

SJE MILLIAMPMASTER® Control Switch

Mechanically-activated control switch designed to activate low current control panels and alarms.

This wide-angle control switch offers reliable low current control for AC and DC applications in potable water, wastewater, and sewage. The internal switching mechanism has sealed gold cross-point contacts for reliable low current operation. Common applications include PLC (programmable logic controller) panels, IS panels with intrinsically safe barriers, solar applications, and other low current control panels and alarms applications.

Normally Open Model (high level)

The control switch turns on (closes) when the float tips 45 degrees **above** horizontal signaling a high level, and turns off (opens) when the float drops 45 degrees below horizontal.

Normally Closed Model (low level)

The control switch turns on (closes) when the float drops 45 degrees **below** horizontal signaling a low level, and turns off (opens) when the float tips 45 degrees above horizontal.



FEATURES

- Passed NSF Standard 61 protocol by an approved Water Quality Association laboratory.
- Low current, non-arching applications down to 0.160 mA at 125 VAC.
- Mechanically-activated, snap action contacts.
- High impact, corrosion resistant polypropylene float housing.
- Not sensitive to rotation.
- Control differential of 45 degrees above or below horizontal.
- UL Listed for use in non-potable water and sewage.
- CSA Certified.
- Three-year limited warranty.



OPTIONS

This switch is available:

- for normally open (high level) applications or normally closed (low level) applications.
- in standard cable lengths of 10, 15, 20, or 30 feet.
- with two mounting options that allow for flexibility in installation:

Mounting Clamp: for applications where the switch can be attached to a discharge pipe or similar mounting device.

Externally Weighted: for applications where the switch can be suspended from above.

SPECIFICATIONS

CABLE: flexible 18 gauge, 2 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 VAC

Maximum Electrical Load:
0.1 amps

Minimum Electrical Load:
0.160 milliamps

30 VDC

Maximum Electrical Load:
0.1 amps

Minimum Electrical Load:
0.160 milliamps

5 VDC

Minimum Electrical Load:
1 milliamps

SJE
Rhombus
CONTROLS

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