

# 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:

- potable water
- water
- sewage applications

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

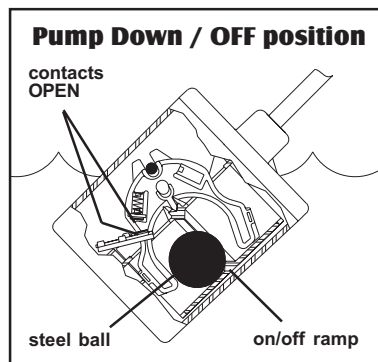
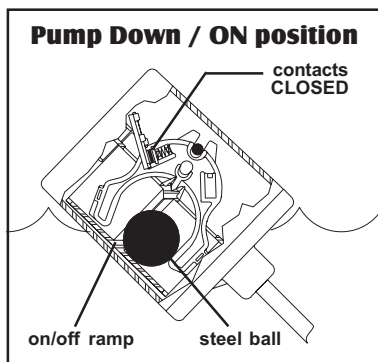
The SJE PumpMaster® SPDT pump switch is not sensitive to rotation or turbulence allowing it to be used in both calm and turbulent applications.



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 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.
- Three-year limited warranty.



## 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).

## 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.

PUMP SWITCHES  
(MECHANICAL)

**SJE**  
**Rhombus**  
CONTROLS

PO Box 1708, Detroit Lakes, MN 56502

1-888-DIAL-SJE • 1-218-847-1317

1-218-847-4617 Fax

email: [sje@sjerhombus.com](mailto:sje@sjerhombus.com)



[www.sjerhombus.com](http://www.sjerhombus.com)

SEE BACKSIDE FOR PRICING/ORDERING INFORMATION.

# 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.

## PRICING/ORDERING INFORMATION

PUMP DOWN OR PUMP UP   without plug only		Suggested List Price	Shipping Weight
Part Number	Description		
1004834	10PMSPDTPC	\$47.69	1.81 lbs.
1004835	10PMSPDTWE	\$54.00	3.65 lbs.
1004836	15PMSPDTPC	\$50.68	2.21 lbs.
1004837	15PMSPDTWE	\$56.86	4.05 lbs.
1004838	20PMSPDTPC	\$53.42	2.61 lbs.
1004839	20PMSPDTWE	\$59.73	4.45 lbs.
1004840	30PMSPDTPC	\$56.29	3.41 lbs.
1004841	30PMSPDTWE	\$66.19	5.25 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).

Passed NSF standard 61 protocol by an approved Water Quality Association laboratory.



## OPTIONS

### MOUNTING CLAMP is standard.

If mounting clamp is not required, specify and deduct 60¢ from list price. Cable weight mounting is also available.

### PACKAGING

**Boxed** - Standard  
**Bagged** - Specify and deduct 40¢ from list price.

**Bulk** - Specify and deduct 60¢ from list price.

### ADDITIONAL CABLE

Additional cable length over 30 feet is available at 70¢ per foot (list price).

UL Recognized for Water & Sewage



LR54245

PUMP SWITCHES  
(MECHANICAL)

## 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 potable water, water or sewage applications.

**PUMP UP** is normally closed contacts for filling in potable water, 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



www.sjrhombus.com  
sje@sjrhombus.com