

# SJE HITEMPMASTER™ CONTROL SWITCH

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

The SJE HiTempMaster™ mechanically-activated, narrow-angle control switch offers reliable low current control for AC and DC applications to activate pump control panels and alarms in high temperature sump applications up to 200°F (93°C) for:

- Water
- Wastewater

This SJE HiTempMaster™ control switch is not sensitive to rotation.

## FEATURES

- Mechanically-activated, snap action contacts
- Low current, non-arcing applications down to 1 mA at 125 VAC
- High impact, corrosion resistant, polypropylene float housing
- Twin wall design of float housing protects internal components from heat and moisture
- Stainless steel mounting clamp

## OPTIONS

This switch is available:

- for normally open (high level) applications or normally closed (low level) applications
- in standard cable lengths of 10, 20, or 30 feet



**SJE HITEMPMAS<sup>TM</sup> CONTROL SWITCH** - Mechanically-activated, narrow-angle switch specifically designed for performance and dependability in high temperature sump applications up to 200°F (93°C).

Part #	Description	Shipping Weight
1121702	HTMC 10FT N.O. BOX	1.72 lbs.
1121703	HTMC 10FT N.C. BOX	1.76 lbs.
1121704	HTMC 20FT N.O. BOX	1.64 lbs.
1121705	HTMC 20FT N.C. BOX	2.36 lbs.
1121706	HTMC 30FT N.O. BOX	2.40 lbs.
1121707	HTMC 30FT N.C. BOX	2.28 lbs.

**NO** =Normally Open **NC** = Normally Closed

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

**MOUNTING CLAMP is standard.**

**PACKAGING: Boxed** - Standard

### SPECIFICATIONS

**CABLE:** flexible 16 gauge, 2 conductor (UL, CSA) SJ00W, 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:

#### 125 VAC

**Maximum Electrical Load:** 1 amp

**Minimum Electrical Load:** 1 milliamp

#### 30 VDC

**Maximum Electrical Load:** 0.1 amps

**Minimum Electrical Load:** 1 milliamp

#### 4 VDC

**Minimum Electrical Load:** 1 milliamp

### OTHER INFORMATION

#### NORMALLY OPEN (HIGH LEVEL) OPERATION

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

#### NORMALLY CLOSED (LOW LEVEL) OPERATION

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