

# SJE MICROMASTER® AC/DC Pump Switch

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

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

- Water
- Sewage applications

This SJE MicroMaster® AC/DC 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 18 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:

#### 12 VDC:

**Maximum Pump Running Current:**  
10 amps

**Maximum Pump Starting Current:**  
100 amps

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

**Maximum Pump Run Current:**  
10 amps

**Maximum Pump Starting Current:**  
60 amps

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

**Maximum Pump Run Current:**  
8 amps

**Maximum Pump Starting Current:**  
60 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 applications as specified by part number.
- without a plug for direct wiring.
- in standard cable length of 15 feet (5 meters).

SEE BACKSIDE FOR ORDERING INFORMATION.  
SEE PRICE BOOK FOR LIST PRICE.

**SJE**  
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## ORDERING INFORMATION

PUMP DOWN ↓		PUMP UP ↑		Shipping Weight
Part #	Description	Part #	Description	
1009813	15MMDCDWOP	1012543	15MMDCUWOP	3.63 lbs.

D = Pump Down U = Pump Up

WOP = With Out Plug

SEE PRICE BOOK FOR LIST PRICE.

## OPTIONS

**MOUNTING CLAMP**  
is standard.

**PACKAGING**  
Bulk - Standard

## SPECIFICATIONS

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

**CABLE :** flexible 18 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
12 VDC	10 amps	100 amps
125 VAC	10 amps	60 amps
250 VAC	8 amps	60 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 12 VDC, 125 VAC or 250 VAC applications within specified amp ratings.



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

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**Call or fax your order!**

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*Product offering and pricing are subject to change without notice.  
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