SJE MICROMASTER® PLUS WS PUMP SWITCH

Mechanically-Activated, Wide-Angle Switch

The SJE MicroMaster® mechanically-activated, wide-angle pump switch designed specifically as a mechanical alternative to the mercury-activated Junior Super Single(R) pump switch for:

- water applications
- 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)

OPTIONS

This switch is available:

- for pump down or pump up 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)

UL Recognized for Water & Sewage

LR54245

Mechanical

SJE RHOMBUS®
Powered by SJE

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SJE MICROMASTER® PLUS WS PUMP SWITCH - Mechanically-activated, wide-angle switch designed for performance and dependability.

PUMP DOWN		PUMP UP		
Part #	Description	Part #	Description	Shipping Weight
1022021	10MMPD1WPWS	**1022024**	10MMPU1WPWS	1.48 lbs.
1022022	10MMPD2WPWS	**1022025**	10MMPU2WPWS	1.51 lbs.
1022020	10MMPDWOPWS	**1022023**	10MMPUWOPWS	1.04 lbs.
1022027	15MMPD1WPWS	**1022030**	15MMPU1WPWS	1.81 lbs.
1022028	15MMPD2WPWS	**1022031**	15MMPU2WPWS	1.85 lbs.
1022026	15MMPDWOPWS	**1022029**	15MMPUWOPWS	1.37 lbs.
1022033	20MMPD1WPWS	**1022036**	20MMPU1WPWS	2.14 lbs.
1022034	20MMPD2WPWS	**1022037**	20MMPU2WPWS	2.19 lbs.
1022032	20MMPDWOPWS	**1022035**	20MMPUWOPWS	1.69 lbs.
1022039	30MMPD1WPWS	**1022042**	30MMPU1WPWS	2.86 lbs.
1022040	30MMPD2WPWS	**1022043**	30MMPU2WPWS	2.90 lbs.
1022038	30MMPDWOPWS	**1022041**	30MMPUWOPWS	2.34 lbs.

D = Pump **D**own **U** = Pump **U**p **1** = **125**VAC **2** = **250**VAC **WP** = **W**ith **P**lug **WOP** = **W**ith **O**ut **P**lug

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: 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 **250 VAC**	**13 amps** **12 amps**	**78 amps** **72 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.

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 125 VAC or 250 VAC applications within specified amp ratings.

California Prop 65 requires the following: ⚠ WARNING Cancer and Reproductive Harm - www.P65Warnings.ca.gov