

MINIATURE BASIC SWITCHES V SERIES

Features

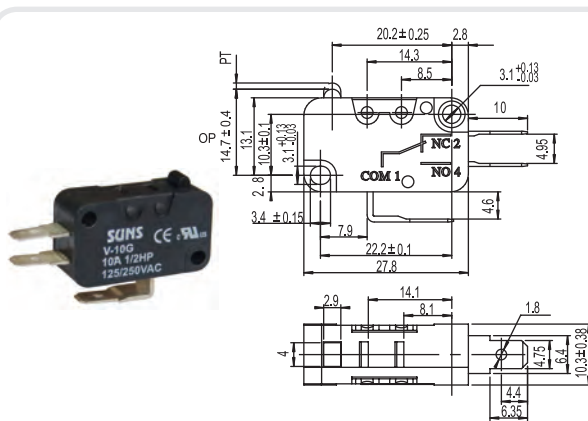
- Industry standard design with 10/15 A ratings
- Choose from a variety of levers, terminals
- Variety of operating forces (25g to 400g).
- Also available in Positive Opening styles
- Long service life of 10,000,000 operations
- RoHS Compliant

Specifications

Operating Speed	0.01mm TO 1m/sec (Plunger models without levers)
Operating Frequency	Mechanical: 600 ops/min; Electrical: 60 ops/min
Service Life	Mechanical: 10, 000, 000 (operations) Electrical: V-10G: 200, 000 (operations) V-15G: 100, 000 (operations)
Rated Current/Voltage	V-10 series 10A 1/2HP 125/250VAC V-15 series 15A 1/2HP 125/250VAC
Operating Temperature	Standard -40~+85°C High temperature -40~+150°C
Dielectric Strength	1,000 VAC, 50/60 Hz for 1 min between terminals of the same polarity 2,000 VAC, 50/60 Hz for 1 min between current-carrying metal parts and ground, and between each terminal and non-current-carrying metal parts
Insulation Resistance	>100M Ω @ 500VDC
Contact Resistance	<30m Ω (initial value)
Degree of Protection	IP00

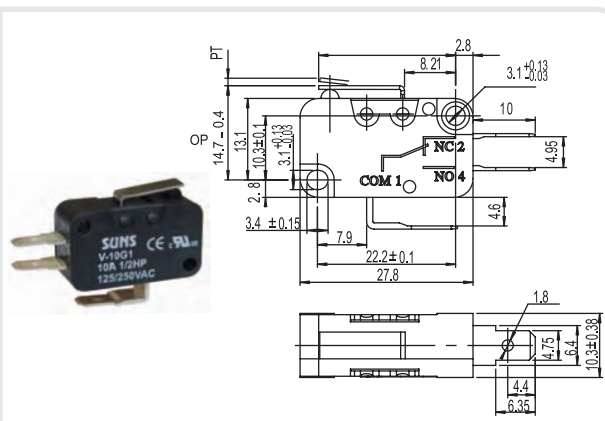
Selection Guide:

V-	15	-	S	-		-		-		-		
	10	10 A	G	Standard	none	Actuator	none	Max. Operating (Applied only to V-10G/V-15G)	none	Hinge Position	none	Terminal Type
	15	15 A	H	High temp.	1	Pin plunger	A	Force	T	Internal/near plunger	S	Solder/Quick connet
			P	Positive Open Contact	2	Short hinge lever	B		M	Internal/far from plunger		Screw
					3	Hinge lever	C		K	External/far from plunger		
					4	Long hinge lever	D			External/near plunger		
					5	Simulated roller lever	E					
					6	Short hinge roller lever	F					
						Hinge roller lever	L					



