

# SJE PUMPMASTER® SPDT PUMP SWITCH

## Mechanically-Activated, Wide-Angle Switch

The SJE PumpMaster® SPDT mechanically-activated, wide-angle pump switch is designed for direct control of pumps up to 3/4 HP at 120 VAC and 2 HP at 230 VAC for:

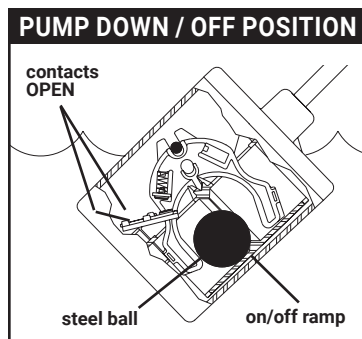
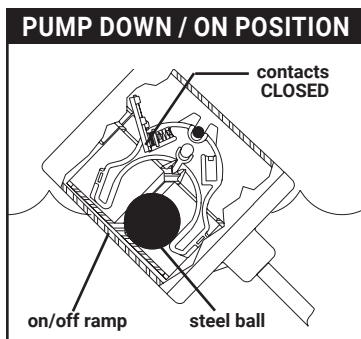
- water applications
- sewage applications

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



### 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).



UL Recognized for Water & Sewage



**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.

Part #	Description - Pump Down or Pump Up   Without Plug Only	Shipping Weight
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).

**MOUNTING CLAMP** is standard.

**CABLE WEIGHT MOUNTING** is also available.

**PACKAGING:** Boxed - Standard

**ADDITIONAL CABLE:** Longer cable lengths available.

## 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 230 VAC	13 amps 13 amps	85 amps 85 amps	1/2 HP or less 1 HP or less

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

**A Pump Switch is designed for Horsepower (HP) rated loads and is not suitable for control (pilot duty) applications. It will fail prematurely when switching loads less than 1 Amp at 120 VAC. Select a float switch from our Control Switch offering for control applications.**

## 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.