

MICRO SWITCHES



SW2 SERIES

SPECIFICATIONS

Contact Resistance (initial)

Max. 300mΩ

Measured by ohm meter - open voltage < 1VDC, driver current -100 mA

Insulation Resistance (at 500VDC/minute)

Min. 100MΩ

Dielectric Strength

Min. 500VAC(50-60HZ)/minute between Live parts.

Min. 1500VAC(50-60HZ)/minute between Live parts and dead metal parts

Operating Temperature Range

-40°C to 125°C (with no icing)

Vibration

10~55Hz, displacement 0.75 mm (p-p)

Electrical Service Life

Min. 10,000 operations

Electrical Operating Frequency

10~30 operations per minute

Mechanical Service Life

Min. 2,000,000 operations

Mechanical Operating Frequency

120 operations per minute

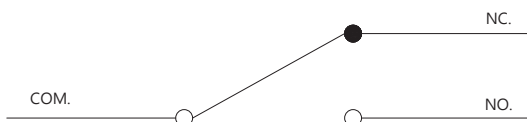
Operating application of the switch

Set the switch pushing distance from 60% to 90% of the specified OT value

APPLICATIONS

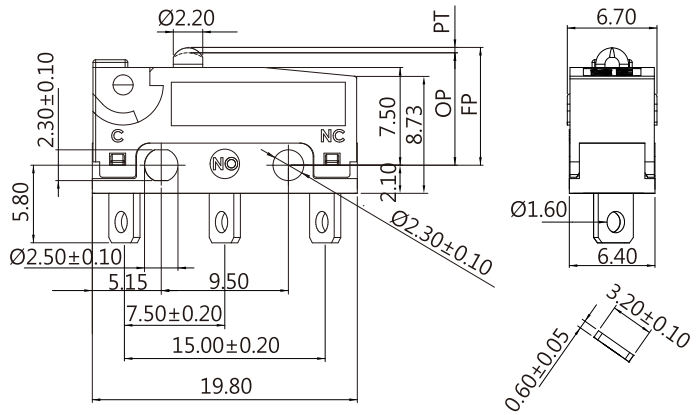
Telephone, Air conditioner, Computer, Humidifier, Alarm, Time recorder, Mixer & Chopper, Solder gun, Neon phone, Fax machine, Joystick, Water pump, Gas detector, Pencil sharpener, Money sorter, Food processor, Electric knife, Toy car, Juice maker, Electric steak pan.

CONTACT CONFIGURATION

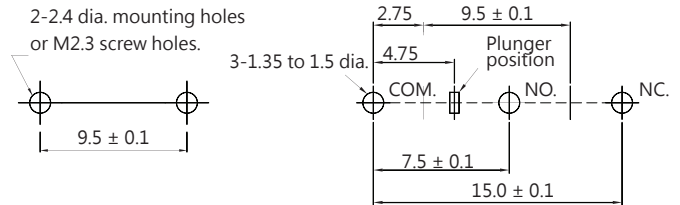


DIMENSIONS

Unless otherwise specified, a tolerance of ±0.4mm applies to all dimensions.



MOUNTING HOLES



CERTIFICATE INFORMATION

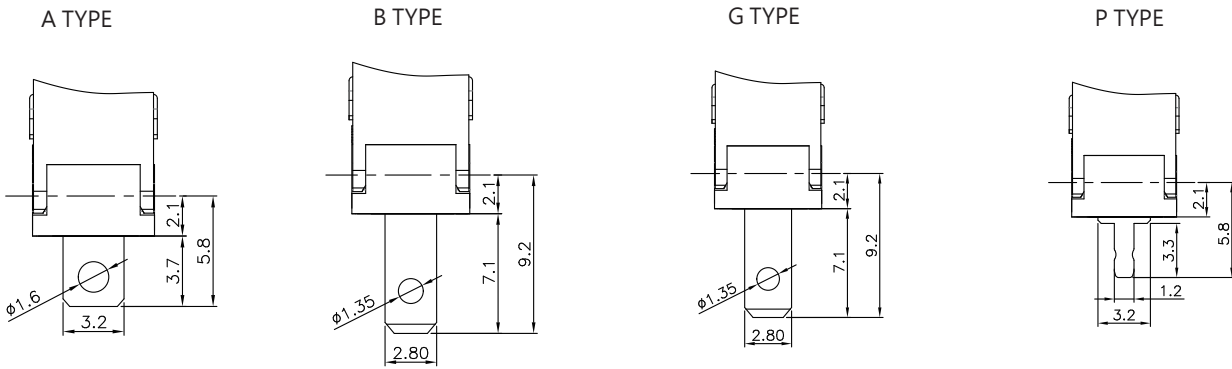
Model Name	UL · cUL	ENEC
SW2-C1	0.1RA 125/250VAC uT125 1E4	0.1A 125/250VAC uT125 1E4
SW2-C3	3GPA 125/250VAC uT125 1E4	3A 125/250VAC uT125 1E4
SW2-06	5RA 30VDC uT125 1E4 6GPA 125/250VAC uT125 1E4	5A 30VDC uT125 1E4 6A 125/250VAC uT125 1E4
SW2-10	5RA 30VDC uT125 1E4 10RA125/250VAC uT125 1E4 10GPA 125/250VAC uT125 1E4	5A 30VDC uT125 1E4 10(2)A 125/250VAC uT125 1E4
SW2-H10	5RA 30VDC uT125 1E4 10RA125/250VAC uT125 1E4 10GPA 125/250VAC uT125 1E4 1/4HP 125/250VAC uT125 1E4	5A 30VDC uT125 1E4 10(2)A 125/250VAC uT125 1E4

