

SJE PUMPMASTER® Pump Switch

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

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

- Potable Water
- Water
- Sewage applications

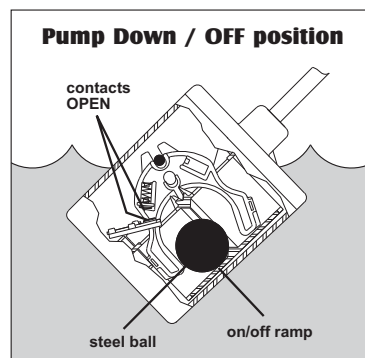
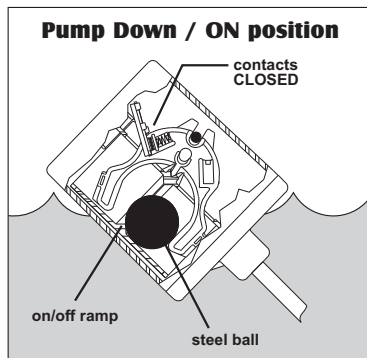
The SJE PumpMaster® pump switch is not sensitive to rotation or turbulence allowing it to be used in both calm and turbulent applications.



U.S. Patent Nos. 5,087,801 & 5,142,108

FEATURES

- Passed NSF Standard 61 protocol by an approved Water Quality Association laboratory.
- Heavy-duty contacts.
- Controls pumps up to 1/2 HP at 120 VAC and 1 HP at 230 VAC.
- Adjustable pumping range of 18 to 91 cm (7 to 36 inches).
- Includes standard mounting clamp and boxed packaging.
- UL Recognized for use in water and sewage.
- CSA Certified.
- Three-year limited warranty.



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 3, 5, 6, or 10 meters and 10, 15, 20, or 30 feet (longer lengths available).

SPECIFICATIONS

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

FLOAT: 7.75 cm diameter x 9.04 cm long (3.05 inch x 3.56 inch), high impact, corrosion resistant, PVC housing for use in sewage and water up to 60°C (140°F)

ELECTRICAL:

120 VAC 50/60 Hz Single Phase:

Maximum Pump Running Current:

13 amps

Maximum Pump Starting Current:

85 amps

Recommended Pump HP:

373 W (1/2 HP) or less

230 VAC 50/60 Hz Single Phase:

Maximum Pump Running Current:

13 amps

Maximum Pump Starting Current:

85 amps

Recommended Pump HP:

746 W (1 HP) or less

NOTE: This switch must be used with pumps that provide integral thermal overload protection.

SEE BACKSIDE FOR ORDERING INFORMATION.

SJE
Rhombus®

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

ORDERING INFORMATION

| PART NUMBER | | DESCRIPTION | | SHIPPING WEIGHT |
|-------------|-----------|--------------|-----------------|-----------------|
| Pump Up | Pump Down | Cable Length | Mounting Device | |
| 1003982 | 1003981 | 3 Meters | Mounting Clamp | 0.58 kgs. |
| 1006664 | 1006663 | 3 Meters | Cable Weight | 1.42 kgs. |
| 1003924 | 1003923 | 5 Meters | Mounting Clamp | 0.79 kgs. |
| 1006666 | 1006665 | 5 Meters | Cable Weight | 1.63 kgs. |
| 1005530 | 1005529 | 6 Meters | Mounting Clamp | 0.88 kgs. |
| 1006668 | 1006667 | 6 Meters | Cable Weight | 1.73 kgs. |
| 1003926 | 1003925 | 10 Meters | Mounting Clamp | 1.33 kgs. |
| 1006670 | 1006669 | 10 Meters | Cable Weight | 2.17 kgs. |

Contact SJE-Rhombus for pricing or submit an on-line quote request at www.sjerhombus.com.

OPTIONS

MOUNTING CLAMP IS STANDARD

If clamp is not required please specify.

CABLE WEIGHT

If cable weight is not required please specify.

BAGGED PACKAGING IS STANDARD

For individual boxed packaging please specify.

ADDITIONAL CABLE LENGTH IS AVAILABLE

SPECIFICATIONS

PUMPING RANGE: 18 cm to 91 cm (7 to 36 inches)

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

FLOAT: 7.75 cm diameter x 9.04 cm long, impact resistant, non-corrosive, PVC plastic for use in liquids up to 60°C (140°F)

ELECTRICAL:

| Voltage 50 Hz/60Hz Single Phase | Maximum Pump Running Current | Maximum Pump Starting Current | Max. Recommend Pump Power |
|---------------------------------|------------------------------|-------------------------------|---------------------------|
| 120 VAC | 13 amps | 85 amps | 373 W (1/2 HP) |
| 230 VAC | 13 amps | 85 amps | 746 W (1 HP) |

NOTE: This switch must be used with pumps that provide integral thermal overload protection.

UL Recognized for Water & Sewage



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.



www.sjerhombus.com

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