

# SJE MICROMASTER®, SJE MICROMASTER® PLUS, SJE MICROMASTER® SPDT PUMP FLOATS

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

These mechanically-activated, wide-angle switches provide automatic control of pumps in:

- Water
- Sewage applications

These pump switches are not sensitive to rotation or turbulence allowing them to be used in both calm and turbulent applications.



## SPECIFICATIONS

- Flexible SJOW, water-resistant (CPE) cable
- High impact, corrosion resistant, polypropylene float housing
- Temperature rating up to 60° C (140° F)
- Maximum water depth of 9 meters (30 feet) or 90 kPa (13 psi)
- IPX8 enclosure rating
- Float dimensions: 7.0 cm diameter x 12.3 cm long (2.74 inch x 4.83 inch)
- Suitable for Category II installations
- Protected by double insulation
- Adjustable pumping range of 20 to 91 cm (8 to 36 inches)
- CE Certified units available by request



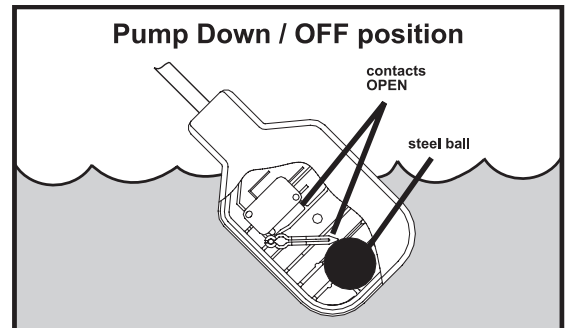
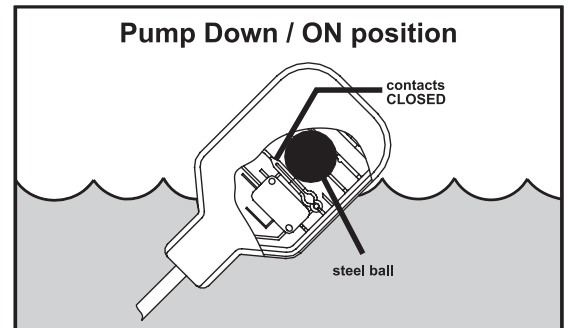
**NOTE:** These switches are not recommended for controlling electrical loads less than 100 mA, 12 VAC. Must be used with pumps that provide integral thermal overload protection.

## MODEL SPECIFIC SPECIFICATIONS

SJE MICROMASTER® pump float		
Voltage 50 Hz/60 Hz Single Phase	Maximum Pump Running Current	Maximum Pump Starting Current
125/250 VAC	10 amps	60 amps
Cable:	18 gauge, 2 conductor	

SJE MICROMASTER® Plus pump float		
Voltage 50 Hz/60 Hz Single Phase	Maximum Pump Running Current	Maximum Pump Starting Current
125/250 VAC	12 amps	60 amps
Cable:	16 gauge, 2 conductor	

SJE MICROMASTER® SPDT pump float		
Voltage 50 Hz/60 Hz Single Phase	Maximum Pump Running Current	Maximum Pump Starting Current
125/250 VAC	10 amps	60 amps
Cable:	18 gauge, 3 conductor	
Can be wired to operate in either pump down (normally open) or pump up (normally closed) applications. <b>Single Pole, Double Throw</b>		



**Pump Down** is normally open contacts for emptying.

**Pump Up** is normally closed contacts for filling.

**SJE MicroMaster® SPDT** pump switch has 3 conductors for pump down and pump up operation.



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## OPTIONS

**Bagged Packaging is standard.**

**Piggy-Back Plug** - North American standard plug. Options are available for SJE MicroMaster® and SJE MicroMaster® Plus pump switches. Please contact the factory.

**CE Certified units available upon request.**

### MicroMaster Ordering Information

RBS Stock Code		Description
P/Up	P/Down	
3710350	3710365	Micromaster, 3mtr, 2-Wire, No Plug
3710355	3710370	Micromaster, 5mtr, 2-Wire, No Plug
3710360	3710375	Micromaster, 10mtr, 2-Wire, No Plug
	3710380	Micromaster, 20mtr, 2-Wire, No Plug
	3710383	Micromaster, 50mtr, 2-Wire, No Plug
	3710371	Micromaster, 5mtr, With Plug*
	3710376	Micromaster, 10mtr, With Plug*

\* Fitted with piggyback plug. Allows you to plug in the pump directly, no further wiring required.

### MicroMaster SPDT Ordering Information

RBS Stock Code	Description
3710385	MicroMaster SPDT, 3-wire, 5mtr, No Plug
3710390	MicroMaster SPDT, 3-wire, 10mtr, No Plug
3710391	MicroMaster SPDT, 3-wire, 20mtr, No Plug
3710392	MicroMaster SPDT, 3-wire, 30mtr, No Plug
3710393	MicroMaster SPDT, 3-wire, 50mtr, No Plug

### Accessories

3710499	Cable Weight 800g
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