

MVS-36 Series
Miniature Basic Switch
◆ Features

- ✓ Complete seal, IP67-rated, with 0.5 m wire-out (AWG20)
- ✓ Positive Opening contacts
- ✓ Forms C, A, and B contact variations available
- ✓ Tin-plated brass terminals for better oxidation resistance

◆ Recognition(s)

- ✓ CE – EN60947
- ✓ CSA – 6241 90
- ✓ RoHS Compliant
- ✓ Reach Unaffected


◆ Characteristics

Positive Opening	Electrical Contact	Terminal Type	Contact Form(s)	Poles & Throws	Actuation Sequence(s)
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Yes	2 or 3 Points	Wire (0.5m)	Form C, A, or B	SPDT Snap or SPST-NO or SPST-NC	Break(1) Make(2) or Single Make or Single Break
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Operating Temp.	AC Rated	DC Rated	IP	Oil Resist	Dust Resist	Water Resist	Operating Speed
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-40 to 80 Celsius	1.5A 230V	0.5A 60V	67	Yes	Yes	Yes	0.01mm to 1m/sec
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Operation Frequency	Contact Resistance	Insulation Resistance	Vibration
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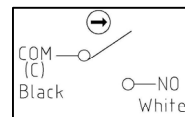
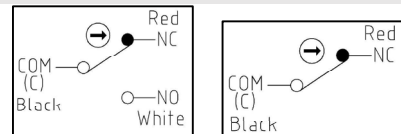
Mechanically: 60/min Electrically: 30/min	30mΩ max. (initial)	100MΩ min. (500VDC)	1.5mm amplitude at 10-55Hz
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Storage Humidity	Service Life (min.)	Dielectric Strength
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85% RH max	Mechanically: 5,000,000 operations Electrically: 50,000 operations	1000VAC, 50/60Hz for 1 minute between non-continuous terminals
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Recommended tightening forces

Purpose	Screw type	Tightening
Mounting	M3	0.39~0.59N·m

Circuitry


◆ Materials

Actuation touch part	Electrical contact point	Enclosure
Stainless Steel SUS304 (levers), or POM+glass fiber (plunger & rollers)	Silver 99.9% <u>Custom:</u> Gold-plated Silver	PC Plastic

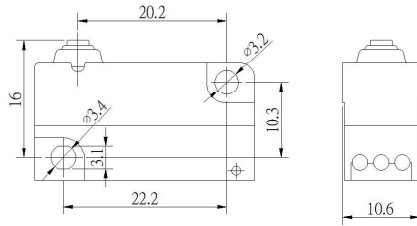
◆ Nomenclature

Series:	Terminal Type:	Actuator:	Contact Form:
MVS –	36	00 –	NC
	36=sealed wire-out	<u>Touch part, Plastic</u> 00=POM pin plunger 04=POM roller lever 05=POM roller lever, long <u>Touch part, Stainless Steel</u> 01=SUS304 simulated roller lever 02=SUS304 lever 03=SUS304 lever long	Blank=Form C (3 wires) NO=Form A (2 wires) NC=Form B (2 wires)

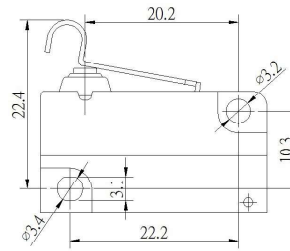
◆ Dimensions & Operating Characteristics

*Measurements in *millimeters*

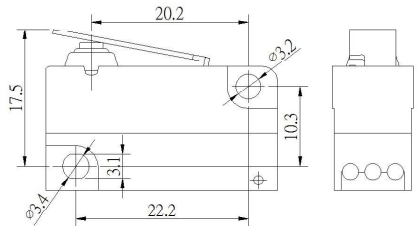
*NO/NC contact forms do not affect operating characteristics; examples below are Form C contacts (3 wires)



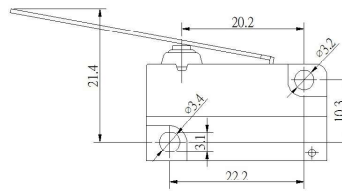
MVS-3600	
OF MAX	150g
RF MIN	107g
PT MAX	1.0mm
OT MIN	1.6mm
DT	0.6mm
OP	15±1mm



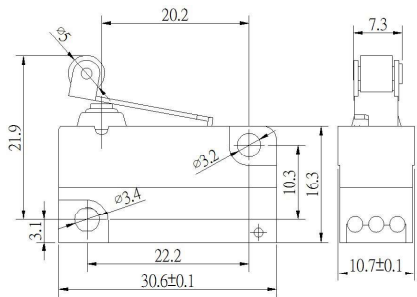
MVS-3601	
OF MAX	126g
RF MIN	68g
PT MAX	1.1mm
OT MIN	2.5mm
DT	0.5mm
OP	21.3±1mm



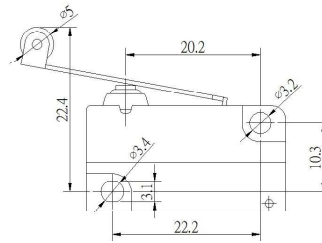
MVS-3602	
OF MAX	96g
RF MIN	61g
PT MAX	1.4mm
OT MIN	2.3mm
DT	0.8mm
OP	16.1±1mm



MVS-3603	
OF MAX	50g
RF MIN	8g
PT MAX	2.9mm
OT MIN	6.0mm
DT	1.1mm
OP	18.5±1mm



MVS-3604	
OF MAX	127g
RF MIN	99g
PT MAX	1.1mm
OT MIN	0.5mm
DT	0.5mm
OP	20.8±1mm



MVS-3605	
OF MAX	74g
RF MIN	56g
PT MAX	2mm
OT MIN	4.1mm
DT	0.9mm
OP	20.4±1mm



MVS-3600



MVS-3601



MVS-3602



MVS-3603



MVS-3604



MVS-3605