V-10G/V-15G Operating Characteristics

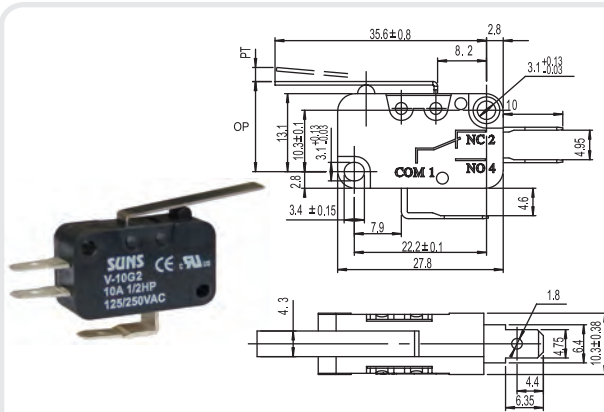
Suffix	- A B C D E F	OT (Min)	1.27 mm
OF (Max)	75/ 50/ 100/ 125/ 200/ 300/ 400g	MD (Max)	0.25 mm
RF (Min)	24/ 16/ 33/ 42/ 66/ 100/ 133g	OP	14.7 ± 0.4 mm
PT (Max)	1.19 mm		



V-10G1/V-15G1 Operating Characteristics

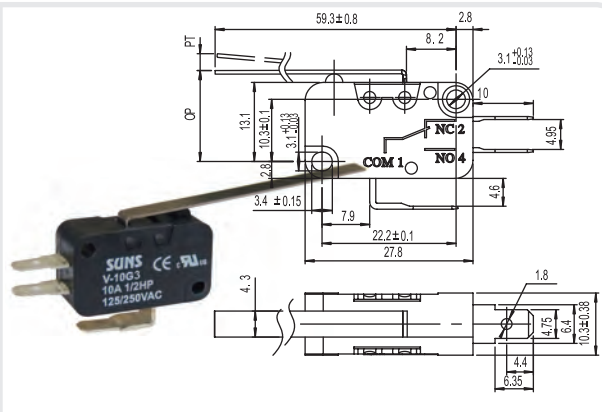
Suffix	- A B C D E F	OT (Min)	1.27 mm
OF (Max)	25/ 50/ 100/ 125/ 200/ 300/ 400g	MD (Max)	1.41 mm
RF (Min)	8.4/ 16/ 33/ 42/ 66/ 100/ 133g	OP	15.2 ± 0.5 mm
PT (Max)	1.57 mm		

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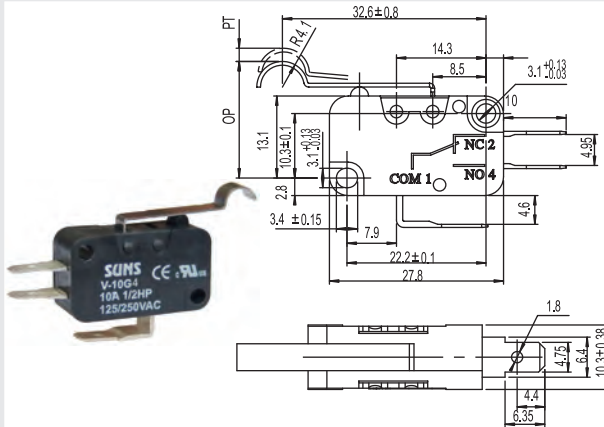
V-10G2/V-15G2 Operating Characteristics

Suffix - A B C D E F	OT (Min) 2.2 mm
OF (Max) 37/ 25/ 50 / 65 / 100 / 150/ 200g	MD (Max) 0.8 mm
RF (Min) 12/ 8 / 16 / 22 / 33 / 50 / 67g	OP 15.2 ± 1.2 mm
PT (Max) 3.2 mm	



