JUNIOR SUPER SINGLE® Pump Switch

Mercury activated, wide-angle switch designed for direct control of pumps up to 1/2 HP at 120 VAC and 1 HP at 230 VAC.

This mercury activated, wide-angle pump switch provides automatic control of smaller pumps in non-potable water and sewage applications.

Although this switch is not sensitive to rotation, it is affected by turbulence and should be mounted in a non-turbulent location.

The Junior Super Single® pump switch is not recommended for use with motor contactors or relays because the motor contactor or relay may experience chattering. A Super Single® or Double Float® pump switch would operate more efficiently in these installations.

FEATURES

- Controls pumps up to 1/2 HP at 120 VAC and 1 HP at 230 VAC.
- Adjustable pumping range of 6.5 to 19 inches (16.5 to 48 cm).
- Includes standard mounting clamp and boxed packaging.
- UL Recognized for use in non-potable water and sewage.
- CSA Certified.
- Five-year limited warranty.

SPECIFICATIONS

- CABLE: flexible 16 gauge, 2 conductor (UL, CSA) SJOW, water-resistant (CPE)
- FLOAT: 2.81 inch diameter x 3.42 inch long (7.14 cm x 8.68 cm), high impact, corrosion resistant, PVC housing for use in sewage and non-potable water up to 140°F (60°C)
- MERCURY SWITCH: mercury-to-metal contacts, hermetically sealed in a steel capsule
- ELECTRICAL:
  - 120 VAC 50/60Hz Single Phase:
    - Maximum Pump Running Current: 13 amps
    - Maximum Pump Starting Current: 40 amps
    - Recommended Pump HP: 1/2 HP or less
  - 230 VAC 50/60Hz Single Phase:
    - Maximum Pump Running Current: 8 amps
    - Maximum Pump Starting Current: 20 amps
    - Recommended Pump HP: 1 HP or less
- NOTE: This switch must be used with pumps that provide integral thermal overload protection.

OPTIONS

This switch is available:

- for pump down or pump up applications as specified by part number.
- with a 120 VAC or 230 VAC piggy-back plug.
- without a plug for direct wiring in 120 VAC or 230 VAC applications.
- in standard cable lengths of 10, 15, 20, or 30 feet and 3, 5, 6, or 10 meters (longer lengths available).
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Mercury activated, wide-angle switch designed for direct control of pumps up to 1/2 HP at 120 VAC and 1 HP at 230 VAC.

ORDERING INFORMATION

<table>
<thead>
<tr>
<th>PUMP DOWN</th>
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<th>List Price</th>
<th>Shipping Weight</th>
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</table>

D = Pump Down  U = Pump Up  1 = 120 VAC  2 = 230 VAC
WP = With Plug  WOP = With Out Plug

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

SPECIFICATIONS

PUMPING RANGE: 6.5 to 19 inches (16.5 cm to 48 cm)

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

FLOAT: 2.81 inch diameter x 3.42 inch long (7.14cm x 8.68 cm), high impact, corrosion resistant, PVC housing for use in sewage and non-potable water up to 140°F (60°C)

MERCURY SWITCH: mercury-to-metal contacts, hermetically sealed in a steel capsule

ELECTRICAL:

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Max. Pump Run Current</th>
<th>Max. Pump Start Current</th>
<th>Recommended Pump HP</th>
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</thead>
<tbody>
<tr>
<td>120 VAC</td>
<td>13 amps</td>
<td>40 amps</td>
<td>1/2 HP or less</td>
</tr>
<tr>
<td>230 VAC</td>
<td>8 amps</td>
<td>20 amps</td>
<td>1 HP or less</td>
</tr>
</tbody>
</table>

NOTE: This switch must be used with pumps that provide integral thermal overload protection. This switch is not designed to be directly wired to relays or motor contactors.

OTHER INFORMATION

PUMP DOWN is normally open contacts for emptying.

PUMP UP is normally closed contacts for filling.

DIRECT WIRING

Units used for direct wiring (without plug) may be used in either 120 VAC or 230 VAC applications within specified amp ratings.

OPTIONS

MOUNTING CLAMP is standard - deduct optional

PACKAGING

Boxed - standard
Bagged - optional
Bulk - optional

ADDITIONAL CABLE

Longer cable lengths available. Please call for details.

ADDITIONAL CABLE

Call or fax your order!
1-888-DIAL-SJE (1-888-342-5753) • Fax 218-847-4617

www.sjerhombus.com
customer.service@sjeinc.com

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