



Representative photograph, actual product appearance may vary.

Due to regional agency approval requirements, some products may not be available in your area. Please contact your regional Honeywell office regarding your product of choice.

**11SM244-T**  
**SM Series Subminiature Basic Switch, Single Pole Double Throw (SPDT), 250 Vac, 5 A, Pin Plunger 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

**Typical 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**

SM Series Subminiature Basic Switches are used for simple or precision on/off application needs. The SM Series Switches are slightly larger than the SX Series Switches. These switches combine small size and light weight with ample electrical capacity, precision operation and long life.

Product Specifications	
Switch Type	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]
<b>Sealed</b>	No
<b>Ampere Rating</b>	5 A
<b>Circuitry</b>	Single Pole Double Throw (SPDT)
<b>Actuator</b>	Pin Plunger
<b>Termination</b>	Solder
<b>Operating Temperature Range</b>	-55 °C to 125 °C [-67 °F to 257 °F]
<b>Voltage</b>	250 Vac
<b>Approvals</b>	CE, CSA, ENEC, UL
<b>Contact Type</b>	Silver
<b>Operating Force (O.F.)</b>	0,83 N - 1,39 N [3.0 oz - 5.0 oz]
<b>Release Force (R.F.)</b>	0,28 N [1.0 oz] min.
<b>Pretravel (P.T.)</b>	0,5 mm [0.020 in] max.
<b>Overtravel (O.T.)</b>	0,13 mm [0.005 in] min.
<b>Differential Travel (D.T.)</b>	0,1 mm [0.004 in] max.
<b>Operating Position (O.P.)</b>	8,38 mm ± 0,38 mm [0.330 in ± 0.015 in]
<b>Housing Material</b>	High Temperature Phenolic
<b>High Temperature</b>	204 °C [400 °F]
<b>CE mark</b>	61058-1
<b>UL File #</b>	E12252
<b>CSA File #</b>	LR41372
<b>Agency Approvals and Standards</b>	1054
<b>Mounting Centers</b>	9,65 mm [0.38 in]
<b>Maximum Tightening Torque</b>	0,26 N m [2.3 in lb]
<b>Weight</b>	2,72 g [0.006 lb]
<b>Package Height</b>	12,4 mm [0.49 in]
<b>Package Width</b>	6,35 mm [0.25 in]
<b>Package Length</b>	19,8 mm [0.78 in]
<b>Recommended For</b>	Operating in temperatures to 204 °C [400 °F] for 100 hours
<b>Comment</b>	Turret type solder terminals.
<b>Availability</b>	Global
<b>UNSPSC Code</b>	30211905
<b>UNSPSC Commodity</b>	30211905 Snap switches
<b>Series Name</b>	SM Series

# Honeywell

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SM Series Subminiature Basic Switch, Single Pole Double Throw (SPDT), 250 Vac, 5 A, Pin

## Plunger Actuator, Solder Termination

### **WARNING**

#### **PERSONAL INJURY**

DO NOT USE these products as safety or emergency stop devices, or in any other application where failure of the product could result in personal injury.

**Failure to comply with these instructions could result in death or serious injury.**

### **WARNING**

#### **MISUSE OF DOCUMENTATION**

- The information presented in this product sheet (or catalog) is for reference only. DO NOT USE this document as product installation information.
- Complete installation, operation and maintenance information is provided in the instructions supplied with each product.

**Failure to comply with these instructions could result in death or serious injury.**

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