

SJE MICROMASTER® PLUS Pump Switch

Mechanically-activated, wide-angle switch designed for performance and dependability.

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

- Potable Water
- Water
- Sewage applications

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



FEATURES

- Passed NSF Standard 61 protocol by an approved Water Quality Association laboratory.
- Mechanically-activated, snap action contacts.
- High impact, corrosion resistant, polypropylene float housing.
- Adjustable pumping range of 20 to 91 cm (8 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:

- CE Compliant units available upon request.
- for pump down or pump up applications as specified by part number.
- with a 120/125 VAC or 230/250 VAC piggy-back plug.
- without a plug for direct wiring in 120/125 VAC or 230/250 VAC applications
- in standard cable lengths of 3, 5, 6, or 10 meters and 10, 15, 20, or 30 feet (longer lengths available).
- with adjustable mounting clamp or cable weight.

SPECIFICATIONS

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

FLOAT: 7.0 cm diameter x 12.3 cm long (2.74 inch x 4.83 inch), high impact, corrosion resistant, polypropylene housing for use in water up to 60°C (140°F)

MAXIMUM WATER DEPTH: 9 meters (30 feet) or 90 kPa (13 psi)

ELECTRICAL:

120/125 VAC 50/60 Hz Single Phase:

Maximum Pump Running Current:
13 amps

Maximum Pump Starting Current:
78 amps

230/250 VAC 50/60 Hz 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

Switch must be used with pumps that provide integral thermal overload protection.



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