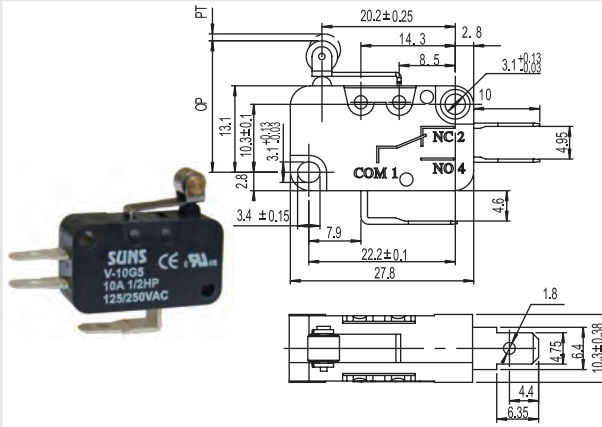
V-10G3/V-15G3 Operating Characteristics

Suffix - A B C D E F	OT (Min) 3 mm
OF (Max) 22/ 14 / 28 / 36 / 57 / 86 / 115g	MD (Max) 2 mm
RF (Min) 6.8/ 4.5/ 9.5/ 12 / 19 / 28 / 38g	OP 15.2 ± 2.6 mm
PT (Max) 9 mm	



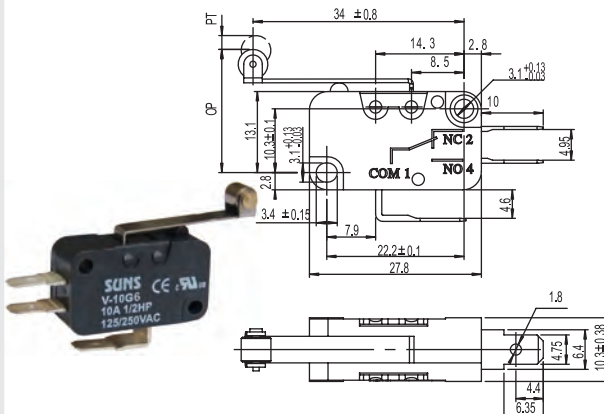
V-10G4/V-15G4 Operating Characteristics

Suffix - A B C D E F	OT (Min) 2.3 mm
OF (Max) 37/ 25/ 50 / 65 / 100 / 150/ 200g	MD (Max) 0.8 mm
RF (Min) 12/ 8 / 16 / 22 / 33 / 50 / 67g	OP 18.7 ± 1.2 mm
PT (Max) 3.2 mm	



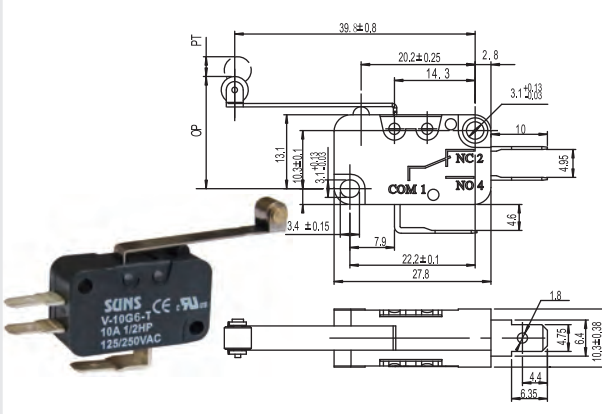
V-10G5/V-15G5 Operating Characteristics

Suffix - A B C D E F	OT (Min) 1.0 mm
OF (Max) 75/ 50 / 100/ 125 / 200/ 300/ 400g	MD (Max) 0.5 mm
RF (Min) 24/ 16 / 33 / 42 / 66 / 100/ 133g	OP 20.7 ± 0.6 mm
PT (Max) 1.5 mm	



V-10G6/V-15G6 Operating Characteristics

Suffix - A B C D E F	OT (Min) 2.2 mm
OF (Max) 37/ 25/ 50 / 65 / 100 / 150/ 200g	MD (Max) 0.8 mm
RF (Min) 12/ 8 / 16 / 22 / 33 / 50 / 67g	OP 20.7 ± 1.6 mm
PT (Max) 3.2 mm	



V-10G6_TV-15G6_T Operating Characteristics

Suffix - A B C D E F	OT (Min) 3.05 mm
OF (Max) 30/ 20 / 38 / 50 / 77 / 115/ 154g	MD (Max) 1.02 mm
RF (Min) 9 / 6 / 12 / 16 / 25 / 38 / 50g	OP 20.7 ± 2.0 mm
PT (Max) 5.08 mm	