**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

**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).

**NOTE:** This switch must be used with pumps that provide integral thermal overload protection.
**PUMPING RANGE:** 8 to 36 inches (20 cm to 91 cm).

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

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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.

**SPECIAL ORDER INFORMATION**

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<th>Part#</th>
<th>Description</th>
<th>Part#</th>
<th>Description</th>
<th>List Price</th>
<th>Shipping Weight</th>
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D = Pump Down  U = Pump Up  1 = 125 VAC  2 = 250 VAC
WP = With Plug  WOP = With Out Plug

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

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**ELECTRICAL:**

<table>
<thead>
<tr>
<th>Voltage 50Hz/60Hz Single Phase</th>
<th>Max. Pump Run Current</th>
<th>Max. Pump Start Current</th>
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<tbody>
<tr>
<td>125 VAC</td>
<td>12 amps</td>
<td>78 amps</td>
</tr>
<tr>
<td>250 VAC</td>
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<td>78 amps</td>
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**Call or fax your order!**

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