

SJE PUMPMASTER® SPDT Pump Switch

Mechanically-activated, wide-angle switch designed to control pumps up to 1/2 HP at 120 VAC and 1 HP at 230 VAC.

This mechanically-activated, wide-angle pump switch provides automatic control of pumps in:

- Potable Water
- Water
- Sewage applications

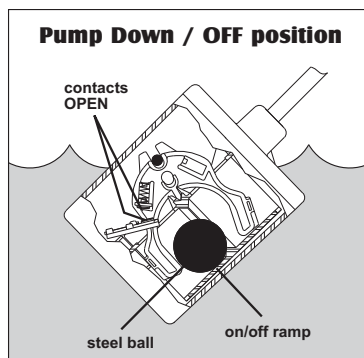
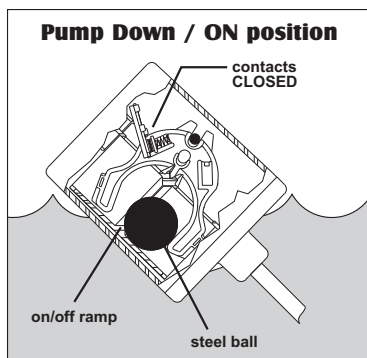
The SJE PumpMaster® SPDT pump switch is not sensitive to rotation or turbulence allowing it to be used in both calm and turbulent applications.

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



FEATURES

- Passed NSF Standard 61 protocol by an approved Water Quality Association laboratory.
- Can be wired to work in either pump down (normally open) or pump up (normally closed) applications (**Single Pole, Double Throw**).
- Heavy-duty contacts.
- Controls pumps up to 1/2 HP at 120 VAC and 1 HP at 230 VAC.
- For direct wiring in 120 VAC or 230 VAC applications.
- Adjustable pumping range of 18 to 91 cm (7 to 36 inches).
- Includes standard mounting clamp and boxed packaging.
- UL Recognized for use in 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 16 gauge, 3 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 water up to 60°C (140°F)

ELECTRICAL:

120 VAC 50/60 Hz Single Phase:

Maximum Pump Running Current:

13 amps

Maximum Pump Starting Current:

85 amps

Recommended Pump HP:

373 W (1/2 HP) or less

230 VAC 50/60 Hz Single Phase:

Maximum Pump Running Current:

13 amps

Maximum Pump Starting Current:

85 amps

Recommended Pump HP:

746 W (1 HP) or less

NOTE: This switch must be used with pumps that provide integral thermal overload protection.

SJE Rhombus®

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SEE BACKSIDE FOR ORDERING INFORMATION.

SJE PUMPMASTER® SPDT Pump Switch

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ORDERING INFORMATION

PART NUMBER N/Open or Closed	DESCRIPTION		SHIPPING WEIGHT
	Cable Length	Mounting Device	
1004673	3 Meters	Mounting Clamp	0.68 kgs.
1004674	3 Meters	Cable Weight	1.52 kgs.
1004675	5 Meters	Mounting Clamp	0.89 kgs.
1004676	5 Meters	Cable Weight	1.72 kgs.
1004677	6 Meters	Mounting Clamp	0.99 kgs.
1004678	6 Meters	Cable Weight	1.83 kgs.
1004679	10 Meters	Mounting Clamp	1.41 kgs.
1004680	10 Meters	Cable Weight	2.25 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 not required please specify.

BAGGED PACKAGING IS STANDARD

For individual boxed packaging please specify.

ADDITIONAL CABLE LENGTH IS AVAILABLE

SPECIFICATIONS

PUMPING RANGE: 18 cm to 91 cm (7 to 36 inches)

CABLE: flexible 16 gauge, 3 conductor SJOW (UL, CSA), water-resistant, chlorinated polyethylene (CPE)

FLOAT: 7.75 cm diameter x 9.04 cm long (3.05 inch x 3.56 inch), impact resistant, non-corrosive, PVC plastic for use in liquids up to 60°C (140°F)

ELECTRICAL:

Voltage 50 Hz/60Hz Single Phase	Maximum Pump Running Current	Maximum Pump Starting Current	Max. Recommend Pump Power
120 VAC	13 amps	85 amps	373 W (1/2 HP)
230 VAC	13 amps	85 amps	746 W (1 HP)

NOTE: This switch must be used with pumps that provide integral thermal overload protection.

UL Recognized for
Water & Sewage



OTHER INFORMATION

PUMP DOWN is normally open contacts for emptying in potable water, water or sewage applications.

FOR PUMP DOWN APPLICATIONS ONLY.

DIRECT WIRING

Units may be used in either 120 VAC or 230 VAC applications within specified amp ratings.

www.sjerhombus.com
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