



*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.*

## UM50E70A01

**UM Series Subminiature Basic Switch, Single Pole Double Throw (SPDT), 250 Vac, 5 A, Pin Plunger Actuator, Quick Connect Termination**

### Features

- Choice of low energy or power duty electrical ratings (gold or silver contacts)
- Form C single-pole double-throw (SPDT) circuitry
- Rated to 10 A
- Choice of actuation, termination and operating characteristics

### Typical Applications

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

### Description

UM Series Subminiature Basic Switches are used for simple or precision ON/OFF application needs. The UM Series Switches are slightly larger than the UX Series Switches. These switches combine small size and light weight with ample electrical capacity, low cost and long life.



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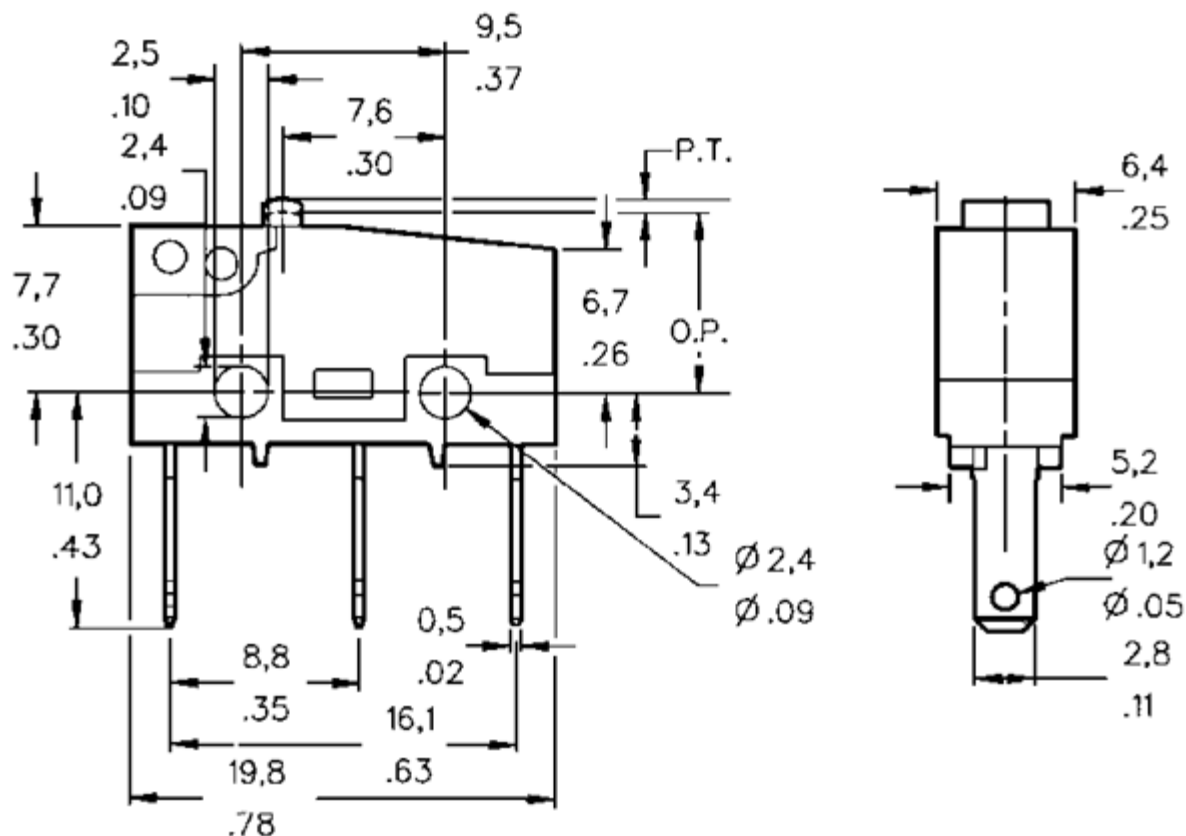
Product Specifications	
<b>Switch Type</b>	Subminiature 12,7 mm H x 6,35 mm W x 20,3 mm L [0.5 in H x 0.25 in W x 0.8 in L]
<b>Sealed</b>	No
<b>Ampere Rating</b>	5 A
<b>Circuitry</b>	Single Pole Double Throw (SPDT)
<b>Actuator</b>	Pin Plunger

<b>Termination</b>	Quick Connect
<b>Operating Temperature Range</b>	-25 °C to 82 °C [-13 °F to 180 °F]
<b>Voltage</b>	250 Vac
<b>Approvals</b>	CE, CSA, SEMKO, UL, VDE
<b>Contact Type</b>	Silver
<b>Operating Force (O.F.)</b>	1,47 N [5.3 oz] max.
<b>Release Force (R.F.)</b>	0,20 N [0.705 oz] min.
<b>Pretravel (P.T.)</b>	0,6 mm [0.024 in] max.
<b>Overtravel (O.T.)</b>	0,4 mm [0.016 in] min.
<b>Differential Travel (D.T.)</b>	0,1 mm [0.004 in] max.
<b>Operating Position (O.P.)</b>	8,4 mm ± 0,3 mm [0.331 in ± 0.012 in]
<b>Housing Material</b>	Thermoplastic
<b>CE mark</b>	61058-1
<b>UL File #</b>	E12252
<b>CSA File #</b>	LR23413M167
<b>Agency Approvals and Standards</b>	1054
<b>Mounting Screw Size</b>	2,3 mm [0.09 in]
<b>Mounting Centers</b>	9,65 mm [0.38 in]
<b>Maximum Tightening Torque</b>	0,29 N m [2.6 in lb]
<b>Weight</b>	0,2 g [0.007 oz]
<b>Package Height</b>	10,9 mm [0.43 in]
<b>Package Width</b>	6,35 mm [0.25 in]
<b>Package Length</b>	19,8 mm [0.78 in]
<b>Availability</b>	Global
<b>UNSPSC Code</b>	30211905
<b>UNSPSC Commodity</b>	30211905 Snap switches
<b>Series Name</b>	UM Series

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### **⚠ 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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