SJE HI TEMP MASTER™ PUMP SWITCH

Mechanically-Activated, Wide-Angle Switch for High Temperature Applications

The SJE HighTempMaster™ mechanically-activated, wide-angle pump switch is designed to directly control pumps in high temperature sump applications up to 200°F (93°C) for:

- Water
- Sewage applications

It provides automatic control of pumps up to 13FLA, 78 LRA, 125V or 250V.

This **SJE HiTempMaster™** pump switch is not sensitive to rotation or turbulence allowing it to be used in both calm and turbulent applications.



LR54245

FEATURES

- Mechanically-activated, snap action contacts
- High impact, corrosion resistant, polypropylene float housing
- Adjustable pump range of 8 to 36 inches (20 to 91 cm)
- Twin wall design of float housing protects internal components from heat and moisture

OPTIONS

This switch is available:

- for pump down applications
- with a 125 VAC or 250 VAC piggy-back plug
- without a plug for direct wiring in 125 VAC or 250 VAC applications
- in standard cable lengths of 10, 20, or 30 feet and 3, 6 or 10 meters (longer lengths available)

SJE RHOMBUS®
Powered by SJE

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SJE HITEMPMASTER™ PUMP SWITCH - Mechanically-activated, wide-angle switch specifically designed for performance and dependability in high temperature sump applications up to 200°F (93°C).

Part #	Description (Pump Down Only)	Shipping Weight
1043545	10HTMD1WP	1.72 lbs.
1043548	10HTMD2WP	1.76 lbs.
1043551	10HTMDWOP	1.64 lbs.
1043546	20HTMD1WP	2.36 lbs.
1043549	20HTMD2WP	2.40 lbs.
1043554	20HTMDWOP	2.28 lbs.
1043547	30HTMD1WP	3.02 lbs.
1043550	30HTMD2WP	3.07 lbs.
1043555	30HTMDWOP	2.94 lbs.

D = Pump **D**own **1** = **125**VAC **2** = **250**VAC **WP** = **W**ith **P**lug **WOP** = **W**ith **O**ut **P**lug

NOTE: Descriptions are grouped by cable length measured in feet (10, 20, 30).

MOUNTING CLAMP is standard.

PACKAGING: Boxed - Standard

SPECIFICATIONS

PUMPING RANGE: 8 to 36 inches (20 cm to 91 cm).

CABLE: flexible 16 gauge, 2 conductor (UL, CSA) SJOOW, water-resistant (CPE)

FLOAT: 3.18 inch diameter x 5.58 inch long (8.1 cm x 14.2 cm), high impact, corrosion resistant, polypropylene housing for use in water up to 200°F (93°C)

MAXIMUM WATER DEPTH: 33 feet (10 meters) or 13 psi (90 kPa)

ELECTRICAL:

Voltage 50Hz/60Hz Single Phase	Max. Pump Run Current	Max. Pump Start Current
125 VAC **250 VAC**	**13 amps** **12 amps**	**78 amps** **72 amps**

NOTE: This switch is not recommended for controlling:

- electric loads less than 100 milliamps, 12 VAC
- non-arcing electric loads

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.

OTHER INFORMATION

PUMP DOWN is normally open contacts for emptying in water or sewage applications up to 200°F (93°C).

DIRECT WIRING: Units used for direct wiring (without plug) may be used in 125 VAC or 250 VAC applications within specified amp ratings.

California Prop 65 requires the following: ⚠ WARNING Cancer and Reproductive Harm - www.P65Warnings.ca.gov