

# SJE MEGAMASTER® (CSA) CONTROL FLOAT

**Mechanically-activated, narrow-angle float switch designed for level control of municipal wastewater pumping stations.**

The SJE MegaMaster® mechanically-activated, internally weighted control float is designed for municipal water and sewage applications, including applications with high grease content. The internal switching mechanism has gold cross-point contacts for reliable control of current up to 1 amp. The unique two-color float housing offers easy identification of float position. Common applications include lift stations, non-potable water, PLC (programmable logic controllers) and intrinsically safe applications.



## When wired as Normally (high level)

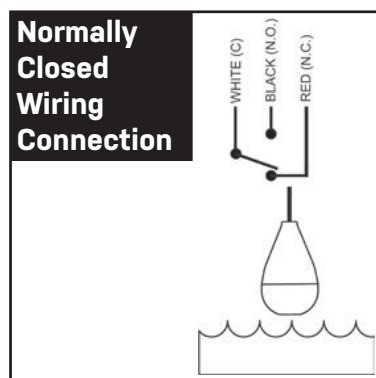
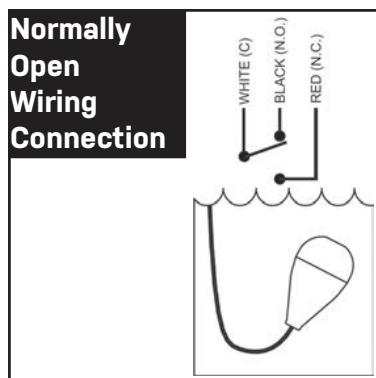
The control float turns on (closes) when the float tips slightly **above** horizontal signaling a high level, and turns off (opens) when the float drops slightly below horizontal.

## When wired as Normally Closed (low level)

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

## SPECIFICATIONS

- Mechanically-activated, internally weighted
- Maximum Electric Load: 1 amp, 125 VAC  
Minimum Electric Load: 1mA, 4 VDC
- 3 wire cable - SPDT (Single Pole, Double Throw) can be wired as normally open or normally closed. Wire color: Common (white), N.O. (black), N.C. (red).
- Cable: 18 gauge, 3 conductor, SJOW
- Activation angle is 10° above/below horizontal
- Flexible SJOW, water-resistant (CPE) jacket
- High impact, corrosion resistant, polypropylene float housing
- Temperature rating up to 60oC (140oF)
- Maximum water depth of 9 meters (30 feet) or 90 kPa (13 PSI)
- Float dimensions: 10.2 cm diameter x 16.85 cm long (4.03 x 6.62 inch)
- CE Certified units available upon request



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

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

**SJE MegaMaster®** float switch has 3 conductors for normally open or normally closed operation.

## OPTIONS

**Bagged Packaging is standard.**  
**CE Certified units available upon request.**

### Ordering Information

RBS Stock Code	Description
3719050	5mtr, SPDT, 3-wire, Narrow Angle, Internal Weight
3719053	22mtr, SPDT, 3-wire, Narrow Angle, Internal Weight



9500205D 07/20  
© 2018 SJE, Inc. All Rights Reserved.  
SJE RHOMBUS is a trademark of SJE, Inc.

*The data provided above is for information purposes only and no warranty of accuracy or reliability is given.  
Ross Brown Sales Pty Limited reserves the right to change or modify this data without prior notice.*