

# SJE MICROMASTER® AC/DC PUMP SWITCH

Mechanically-Activated, Wide-Angle Switch

The SJE MicroMaster® AC/DC mechanically-activated, wide-angle pump switch provides direct control of pumps for:

- water applications
- 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)

## OPTIONS

This switch is available:



- for pump down or pump up applications as specified by part number
- without a plug for direct wiring
- in standard cable length of 15 feet (5 meters)



UL Recognized for Water & Sewage



**SJE MICROMASTER® AC/DC PUMP SWITCH** - Mechanically-activated, wide-angle switch designed for performance and dependability.

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

MOUNTING CLAMP is standard.

PACKAGING: Bagged - 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.

**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 12 VDC, 125 VAC or 250 VAC applications within specified amp ratings.

Mechanical