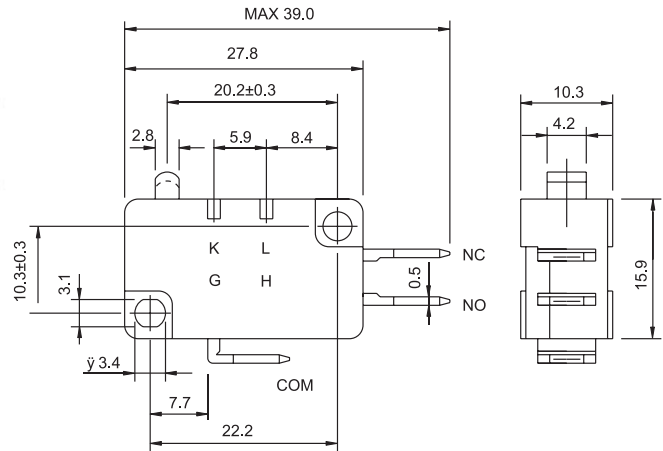




### VMN SERIES

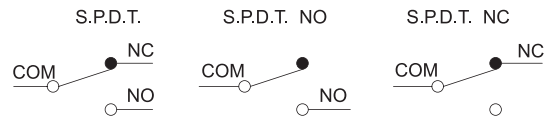
DIMENSIONS (Unless otherwise specified, a tolerance of  $\pm 0.4$  mm applies to all dimensions.)



### SPECIFICATIONS

Contact Resistance (initial).....	Max. 100m $\Omega$
Insulation Resistance (at 500VDC/minute).....	Min. 100M $\Omega$
Dielectric Strength.....	AC 1000VAC (50~60Hz)
Storage Temperature Range.....	-25°C to 85°C
Storage Humidity.....	at 40°C, Max. 85% R.H
Vibration.....	10~55Hz, displacement 0.75mm (p-p)
Electrical Service Life.....	0.1A - Min. 1,000,000 operations Other ratings - Min. 10,000 operations
Electrical Operating Frequency.....	0.1A - 120 operations per minute Other ratings - 10~30 operations per minute
Mechanical Service Life.....	Min. 10,000,000 operations
Mechanical Operating Frequency.....	120 operations per minute

### CONTACT CONFIGURATION



### APPLICATION

Joystick, TVgame, Time recorder,  
Air conditioner, Food processor, Juicer,  
Alarm, Mixer, Shredder

### RATING

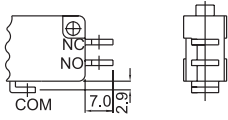
0.1A 30 VCD, 0.1A 125/250 VAC  
3A 125/250 VAC, 6A 125/250 VAC  
10A 125/250 VAC, 15A 125/250 VAC,  
16(4)A 125/250 VAC,  
1/2HP 125/250 VAC

### CERTIFICATE INFORMATION

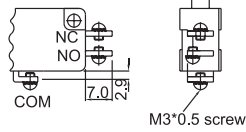
UL, cUL	0.1A 30 VDC, 3A 125/250 VAC, 6A 125/250 VAC, 10A 125/250 VAC, 15A 125/250 VAC, 1/2HP 125/250 VAC - 6000 cycles (Temp: 0.1A and 15A - 120°C, other rating: 55°C)
CSA	0.1A 125/250 VAC, 3A 125/250 VAC, 6A 125/250 VAC, 10A 125/250 VAC, 15A 125/250 VAC, 1/2HP 125/250 VAC - 6000 cycles
SEMKO, ENEC14, VDE	6A 125/250 VAC, 10A 125/250 VAC, 15A 125/250 VAC, 16(4)A 125/250 VAC,
-	$\mu$ 40T125, 10000 cycles

