



*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.*

## UM50E70F01

**UM Series Subminiature Basic Switch, Single Pole Double Throw (SPDT), 250 Vac, 5 A, Roller Lever 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>	Roller Lever

<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>Actuator Length</b>	5,15 mm [0.203 in]
<b>Contact Type</b>	Silver
<b>Operating Force (O.F.)</b>	0,58 N [2.1 oz] max.
<b>Release Force (R.F.)</b>	0,04 N [0.141 oz] min.
<b>Pretravel (P.T.)</b>	2,5 mm [0.098 in] max.
<b>Overtravel (O.T.)</b>	0,8 mm [0.031 in] min.
<b>Differential Travel (D.T.)</b>	0,50 mm [0.020 in] max.
<b>Operating Position (O.P.)</b>	14,50 mm ± 0,8 mm [0.571 in ± 0.031 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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