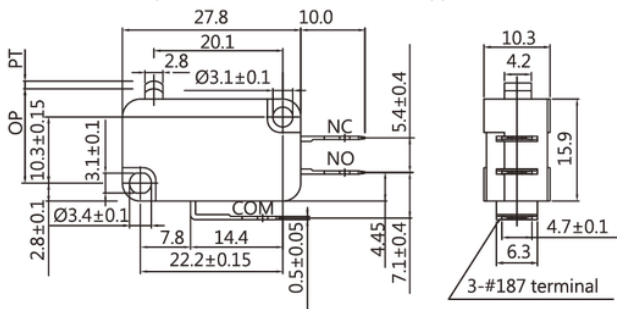


## Operating Instructions

## Dimensions

Unless otherwise specified, a tolerance of  $\pm 0.4\text{mm}$  applies to all dimensions.



## Contact Configuration



## Specifications

### Operating frequency(mechanical):

120 Operation / mim

### Operating frequency(electrical):

10~30 Operation / mim

### Contact resistance:

100m  $\Omega$ (max)

### Insulation resistance(at 500 VDC)

100M  $\Omega$ (Min)

### Service life(mechanical)

Min. 10,000,000 Operations

### Service life(electrical)

3A~15A-Min. 10,000 Operations

## Application

Joystick,TV Game,Time Recorder,Air Conditioner,Food Processor,Juice Maker,Alarm,Mixer,Shredder Machine

## Rating

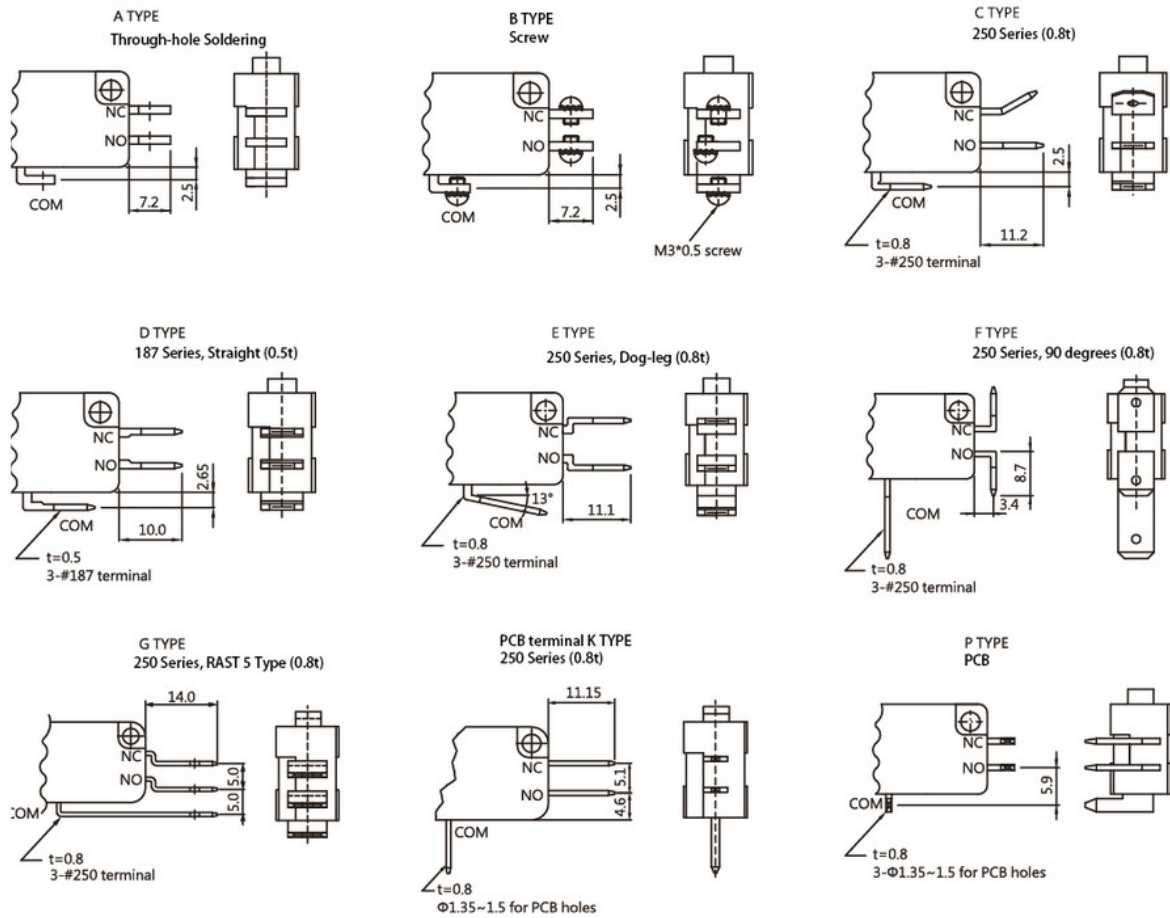
0.1A/3A/6A/10A/15A/16(4) 125/250VAC ; 0.1A 30VDC

## Operating Force

MODEL	Rating	B A	D C	N M	L K	S R	H G	SPECIFY H & G
VMN	0.1A	*	*	*	*	*	*	*
	3A		*	*	*	*	*	*
	6A			*	*	*	*	*
	10A				*	*	*	*
	15A					*	*	*
	16(4)A							*

