SJE MILLIAMPMASTER™ WPS CONTROL SWITCH

Mechanically-Activated Control Switch for Use in Potable Water Applications

The SJE MilliAmpMaster™ WPS mechanically-activated, narrow-angle control switch offers reliable low current control for AC and DC applications to activate pump control panels and alarms in:

- potable water applications
- PLC panels (programmable logic controllers)
- low current solar applications
- other low current applications

The internal switching mechanism has sealed gold cross-point contacts for reliable low current operation. Common applications include PLC (programmable logic controller) panels, low current solar applications, and other low current control panels and alarms in potable water applications.

This narrow angle control float switch activates/deactivates at approximately 1.5" (3.81 cm) above and below horizontal with a 3.5" (9 cm) tether. It is not sensitive to rotation.

When Wired as a Normally Open Model (high level)
The control float switch turns on (closes) when the switch tips **above** horizontal signaling a high level, and turns off (opens) when the switch drops below horizontal.

When Wired as a Normally Closed Model (low level)
The control float switch turns on (closes) when the switch drops **below** horizontal signaling a low level, and turns off (opens) when the switch tips above horizontal.



C US
Drinking Water
NSF/ANSI 61

LR54245

FEATURES

- Low current applications down to 1 mA at 125 VAC
- Mechanically-activated, snap action contacts
- High impact, corrosion resistant polypropylene float housing
- Not sensitive to rotation
- Orange colored cap for easy identification of SJE MilliAmpMaster™ WPS control switch
- CSA Certified to meet NSF/ANSI 61 standard for use in potable water; approved for use in tanks of 250 US gallons (950L) in volume or greater per float

SJE RHOMBUS®
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SJE MILLIAMPMASTER™ WPS CONTROL SWITCH - Mechanically-activated, narrow-angle control switch designed to activate low current control panels and alarms in potable water applications.

Part #	Description (Normally Open or Normally Closed)	Shipping Weight
1062686	15MANWPSPC	1.7 lbs.
1062687	30MANWPSPC	2.5 lbs.
1067227	50MANWPSPC	3.93 lbs.

PC = **P**ipe **C**lamp

Can be wired to work in either pump down (normally open) or pump up (normally closed) applications (**S**ingle **P**ole, **D**ouble **T**hrow).

NOTE: Descriptions are by cable length measured in feet.

SPECIFICATIONS

CABLE: flexible 16 gauge, 3 conductor (UL, CSA) SJOW, water-resistant (CPE) jacket

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 sewage and water up to 140°F (60°C)

MAXIMUM WATER DEPTH: 30 feet (9 meters), 13 psi

ELECTRICAL:

125/250 VAC
Maximum Electrical Load: 1 amp
Minimum Electrical Load: 1 milliamp

30 VDC
Maximum Electrical Load: 0.1 amps
Minimum Electrical Load: 1 milliamp

4 VDC
Minimum Electrical Load: 1 milliamp

OTHER INFORMATION

NORMALLY OPEN (HIGH LEVEL) OPERATION
The control switch closes (turns on) when the float tips slightly **above** horizontal signaling a high level, and opens (turns off) when the float drops slightly **below** horizontal.

NORMALLY CLOSED (LOW LEVEL) OPERATION
The control switch closes (turns on) when the float drops slightly **below** horizontal signaling a low level, and opens (turns off) when the float tips slightly **above** horizontal.

California Prop 65 requires the following: ⚠WARNING Cancer and Reproductive Harm - www.P65Warnings.ca.gov