

VM Series Switch (Sub-Miniature Snap-Action Switches)

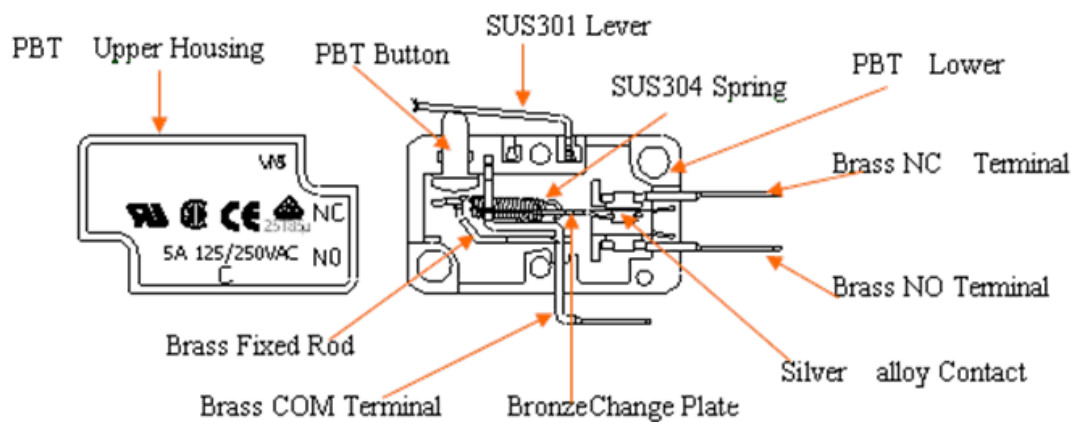


Features :

Mechanical life : min.1 x 10⁶ cycles

Good feeling and more actuators and more terminals are applied

Materials :



Upper Housing: High Temperature PBT (UL94 V-0)

Lower Housing: High Temperature PBT (UL94 V-0)

Actuating Button: High Temperature PBT (UL94 V-0)

Fixed Rod: Brass

Chang Plate: Bronze

NC 、 NO 、 COM Terminals: Brass(Plating silver)

Contacts: Silver Alloy or plating Gold

Spring: US304

Auxiliary Actuator: Stainless Steel

Specification :

Mechanical life: 1,000,000 cycles min

Contact Rating:

5Amps @ 125/250 VAC; CUL, UL 10,000 cycles; VDE 10,000 cycles

3 Amps @ 125 /250VAC ; CUL,UL 10,000 cycles;VDE10,000 cycles

Insulation Resistance:> 100MΩ DC500V

Withstand Voltage: AC1,000V 1 minute

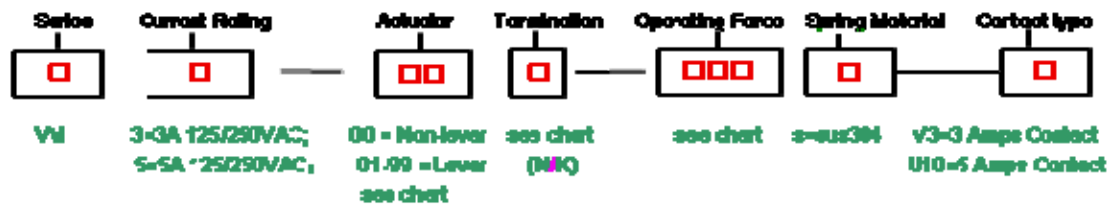
Contact Resistance:< 100mΩ

Operating Temper.: -25°C to 85°C

Operating Force:See Chart

Hand Soldering.:Use a soldering iron of 30 watts , controlled at 380°C approximately 3 seconds while applying solder

How To Order :



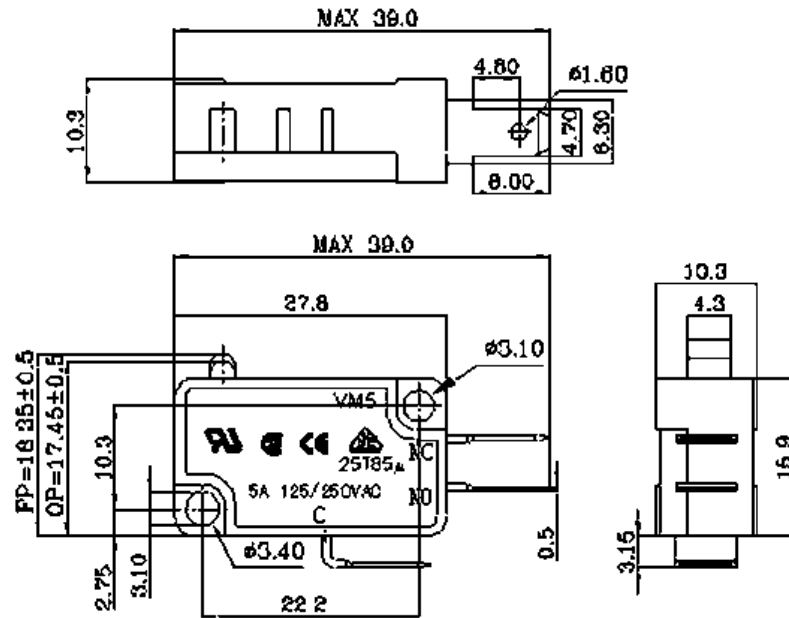
EXAMPLE: VM5-00K-1E03-U10, VM5-00N-1103-U10

Actuator And Operating Force Chart :

ACTUATOR	OPERATING FORCE (gf)						FP(mm)	OP(mm)	RE MA RK
	60±25	80±30	110±30	160±40	200±50	250±50			
00 (NO LEVER)	60±25	80±30	110±30	160±40	200±50	250±50	18.35±0.5	17.45±0.5	
01	60±25	80±30	110±30	160±40	200±50	250±50	19.05±0.5	18.05±0.5	
02	30±10	40±15	50±20	75±25	100±40	120±40	19.95±0.8	18.25±0.8	
03	12±5	25±10	30±10	40±15	50±25	60±25	21.95±2.0	18.05±2.0	
04	35±15	45±20	55±20	85±30	110±30	140±40	23.55±1.5	21.75±1.5	
05	60±25	80±30	110±30	160±40	200±50	250±50	24.45±0.8	23.45±0.8	

Terminal Options mm(Inches) :

" N " Type Terminals



" K " Type Terminals

