



SM1 SERIES internal snap-fit lever

SPECIFICATIONS

Contact Resistance (initial)

Max. 300mΩ

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

Insulation Resistance (at 250VDC/minute)

Min. 100MΩ

Dielectric Strength

1000VAC (50~ 60Hz)

Operating Temperature Range

SM1-06/10/16/P1 series -40°C to 125°C (with no icing)

SM1-C5/C3/C1 series -40°C to 85°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

SM1-C5/-06 series(S/L/D force) Min. 10,000,000 operations

SM1-10 series(S force) Min. 1,000,000 operations

All series for H force No define the life

Mechanical Operating Frequency

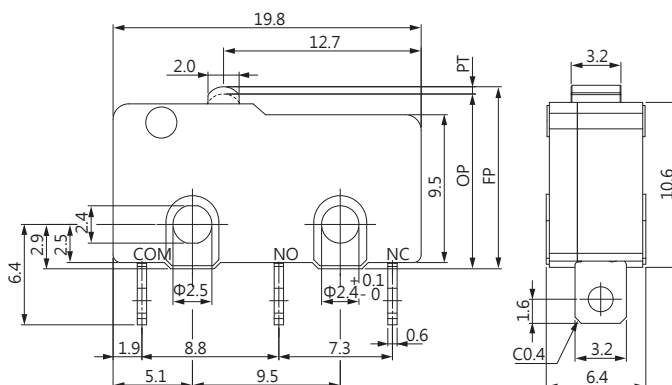
120 operations per minute

APPLICATIONS

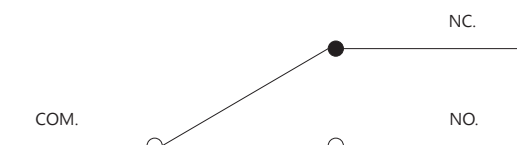
Telephone, Air Conditioner, Computer, Humidifier, Alarm, Time Recorder, Mixer & Chopper, Solder Gun, Neon Phone, Fax Machine, Joystick, Water Pump, Gas Detector, Pencil Sharpener, Money Sorter, Food Processor, Electric Knife, Toy Car, Juice Maker, Electric Steak Pan.

DIMENSIONS

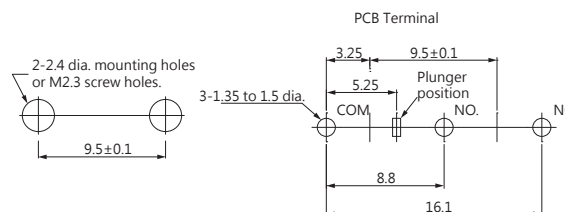
Unless otherwise specified, a tolerance of ±0.4mm applies to all dimensions.



CONTACT CONFIGURATION



MOUNTING HOLES



CERTIFICATE INFORMATION

Model Name	UL, cUL	ENEC14
SM1-P1	0.1A 125/250VAC(Temp:125°C) Min. 10,000 operations	0.1A 125/250VAC,μ40T125 1E4
SM1-06	6A 125/250VAC(Temp:125°C) Min. 10,000 operations	6A 125/250VAC,μ40T125 1E4 6(2)A 125/250VAC,μ40T125 1E4
SM1-10	10.1A 125/250VAC(Temp:125°C) Min. 10,000 operations	10.1A 125/250VAC,μ40T125 1E4 6(2)A 125/250VAC,μ40T125 1E4
SM1-16	16A 125/250VAC(Temp:65°C) Min. 6,000 operations	16.1A 125/250VAC,μ40T125 1E4 6(3)A 125/250VAC,μ40T125 1E4
SM1-C5	5A 125/250VAC(Temp:85°C) Min. 10,000 operations	5A 125/250VAC,μT85 1E4
SM1-C3	3A 125/250VAC(Temp:85°C) Min. 10,000 operations	3A 125/250VAC,μT85 1E4
SM1-C1	0.1A 125/250VAC(Temp:85°C) Min. 10,000 operations	0.1A 125/250VAC,μT85 1E4

