

# SJE PUMPMASTER® SPDT Pump Switch

**Mechanically-activated, wide-angle switch designed for direct control of 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:

- water
- sewage applications

It can be wired to work in either pump down (normally open) or pump up (normally closed) 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.



## FEATURES

- 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 or 230 VAC applications.
- Adjustable pumping range of 7 to 36 inches (18 to 91 cm).
- Includes standard mounting clamp and boxed packaging.
- UL Recognized for use in water and sewage.
- CSA Certified.
- Five-year limited warranty.

## SPECIFICATIONS

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

**FLOAT:** 3.05 inch diameter x 3.56 inch long (7.75 x 9.04 cm) high impact, corrosion resistant, PVC housing for use in sewage and water up to 140°F (60°C)

### ELECTRICAL:

#### 120 VAC 50/60Hz Single Phase:

**Maximum Pump Running Current:**

13 amps

**Maximum Pump Starting Current:**

85 amps

**Recommended Pump HP:**

1/2 HP or less

#### 230 VAC 50/60Hz Single Phase:

**Maximum Pump Running Current:**

13 amps

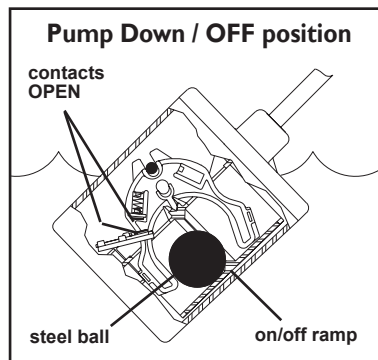
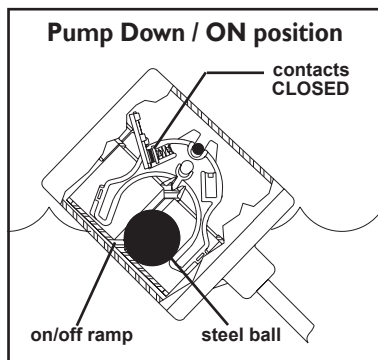
**Maximum Pump Starting Current:**

85 amps

**Recommended Pump HP:**

1 HP or less

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



## OPTIONS

This switch is available:

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

**SEE BACKSIDE FOR ORDERING INFORMATION.  
SEE PRICE BOOK FOR LIST PRICE.**



**SJE RHOMBUS**

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# SJE PUMPMASTER® SPDT Pump Switch

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

## ORDERING INFORMATION

PUMP DOWN OR PUMP UP   without plug only		Shipping Weight
Part Number	Description	
1004834	10PMSPDTPC	1.81 lbs.
1004835	10PMSPDTWE	3.05 lbs.
1004836	15PMSPDTPC	2.21 lbs.
1004837	15PMSPDTWE	3.45 lbs.
1004838	20PMSPDTPC	2.61 lbs.
1004839	20PMSPDTWE	3.85 lbs.
1004840	30PMSPDTPC	3.41 lbs.
1004841	30PMSPDTWE	4.65 lbs.

PC = Pipe Clamp WE = Weighted Externally

Can be wired to work in either pump down (normally open) or pump up (normally closed) applications (Single Pole, Double Throw).

**NOTE:** Descriptions are grouped by cable length measured in feet (10, 15, 20, 30).  
**SEE PRICE BOOK FOR LIST PRICE.**

## OPTIONS

### PACKAGING

**Boxed** - standard  
**Bagged** - optional  
**Bulk** - optional

### ADDITIONAL CABLE

Longer cable lengths available. Please call for details.



## SPECIFICATIONS

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

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

**FLOAT:** 3.05 inch diameter x 3.56 inch long (7.75 cm x 9.04 cm), high impact, corrosion resistant, PVC housing for use in sewage and water up to 140°F (60°C)

### ELECTRICAL:

Voltage 50Hz/60Hz Single Phase	Max. Pump Run Current	Max. Pump Start Current	Recommended Pump HP
120 VAC	13 amps	85 amps	1/2 HP or less
230 VAC	13 amps	85 amps	1 HP or less

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


## OTHER INFORMATION

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

**PUMP UP** is normally closed contacts for filling in water or sewage applications.

### DIRECT WIRING

Units used for direct wiring (without plug) may be used in either 120 VAC or 230 VAC applications within specified amp ratings.

**Call or fax your order!**  
1-888-DIAL-SJE (1-888-342-5753)  Fax 218-847-4617

*Product offering and pricing are subject to change without notice.  
Please visit [www.sjerhombus.com](http://www.sjerhombus.com) for the most current information.*