

## SJE PUMPMASTER® Plus Pump Switch

Mechanically-activated, wide-angle switch designed for direct control of pumps up to 3/4 HP at 120 VAC and 2 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® Plus pump is not sensitive to rotation or turbulence allowing it to be used in both calm and turbulent applications.



### FEATURES

- Passed NSF Standard 61 protocol by an approved Water Quality Association laboratory
- Heavy-duty contacts.
- Controls pumps up to 3/4 HP at 120 VAC and 2 HP at 230 VAC
- 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.



### SPECIFICATIONS

**CABLE:** flexible 14 gauge, 2 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:** 15 amps

**Maximum Pump Starting Current:** 85 amps

**Recommended Pump HP:** 3/4 HP or less

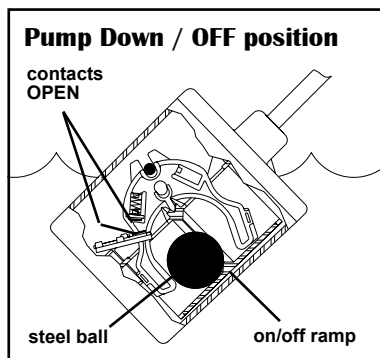
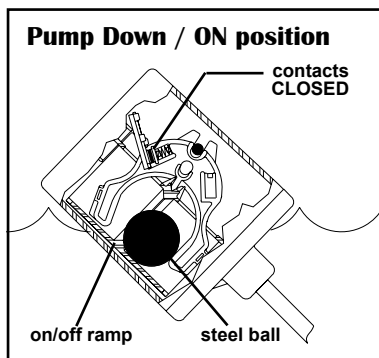
##### 230 VAC 50/60HZ Single Phase:

**Maximum Pump Running Current:** 15 amps

**Maximum Pump Starting Current:** 85 amps

**Recommended Pump HP:** 2 HP or less

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



### OPTIONS

This switch is available:



- for pump down or pump up applications as specified by part number.
- with a 120 VAC or 230 VAC piggy-back plug.
- without a plug for direct wiring in 120 VAC or 230 VAC applications.
- In standard cable lengths of 10, 15, 20 or 30 feet and 3, 5, 6 or 10 meters (longer lengths available).



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Mechanically-activated, wide-angle switch designed for direct control of pumps up to 3/4 HP at 120 VAC and 2 HP at 230 VAC.

## ORDERING INFORMATION

| PUMP DOWN  |             | PUMP UP  |             | Shipping Weight |
|---|-------------|---|-------------|-----------------|
| Part #  | Description | Part #  | Description |                 |
| 1003232   | 10PMPD1WP   | 1003237   | 10PMPU1WP   | 1.88 lbs.       |
| 1003233   | 10PMPD2WP   | 1003239   | 10PMPU2WP   | 1.92 lbs.       |
| 1003235   | 10PMPDWOP   | 1003241   | 10PMPUWOP   | 1.73 lbs.       |

|         |           |         |           |           |
|---------|-----------|---------|-----------|-----------|
| 1003243 | 15PMPD1WP | 1003249 | 15PMPU1WP | 2.23 lbs. |
| 1003245 | 15PMPD2WP | 1003251 | 15PMPU2WP | 2.23 lbs. |
| 1003247 | 15PMPDWOP | 1003253 | 15PMPUWOP | 2.13 lbs. |

|         |           |         |           |           |
|---------|-----------|---------|-----------|-----------|
| 1003255 | 20PMPD1WP | 1003261 | 20PMPU1WP | 2.57 lbs. |
| 1003257 | 20PMPD2WP | 1003263 | 20PMPU2WP | 2.61 lbs. |
| 1003259 | 20PMPDWOP | 1003265 | 20PMPUWOP | 2.49 lbs. |

|         |           |         |           |           |
|---------|-----------|---------|-----------|-----------|
| 1003267 | 30PMPD1WP | 1003273 | 30PMPU1WP | 3.38 lbs. |
| 1003269 | 30PMPD2WP | 1003275 | 30PMPU2WP | 3.41 lbs. |
| 1003271 | 30PMPDWOP | 1003277 | 30PMPUWOP | 3.30 lbs. |

D = Pump Down U = Pump Up 1 = 120VAC 2 = 230VAC

WP = With Plug WOP = With Out Plug

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.



## SPECIFICATIONS

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

**CABLE:** flexible 14 gauge, 2 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                        | 15 amps               | 85 amps                 | 3/4 HP or less      |
| 230 VAC                        | 15 amps               | 85 amps                 | 2 HP or less        |

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

## OPTIONS

**MOUNTING CLAMP** is standard - deduct optional

**CABLE WEIGHT MOUNTING** is also available.

### PACKAGING

**Boxed** - standard

**Bagged** - optional

**Bulk** - optional

**ADDITIONAL CABLE** additional cable length over 30 feet is available

UL Recognized for Water & Sewage



## OTHER INFORMATION

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

**PUMP UP** is normally closed contacts for filling in potable water, water and sewage applications.

### DIRECT WIRING

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