THE SELECTION OF RATING & FORCE

MODEL	Rating	L	S	H
SW2	0.1A	*	*	*
	3A	*	*	*
	6A	*	*	*
	10A 10(2)A		*	*
	1/4 hp 10A 10(2)A		*	*

NOTE : The Symbol " * " to represent the result is accepted

TERMINAL TYPES (THE thickness of each terminal is 0.6 mm)



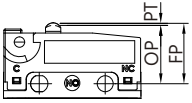
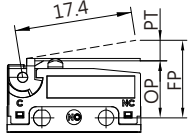
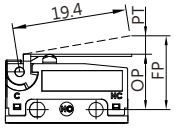
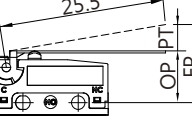
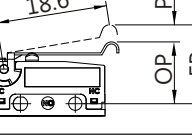
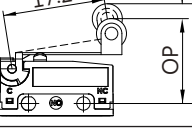
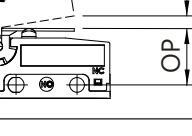
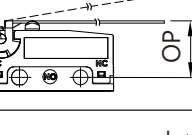
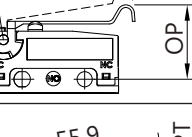
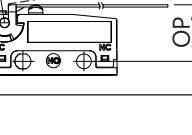
Terminal t=0.5mm

ORDERING INFORMATION

S	W	2	—	0	6	S	0	—	0	0	A	0	—	Z			
SERIES PREFIX				RATING CURRENT		OPERATING FORCE			COVER TYPE		ACTUATOR TYPE		TERMINAL TYPE		CIRCUIT ARRANGEMENT		ROHS CODE
				C1	0.1A 125/250 VAC	H	HEAVIER		0		00		A		0	S.P.D.T	
				C3	3A 125/250 VAC	S	STANDARD				01		B		1	S.P.S.T NO	
				06	6A 125/250 VAC	L	LIGHT				02		P		2	S.P.S.T NC	
				10	10A 125/250 VAC						03		G				
				10(2)A	125/250 VAC												
				H10	10A 125/250 VAC												
				H10	10(2)A 125/250 VAC												
					1/4 hp 125/250 VAC												

#NOTE		
	RATING CURRENT	OPERATING FORCE
1	Code:C1	L, S, H
	Code:C3	L, S, H
	Code:06	L, S, H
	Code: 10	S, H
	Code:H10	S, H

OPERATING CHARACTERISTICS

SWITCH TYPE	PART SUFFIX	OF Max. (gf)		OP (mm)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)	FP Max. (mm)	RF Min. (gf)	
		H	S						H	S
SW2- □□□□ -00 □□ -Z		H	300	8.4 ± 0.3	1.2	0.4	0.2	9.9	H	70
		S	203						S	50
		L	150						L	30
SW2- □□□□ -01 □□ -Z		H	121	8.8 ± 1.1	4.3	0.6	0.6	1.2	H	17
		S	82						S	16
		L	73						L	14
SW2- □□□□ -02 □□ -Z		H	105	8.8 ± 1.2	4.8	0.67	0.7	12.4	H	14
		S	66						S	13
		L	55						L	11
SW2- □□□□ -03 □□ -Z		H	72	8.8 ± 1.6	6.3	0.89	0.9	13.5	H	12
		S	54						S	11
		L	29						L	6
SW2- □□□□ -04 □□ -Z		H	106	10.7 ± 1.2	4.6	0.64	0.75	14.3	H	15
		S	68						S	14
		L	42						L	7
SW2- □□□□ -05 □□ -Z		H	100	14.5 ± 1.1	4.3	0.6	0.6	17.7	H	16
		S	72						S	15
		L	54						L	4
SW2- □□□□ -06 □□ -Z		H	165	8.8 ± 0.9	3.2	1.0	0.5	11.1	H	23
		S	98						S	21
		L	66						L	10
SW2- □□□□ -07 □□ -Z		H	65	8.8 ± 2.6	10.1	1.5	2.3	16.3	H	8
		S	39						S	8
		L	33						L	1
SW2- □□□□ -08 □□ -Z		H	106	11.3 ± 1.3	4.9	0.6	0.8	14.9	H	14
		S	68						S	13
		L	42						L	6
SW2- □□□□ -09 □□ -Z		H	50	8.8 ± 3.5	13.8	1.0	3.6	19.1	H	7
		S	33						S	7
		L	23						L	1