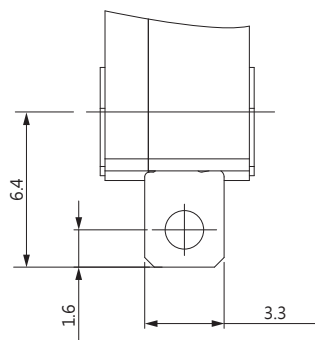
THE SELECTION OF RATING & FORCE

MODEL	Rating	D	L	S	H
SM1	0.1A	*	*	*	*
	3A	*	*	*	*
	5 A	*	*	*	*
	6 A	*	*	*	*
	10A			*	*
	16A				*

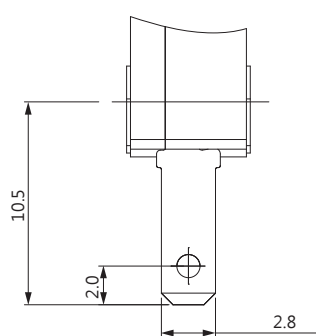
NOTE : The Symbol " * " to represent the result is accepted

TERMINAL TYPES (The thickness of terminal is 0.6)

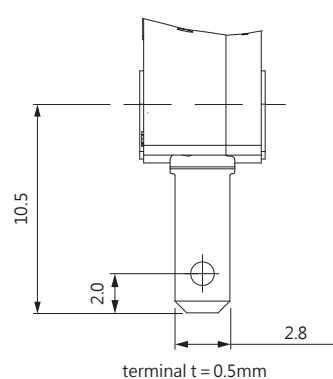
A TYPE



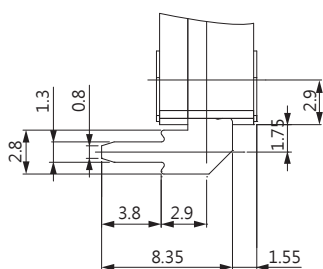
B TYPE



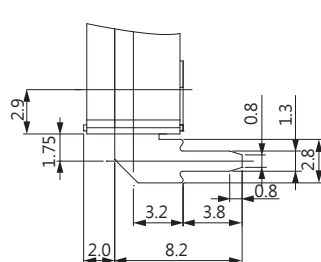
G TYPE



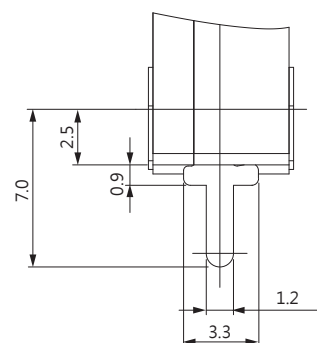
C TYPE



D TYPE



P TYPE



ORDERING INFORMATION

S	M	1	—	0	6	S	—	0	0	A	—	0	—	Z
SERIES PREFIX	CODE	RATING CURRENT		CODE	OPERATING FORCE	CODE	ACTUATOR TYPE	CODE	TERMINAL TYPE	CODE	CONTACT ARRANGEMENT		CODE	ROHS CODE
	P1	0.1A 125/250VAC		S	STANDARD	00		A		0	S.P.D.T			
	06	6A 125/250VAC 6(2)A 125/250VAC		L	LIGHT	01		B		1	S.P.S.T NO			
	10	10.1A 125/250VAC 6(2)A 125/250VAC ONLY S/H FORCE		D	SLIGHT	02		C		2	S.P.S.T NC			
	16	16A 125/250VAC 6(3)A 125/250VAC ONLY H FORCE		H	HEAVIER	03		D						
	C5	5A 125/250VAC				04		P						
	C3	3A 125/250VAC				05		G						
	C1	0.1A 125/250VAC				06								
						07								
						08								
						09								

MICRO SWITCHES