

SJE MilliAmpMaster™ Control Float

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

This wide-angle or narrow-angle control switch offers reliable low current control for AC and DC applications in water 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, low current solar applications, and other low current control panels and alarms applications.

The wide-angle version activates/deactivates approximately 10.16 cm (4 inches) above and below horizontal with a 9 cm (3.5 inches) tether. The narrow angle version activates/deactivates at approximately 3.81 cm (1.5 inches) above and below horizontal with a 9 cm (3.5 inch) tether. It is not sensitive to rotation.

Normally Open Model (high level)

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

Normally Closed Model (low level)

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

This switch is not sensitive to rotation.



GENERAL SPECIFICATIONS

- Flexible SJOW, water-resistant (CPE) jacket
- High impact, corrosion resistant, polypropylene float housing
- Temperature rating up to 60° C (140° F)
- Maximum water depth of 9 m (30 feet) or 90 kPa (13 psi)
- Float dimensions: 7.0 cm diameter x 12.3 cm long (2.74 inch x 4.83 inch)
- Mechanically-activated, snap action contacts
- Low current, non-arcing applications
- UL Listed for use in non-potable water and sewage
- CSA Certified

SPECIFICATIONS

SJE MILLIAMPMASTER™ control float		
Voltage	Maximum Electrical Load	Minimum Electrical Load
125 VAC	1 A	0.160 mA
30 VDC	0.1 A	0.160 mA
5 VDC	-	1 mA
Cable:	18 gauge, 2 conductor	

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ORDERING INFORMATION

SJE MILLIAMPMASTER™ Control Float				
NARROW-ANGLE VERSIONS				
PART NUMBER		DESCRIPTION		SHIPPING WEIGHT
Normally Open	Normally Closed	Cable Length	Mounting Device	
1023402	1023410	3 m	Mounting Clamp	0.48 kg
1023403	1023414	3 m	Cable Weight	1.31 kg
1023404	1023411	5 m	Mounting Clamp	0.68 kg
1023405	1023415	5 m	Cable Weight	1.52 kg
1023406	1023412	6 m	Mounting Clamp	0.79 kg
1023407	1023416	6 m	Cable Weight	1.63 kg
1023408	1023413	10 m	Mounting Clamp	1.21 kg
1023409	1023417	10 m	Cable Weight	2.04 kg
WIDE-ANGLE VERSIONS				
1023418	1023426	3 m	Mounting Clamp	0.48 kg
1023419	1023430	3 m	Cable Weight	1.31 kg
1023420	1023427	5 m	Mounting Clamp	0.68 kg
1023421	1023431	5 m	Cable Weight	1.52 kg
1023422	1023428	6 m	Mounting Clamp	0.79 kg
1023423	1023432	6 m	Cable Weight	1.63 kg
1023424	1023429	10 m	Mounting Clamp	1.21 kg
1023425	1023433	10 m	Cable Weight	2.04 kg

Normally Open (High Level) Operation - The control switch closes (turns on) when the switch tips slightly **above** horizontal signaling a high level, and opens (turns off) when the switch drops slightly **below** horizontal in water or sewage applications.

Normally Closed (Low Level) Operation - The control switch closes (turns on) when the switch drops slightly **below** horizontal signaling a low level, and opens (turns off) when the switch tips slightly **above** horizontal in water or sewage applications.

OPTIONS

Bagged Packaging is standard.