

# Heavy Duty Wide-Angle Mechanical

## Mechanically-Activated, Wide-Angle Pump Switch

**Mechanically-activated, wide-angle switch designed for direct control of pumps up to 3/4 HP at 115 VAC and 2 HP at 230 VAC.**

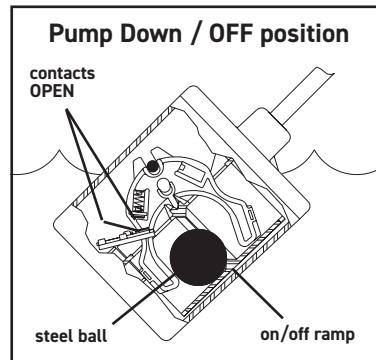
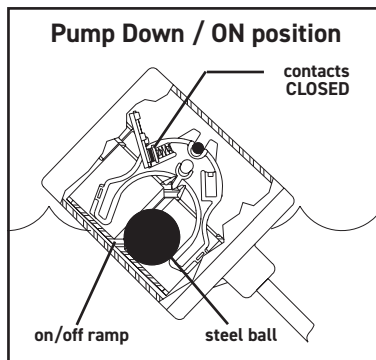
This mechanically-activated, wide-angle pump switch provides automatic control of pumps in:

- water
- sewage applications

The **Heavy Duty Wide-Angle Mechanical** pump switch is not sensitive to rotation or turbulence allowing it to be used in both calm and turbulent applications.

### FEATURES

- Heavy-duty contacts
- Controls pumps up to 3/4 HP at 115 VAC and 2 HP at 230 VAC
- Adjustable pumping range of 7 to 36 inches (18 to 91 cm)
- Includes standard mounting clamp and boxed packaging





### 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 115 VAC or 230 VAC applications
- in standard cable lengths of 15, 20, or 30 feet and 5, 6, or 10 meters (longer lengths available)



# HEAVY DUTY WIDE-ANGLE MECHANICAL PUMP SWITCH

Pump Down 		Pump Up 		Shipping Weight
Part #	Description	Part #	Description	
1031534	15PSPD1WP	1031537	15PSPU1WP	2.23 lbs.
1031535	15PSPD2WP	1031538	15PSPU2WP	2.23 lbs.
1031536	15PSPDWOP	1031539	15PSPUWOP	2.13 lbs.
1031540	20PSPD1WP	1031543	20PSPU1WP	2.57 lbs.
1031541	20PSPD2WP	1031544	20PSPU2WP	2.61 lbs.
1031542	20PSPDWOP	1031545	20PSPUWOP	2.49 lbs.
1031546	30PSPD1WP	1031549	30PSPU1WP	3.38 lbs.
1031547	30PSPD2WP	1031550	30PSPU2WP	3.41 lbs.
1031548	30PSPDWOP	1031551	30PSPUWOP	3.30 lbs.

PS = Pump Switch 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:** 7 to 36 inches (18 cm to 91 cm)

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

**FLOAT:** 3.05 inch diameter x 3.56 inch long (7.75 cm x 9.04 cm), high impact, corrosion resistant, PVC housing for use in sewage and water up to 140°F (60°C)

**ELECTRICAL:**

Voltage 50Hz/60Hz Single Phase	Max. Pump Run Current	Max. Pump Start Current	Recommended Pump HP
115 VAC	15 amps	85 amps	3/4 HP or less
230 VAC	15 amps	85 amps	2 HP or less

NOTE: This switch must be used with pumps that provide integral thermal overload protection.

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 in water or sewage applications.

**PUMP UP** is normally closed contacts for filling in water or sewage applications.

### 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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9500380F 09/21

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