

JUNIOR SUPER SINGLE® Pump Switch

Mercury activated, wide-angle switch designed for direct control of pumps up to 1/2 HP at 120 VAC and 1 HP at 230 VAC.

This mercury activated, wide-angle pump switch provides automatic control of smaller pumps in non-potable water and sewage applications.

Although this switch is not sensitive to rotation, it is affected by turbulence and should be mounted in a non-turbulent location.

The **Junior Super Single®** pump switch is not recommended for use with motor contactors or relays because the motor contactor or relay may experience chattering. A Super Single® or Double Float® pump switch would operate more efficiently in these installations.



SPECIFICATIONS

U.S. Patent Nos. 4,529,854 & 4,572,934

- Controls pumps up to 1/2 HP at 120 VAC and 1 HP at 230 VAC.
- Adjustable pumping range of 6.5 to 19 inches (16.5 to 48 cm).
- UL Recognized for use in non-potable water and sewage.
- **PUMPING RANGE:** 6.5 to 19 inches (16.5 cm to 48 cm)
- **CABLE:** flexible 16 gauge, 2 conductor (UL, CSA) SJOW, water-resistant (CPE)
- In standard cable lengths of 10, 15, 20, or 30 feet and 3, 5, 6, or 10 meters (longer lengths available).
- **FLOAT:** 2.81 inch diameter x 3.42 inch long (7.14 cm x 8.68 cm), high impact, corrosion resistant, PVC housing for use in sewage and non-potable water up to 140° F (60° C)
- **MERCURY SWITCH:** mercury-to-metal contacts, hermetically sealed in a steel capsule
- CSA Certified.



ELECTRICAL:

Voltage 50Hz/60Hz Single Phase	Max. Pump Run Current	Max. Pump Start Current	Recommended Pump HP
120 VAC	13 amps	40 amps	1/2 HP or less
230 VAC	8 amps	20 amps	1 HP or less

NOTE: This switch must be used with pumps that provide integral thermal overload protection. This switch is not designed to be directly wired to relays or motor contactors.

OTHER INFORMATION

PUMP DOWN is normally open contacts for emptying.

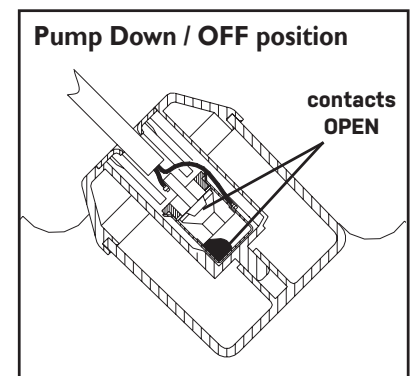
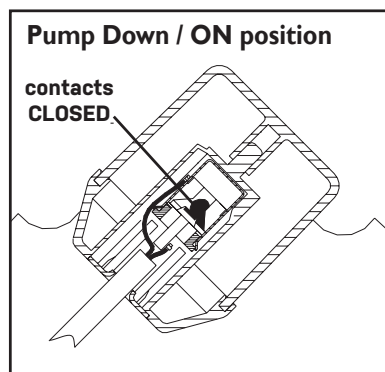
PUMP UP is normally closed contacts for filling.

DIRECT WIRING

Units used for direct wiring (without plug) may be used in either 120 VAC or 230 VAC applications within specified amp ratings.

MOUNTING CLAMP is standard

PACKAGING Boxed - standard



Ordering Information

RBS Stock Code		Description
P/Up	P/Down	
3708926	3709026	Junior Super Single, 5mtr
3708928	3709028	Junior Super Single, 10mtr
	3709030	Junior Super Single, 15mtr
	3709032	Junior Super Single, 20mtr



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