

# SJE MICROMASTER® PLUS WS Pump Switch

Mechanically-activated, wide-angle switch specifically designed as a mechanical alternative to the mercury-activated Junior Super Single® pump switch.

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

- Water
- Sewage applications

This SJE MicroMaster® Plus WS pump switch is not sensitive to rotation or turbulence allowing it to be used in both calm and turbulent applications.



## FEATURES

- Mechanically-activated, snap action contacts.
- High impact, corrosion resistant, polypropylene float housing.
- Adjustable pump range of 8 to 36 inches (20 to 91 cm).
- UL Recognized for use in water and sewage.
- CSA Certified.
- Five-year limited warranty.



## SPECIFICATIONS

**CABLE:** flexible 16 gauge, 2 conductor (UL, CSA) SJOW, water-resistant, (CPE)

**FLOAT:** 2.74 inch diameter x 4.83 inch long (7.0 cm x 12.3 cm), high impact, corrosion resistant, polypropylene housing for use in water up to 140°F (60°C)

**MAXIMUM WATER DEPTH:** 33 feet (10 meters) or 13 PSI (90 kPa)

### ELECTRICAL:

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

**Maximum Pump Running Current:**  
13 amps  
**Maximum Pump Starting Current:**  
78 amps

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

**Maximum Pump Running Current:**  
13 amps  
**Maximum Pump Starting Current:**  
78 amps

**NOTE:** This switch is not recommended for controlling:

- electric loads less than 100 milliamps, 12 VAC
- non-arcing electric loads

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

## OPTIONS

**This switch is available:**

- for pump down or pump applications as specified by part number.
- with a 125 VAC or 250 VAC piggy back plug.
- without a plug for direct wiring in 125 VAC or 250 VAC applications.
- in standard cable lengths of 10, 15, 20, or 30 feet and 3, 5, 6, or 10 meters (longer lengths available).

**SJE**  
**Rhombus**

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SEE BACKSIDE FOR ORDERING INFORMATION.

# SJE MICROMASTER® PLUS WS Pump Switch

Mechanically-activated, wide-angle switch designed for performance and dependability.

## ORDERING INFORMATION

PUMP DOWN ↓		PUMP UP ↑		List Price	Shipping Weight
Part#	Description	Part#	Description		
1022021	10MMPD1WPWS	1022024	10MMPU1WPWS	\$60.80	1.48 lbs.
1022022	10MMPD2WPWS	1022025	10MMPU2WPWS	\$62.95	1.51 lbs.
1022020	10MMPDWOPWS	1022023	10MMPUWOPWS	\$53.23	1.04 lbs.
1022027	15MMPD1WPWS	1022030	15MMPU1WPWS	\$64.14	1.81 lbs.
1022028	15MMPD2WPWS	1022031	15MMPU2WPWS	\$66.31	1.85 lbs.
1022026	15MMPDWOPWS	1022029	15MMPUWOPWS	\$56.58	1.37 lbs.
1022033	20MMPD1WPWS	1022036	20MMPU1WPWS	\$67.63	2.14 lbs.
1022034	20MMPD2WPWS	1022037	20MMPU2WPWS	\$69.67	2.19 lbs.
1022032	20MMPDWOPWS	1022035	20MMPUWOPWS	\$59.92	1.69 lbs.
1022039	30MMPD1WPWS	1022042	30MMPU1WPWS	\$74.73	2.86 lbs.
1022040	30MMPD2WPWS	1022043	30MMPU2WPWS	\$76.89	2.90 lbs.
1022038	30MMPDWOPWS	1022041	30MMPUWOPWS	\$67.18	2.34 lbs.

D = Pump Down U = Pump Up 1 = 125 VAC 2 = 250 VAC

WP = With Plug WOP = With Out Plug

NOTE: Descriptions are grouped by cable length measured in feet (10, 15, 20, 30).

## OPTIONS

**MOUNTING CLAMP**  
is standard - deduct optional

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

**ADDITIONAL CABLE**  
Longer cable lengths available. Please call for details.

UL Recognized for Water & Sewage



LR54245



## SPECIFICATIONS

**PUMPING RANGE:** 8 to 36 inches (20 cm to 91 cm).

**CABLE :** flexible 16 gauge, 2 conductor (UL, CSA) SJOW, water-resistant (CPE)

**FLOAT:** 2.74 inch diameter x 4.83 inch long (7.0 cm x 12.3 cm), high impact, corrosion resistant, polypropylene housing for use in water up to 140°F (60°C)

**MAXIMUM WATER DEPTH:** 33 feet (10 meters) or 13 psi (90 kPa)

### ELECTRICAL:

Voltage 50Hz/60Hz Single Phase	Max. Pump Run Current	Max. Pump Start Current
125 VAC	13 amps	78 amps
250 VAC	13 amps	78 amps

NOTE: This switch is not recommended for controlling:

- electric loads less than 100 milliamps, 12 VAC
- non-arcing electric loads

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 125 VAC or 250 VAC applications within specified amp ratings.

# SJE Rhombus®

www.sjerhombus.com

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**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.