

Medium Duty Wide-Angle Mercury

Mercury-Activated, Wide-Angle Pump Switch

Mercury-activated, wide-angle switch designed to control pumps up to 1 HP at 115 VAC and 2 HP at 230 VAC.

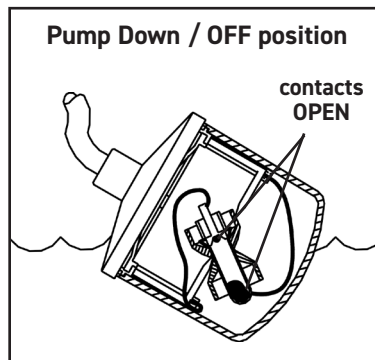
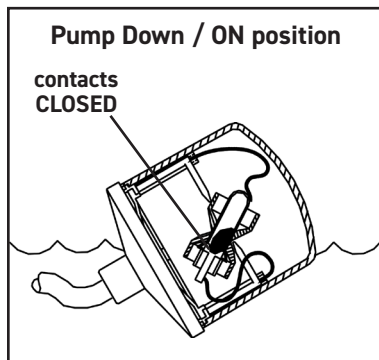
This mercury-activated, wide-angle pump switch provides automatic control of pumps in non-potable water and sewage applications. This switch is not sensitive to rotation or turbulence.

The **Medium Duty Wide Angle Mercury** pump switch is suitable for use with intrinsically safe circuits.

Contact CSI Controls regarding specific intrinsically safe applications.

FEATURES

- Patented tumbler assembly gives positive pump on or pump off
- Controls pumps up to 1 HP at 115 VAC and 2 HP at 230 VAC
- Adjustable pumping range of 6.5 to 13.5 inches (16.5 to 34 cm)



OPTIONS

This switch is available:

- for pump down or pump up applications as specified by part number.
- with a 115 VAC or 230 VAC piggy-back plug.
- without a plug for direct wiring in 120 VAC or 230 VAC applications.
- in standard cable lengths of 15, 20, or 30 feet and 5, 6, or 10 meters (longer lengths available).





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CSI Controls®

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MEDIUM DUTY WIDE-ANGLE MERCURY PUMP SWITCH

Pump Down 		Pump Up 		Shipping Weight
Part #	Description	Part #	Description	
1032555	15PSVD1WP	1032558	15PSVU1WP	2.15 lbs.
1032556	15PSVD2WP	1032559	15PSVU2WP	2.18 lbs.
1032557	15PSVDWOP	1032560	15PSVUWOP	2.08 lbs.
1032561	20PSVD1WP	1032564	20PSVU1WP	2.67 lbs.
1032562	20PSVD2WP	1032565	20PSVU2WP	2.71 lbs.
1032563	20PSVDWOP	1032566	20PSVUWOP	2.56 lbs.
1032567	30PSVD1WP	1032570	30PSVU1WP	3.35 lbs.
1032568	30PSVD2WP	1032571	30PSVU2WP	3.39 lbs.
1032569	30PSVDWOP	1032572	30PSVUWOP	3.27 lbs.

PS = Pump Switch V = Mercury D = Pump Down U = Pump Up 1 = 115 VAC 2 = 230 VAC WP = With Plug WOP = With Out Plug

NOTE: Descriptions are grouped by cable length measured in feet (15, 20, 30).

SEE PRICE BOOK FOR LIST PRICE.

SPECIFICATIONS

PUMPING RANGE: 6.5 to 13.5 inches (16.5 cm to 34 cm)

CABLE: flexible 14 gauge, 2 conductor (UL, CSA) SJOW, water-resistant (CPE)

FLOAT: 3.38 inch diameter x 4.25 inch long (8.58 cm x 10.80 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-mercury contacts, hermetically sealed in a steel capsule

ELECTRICAL:

Voltage 50Hz/60Hz Single Phase	Max. Pump Run Current	Max. Pump Start Current	Recommended Pump HP
115 VAC	15 amps	55 amps	1 HP or less
230 VAC	12 amps	35 amps	2 HP or less

NOTE: This switch must be used with pumps that provide integral thermal overload protection. Suitable for use with intrinsically safe circuits.

Contact CSI Controls regarding specific intrinsically safe applications.

A Pump Switch is designed for Horsepower (HP) rated loads and is not suitable for control (pilot duty) applications. It will fail prematurely when switching loads less than 1 Amp at 120 VAC. Select a float switch from our Control Switch offering for control applications.

OPTIONS

MOUNTING CLAMP

is standard - deduct optional

CABLE WEIGHT MOUNTING

Is also available.

PACKAGING

Boxed - standard

Bagged - optional

Bulk - optional; must be ordered in master carton quantities.

Please contact customer service for details/pricing.

ADDITIONAL CABLE

Longer cable lengths available. Please call for details.

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 115 VAC or 230 VAC applications within specified amp ratings.



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