

SJE PUMPMASTER® PLUS Pump Switch

Mechanically-activated, wide-angle switch designed for direct control of pumps up to 3/4 HP at 120 VAC and 2 HP at 230 VAC.

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

- potable water
- water
- sewage applications

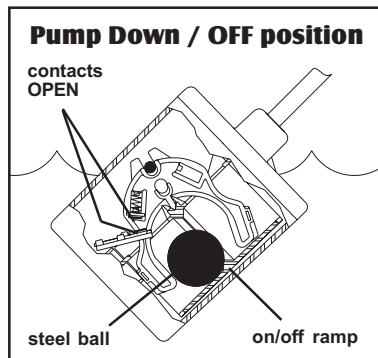
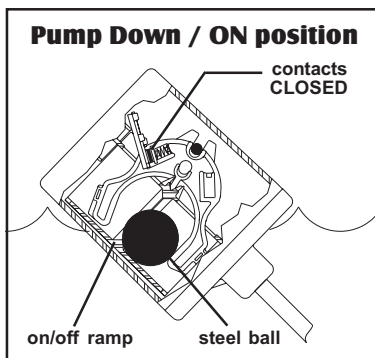
The SJE PumpMaster® Plus pump switch is not sensitive to rotation or turbulence allowing it to be used in both calm and turbulent applications.



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 3/4 HP at 120 VAC and 2 HP at 230 VAC.
- Adjustable pumping range of 7 to 36 inches (18 to 91 cm).
- 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 10, 15, 20, or 30 feet and 3, 5, 6, or 10 meters (longer lengths available).

SPECIFICATIONS

CABLE: flexible 14 gauge, 2 conductor (UL, CSA) SJOW, water-resistant (CPE)

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

ELECTRICAL:

120 VAC 50/60Hz Single Phase:

Maximum Pump Running Current:

15 amps

Maximum Pump Starting Current:

85 amps

Recommended Pump HP:

3/4 HP or less

230 VAC 50/60Hz Single Phase:

Maximum Pump Running Current:

15 amps

Maximum Pump Starting Current:

85 amps

Recommended Pump HP:

2 HP or less

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

PUMP SWITCHES
(MECHANICAL)

SJE
Rhombus
CONTROLS

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SEE BACKSIDE FOR PRICING/ORDERING INFORMATION.

SJE PUMPMASTER® PLUS Pump Switch

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PRICING/ORDERING INFORMATION

PUMP DOWN ↓		PUMP UP ↑		Suggested List Price	Shipping Weight
Part #	Description	Part #	Description		
1003232	10PMPD1WP	1003237	10PMPU1WP	\$65.92	1.88 lbs.
1003233	10PMPD2WP	1003239	10PMPU2WP	\$67.64	1.92 lbs.
1003235	10PMPDWOP	1003241	10PMPUWOP	\$59.96	1.73 lbs.
1003243	15PMPD1WP	1003249	15PMPU1WP	\$68.78	2.23 lbs.
1003245	15PMPD2WP	1003251	15PMPU2WP	\$70.51	2.23 lbs.
1003247	15PMPDWOP	1003253	15PMPUWOP	\$62.83	2.13 lbs.
1003255	20PMPD1WP	1003261	20PMPU1WP	\$71.66	2.57 lbs.
1003257	20PMPD2WP	1003263	20PMPU2WP	\$73.37	2.61 lbs.
1003259	20PMPDWOP	1003265	20PMPUWOP	\$65.70	2.49 lbs.
1003267	30PMPD1WP	1003273	30PMPU1WP	\$77.95	3.38 lbs.
1003269	30PMPD2WP	1003275	30PMPU2WP	\$79.68	3.41 lbs.
1003271	30PMPDWOP	1003277	30PMPUWOP	\$72.00	3.30 lbs.

D = Pump Down U = Pump Up 1 = 120VAC 2 = 230VAC

WP = With Plug WOP = With Out Plug

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

Passed NSF standard 61 protocol by an approved Water Quality Association laboratory.



UL Recognized for Water & Sewage



SPECIFICATIONS

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

CABLE: flexible 14 gauge, 2 conductor (UL, CSA) SJOW, water-resistant (CPE)

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

ELECTRICAL:

Voltage 50Hz/60Hz Single Phase	Max. Pump Run Current	Max. Pump Start Current	Recommended Pump HP
120 VAC	15 amps	85 amps	3/4 HP or less
230 VAC	15 amps	85 amps	2 HP or less

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

OPTIONS

MOUNTING CLAMP is standard. If mounting clamp is not required, specify and deduct 60¢ from list price.

CABLEWEIGHT MOUNTING Is also available.

PACKAGING
Boxed - Standard
Bagged - Specify and deduct 40¢ from list price.
Bulk - Specify and deduct 60¢ from list price.

ADDITIONAL CABLE
 Additional cable length over 30 feet is available at 70¢ per foot (list price).

OTHER INFORMATION

PUMP DOWN is normally open contacts for emptying in potable water, water, or sewage applications.

PUMP UP is normally closed contacts for filling in potable water, water, or sewage applications.

DIRECT WIRING

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



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