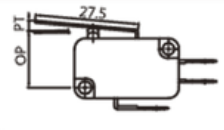
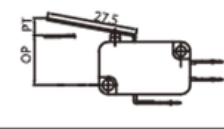
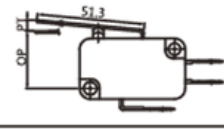
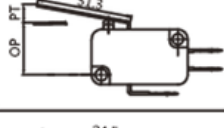
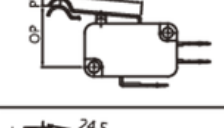
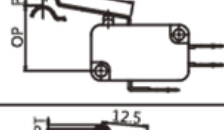
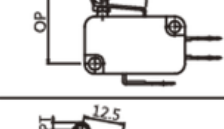
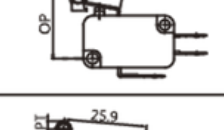
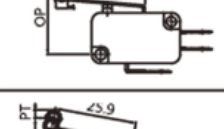

NOTE : The Symbol " \* " to represent the result is accepted

## Terminal Types

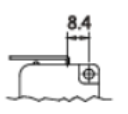



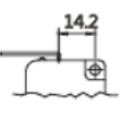












## Operating Characteristics

SWITCH TYPE	PART SUFFIX	OF Max. (gf)							OP (mm)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)
		B	D	N	L	S	H	SPECIFY H				
VMN-□□□-00□□-B-Z		B	D	N	L	S	H	SPECIFY H	14.7±0.5	1.72	0.8	0.25
		18	45	75	110	170	230	330				
VMN-□□□-01□□-B-Z		B	D	N	L	S	H	SPECIFY H	15.3±0.5	1.57	0.6	0.41
		18	45	75	110	170	230	330				
		A	C	M	K	R	G	SPECIFY G	15.3±1.1	2.85	1.55	0.5
		8	27	43	50	85	120	175				

SWITCH TYPE	PART SUFFIX	OF Max. (gf)							OP (mm)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)
		B	D	N	L	S	H	SPECIFY				
VMN-□□□-02□□-B-Z		B	D	N	L	S	H	SPECIFY H	15.3±1.5	3.18	1.60	0.76
	8	22	37	50	86	125	180					
VMN-□□□-02□□-B-Z		A	C	M	K	R	G	SPECIFY G	15.3±2.3	5.60	3.10	1.02
	5	16	22	30	51	65	90					
VMN-□□□-03□□-B-Z		B	D	N	L	S	H	SPECIFY H	15.3±2.5	7.60	3.00	1.2
	6	13	25	30	49	70	120					
VMN-□□□-03□□-B-Z		A	C	M	K	R	G	SPECIFY G	15.3±4.3	10.0	5.00	1.70
	6	8	15	20	30	35	50					
VMN-□□□-04□□-B-Z		B	D	N	L	S	H	SPECIFY H	18.7±1.5	3.18	1.40	0.76
	10	28	43	65	110	140	205					
VMN-□□□-04□□-B-Z		A	C	M	K	R	G	SPECIFY G	18.7±2.1	5.60	2.55	1.02
	7	16	24	35	56	70	100					
VMN-□□□-05□□-B-Z		B	D	N	L	S	H	SPECIFY H	20.7±0.8	1.72	0.60	0.25
	20	55	80	110	170	230	330					
VMN-□□□-05□□-B-Z		A	C	M	K	R	G	SPECIFY G	20.7±1.1	2.50	1.40	0.40
	8	35	55	70	100	120	175					
VMN-□□□-06□□-B-Z		B	D	N	L	S	H	SPECIFY H	20.7±1.5	3.18	1.60	0.76
	8	30	50	65	100	125	180					
VMN-□□□-06□□-B-Z		A	C	M	K	R	G	SPECIFY G	20.7±2.2	5.08	2.80	1.02
	7	20	30	40	51	65	90					

## Order Information

SERIES PREFIX	C O D E	RATING CURRENT	C O D E	OPERATING FORCE	C O D E	ACTUATOR TYPE	C O D E	TERMINAL TYPE	C O D E	CIRCUIT ARRANGEMENT	C O D E	COLOR	ROHS CODE
VMN	P1	0.1A 125/250 VAC	B	 8.4	00	No Lever	A	 SOLDER TERMINAL	0	S.P.D.T	B	BLACK	Z
	03	3A 125/250 VAC	D			01			B	 SCREW TERMINAL	1	S.P.ST. NO	
	06	6A 125/250 VAC	N	 14.2	02		C	 250 SERIES	2		S.P.ST. NC		
	10	10A 125/250 VAC	L			03			D	 187 SERIES			
	15	15A 125/250 VAC 16(4) 125/250 VAC	S			04		E	 250 SERIES				
			H					F		 250 SERIES			
			A				P	 PCB TERMINAL					
			C				G		 250 SERIES				
			M				K	 PCB SERIES					
			K										
			R										
			G										

#NOTE		
ITEM	RATING CURRENT	OPERATING FORCE
1	0.1A	ALL
2	3A	D, N, L, S, H, C, M, K, R, G, SPECIFY H&G
3	6A	N, L, S, H, M, K, R, G, SPECIFY H&G
4	10A	L, S, H, K, R, G, SPECIFY H&G
5	15A	S, H, R, G, SPECIFY H&G
6	16(4)A	SPECIFY H&G