## TERMINAL TYPES

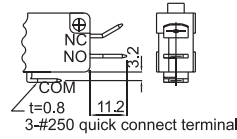
Solder terminal A TYPE



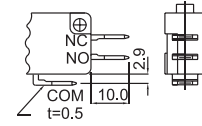
Screw terminal B TYPE



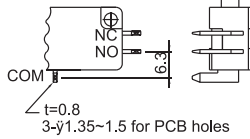
Quick connect terminal  
250 Series C TYPE



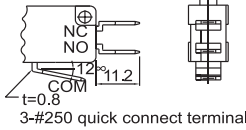
Quick connect terminal  
187 Series D TYPE



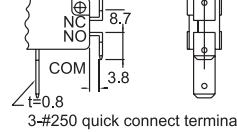
PCB terminal PTYPE



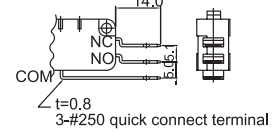
Quick connect terminal  
250 Series E TYPE



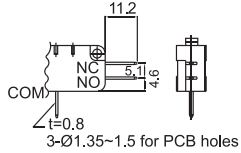
Quick connect terminal  
250 Series F TYPE



Quick connect terminal  
250 Series G TYPE

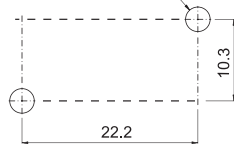


PCB terminal K TYPE



## MOUNTING HOLES

2- $\varnothing$  3.1 mounting holes  
or M3 screw holes



## ORDERING INFORMATION

SERIES PREFIX	CODE	RATING CURRENT	CODE	OPERATING FORCE	CODE	ACTUATOR TYPE	CODE	TERMINAL TYPE	CODE	CIRCUIT ARRANGEMENT	CODE	COLOR	ROHS CODE
VMN	06	6A ; 125/250 VAC	H		03	00	D	A	0	S.P.D.T	B	BLACK	Z
						01		B	1	S.P.S.T. NO			
						02		C	2	S.P.S.T. NC			
						03		D					
						04		E					
						05		F					
						06		G					
								P					
								K					

### ORDERING 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	Q				
		A	C	M	K	R	G	P				
VMN -□□□-00D0-Z		18	45	75	110	170	230	330	14.7 ±0.5	1.72	0.80	0.25
		—	—	—	—	—	—	—	—	—	—	—
VMN -□□□-01D0-Z		18	45	75	110	170	230	330	15.3 ±0.5	1.57	0.60	0.41
		8	27	43	50	85	120	175	15.3 ±1.1	2.85	1.55	0.50
VMN -□□□-02D0-Z		8	22	37	50	86	125	180	15.3 ±1.5	3.18	1.60	0.76
		5	16	22	30	51	65	90	15.3 ±2.3	5.60	3.10	1.02
VMN -□□□-03D0-Z		6	13	25	30	49	70	120	15.3 ±2.5	7.60	3.00	1.40
		—	8	15	20	30	35	50	15.3 ±4.3	10.0	5.00	1.70
VMN -□□□-04D0-Z		10	28	43	65	110	140	205	18.7 ±1.5	3.18	1.40	0.76
		7	16	24	35	56	70	100	18.7 ±2.1	5.60	2.55	1.02
VMN -□□□-05D0-Z		20	55	80	110	170	230	330	20.7 ±0.8	1.72	0.60	0.25
		8	35	55	70	100	120	175	20.7 ±1.1	2.50	1.40	0.40
VMN -□□□-06D0-Z		8	30	50	65	100	125	180	20.7 ±1.5	3.18	1.60	0.76
		5	20	30	40	51	65	90	20.7 ±2.2	5.08	2.80	1.02

### THE SELECTION OF RATING & FORCE

MODEL	RATOMG	B	D	N	L	S	H	Q
VMN	0.1A	*	*	*	*	*	*	*
	3A		*	*	*	*	*	*
	6A			*	*	*	*	*
	10A			*	*	*	*	*
	15A					*	*	*
	16(4)A							*

THE Symbol "\*" to represent the result is accept