhombus.com.

OPTIONS

MOUNTING CLAMP IS STANDARD

If clamp is not required please specify.

CABLE WEIGHT

If cable weight is required please specify.

BAGGED PACKAGING IS STANDARD

For individual boxed packaging please specify.

ADDITIONAL CABLE LENGTH IS AVAILABLE

SPECIFICATIONS

PUMPING RANGE: 23 to 61 cm (9 to 24 inches)

CABLE: flexible 12 gauge, 2 conductor SJOW (UL, CSA), water-resistant, chlorinated polyethylene (CPE)

FLOAT: 7.75 cm diameter x 9.04 cm long (3.05 x 3.56 inch), impact resistant, non-corrosive, PVC plastic for use in liquids up to 50°C (120°F)

ELECTRICAL:

Voltage 50 Hz/60Hz Single Phase	Maximum Pump Running Current	Maximum Pump Starting Current	Max. Recommend Pump Power
125 VAC 250 VAC	20 amps 20 amps	120 amps 120 amps	1119 W (1 1/2 HP) 2238 W (3 HP)

NOTE: This switch must be used with pumps that provide integral thermal overload protection. Certain pump applications may require the use of an external capacitor start kit.

UL Recognized for Water & Sewage



OTHER INFORMATION

PUMP DOWN is normally open contacts for emptying.

FOR PUMP DOWN APPLICATIONS ONLY.

DIRECT WIRING

Units may be used in either 125 VAC or 250 VAC applications within specified amp ratings.



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