

# **Honeywell Sensing and Control**

# 111SM1



Actual product appearance may vary.

SM Series Subminiature Basic Switch, Single Pole Double Throw (SPDT), 250 Vac, 5 A, Straight Lever Actuator, Solder Termination

### **Features**

- · Long operating life
- Elongated mounting hole for easier, more accurate mounting
- Choice of actuation (plunger, as well as a variety of integral and auxiliary actuators)
- Choice of electrical termination (solder, quick connect, PCB)
- Choice of operating characteristics (sensitive differential travel as low as 0,0254 mm [0.001 in] maximum, low operating force to 0,56 N [2.0 oz] maximum)
- Optional series constructions available (gold contacts for low energy switching, bifurcated gold contacts for maximum reliability, power load switching capability to 11 A)
- MIL-PFR-8805 qualified listings available

## **Potential Applications**

- Aerospace
- Instrumentation
- Appliances
- Vending machines
- Timing devices
- Office equipment
- Computer/business equipment
- Test instruments
- Medical/dental equipment
- Communications equipment
- HVAC equipment
- Manually operated devices
- Valves

# **Description**

MICRO SWITCH<sup>TM</sup> SM Series subminiature basic switches are used for simple or precision on/off application needs. The MICRO SWITCH<sup>TM</sup> SM Series switches are slightly larger than the MICRO SWITCH<sup>TM</sup> SX Series switches. These switches combine small size and light weight with ample electrical capacity, precision operation and long life.

Product Specifications	
Switch Type	MICRO SWITCH <sup><math>\mathrm{M}</math></sup> Subminiature 12,7 mm H x 6,35 mm W x 20,3 mm L [0.5 in H x 0.25 in W x 0.8 in L]
Sealed	No
Ampere Rating	5 A
Circuitry	Single Pole Double Throw (SPDT)
Actuator	Straight Lever
Termination	Solder

-55 °C to 125 °C [-67 °F to 257 °F]
250 Vac
CE,CSA,UL,ENEC
4,83 mm [0.19 in]
Silver
1,95 N [7.0 oz] max.
0,56 N [2.0 oz] min.
5,54 mm [0.218 in] max.
0,76 mm [0.030 in]
0,76 mm [0.030 in] max.
8,89 mm $\pm$ 0,76 mm [0.350 in $\pm$ 0.030 in]
General Purpose Phenolic
204 °C [400 °F]
61058-1
E12252
LR41372
1054
22,1 mm [0.087 in]
9,65 mm [0.38 in]
0,26 N m [2.3 in lb]
2,72 g [0.006 lb]
12,4 mm [0.49 in]
6,35 mm [0.25 in]
19,8 mm [0.78 in]
Force and stability of flexible leaf actuator
Global
30211905
30211905 Snap switches

