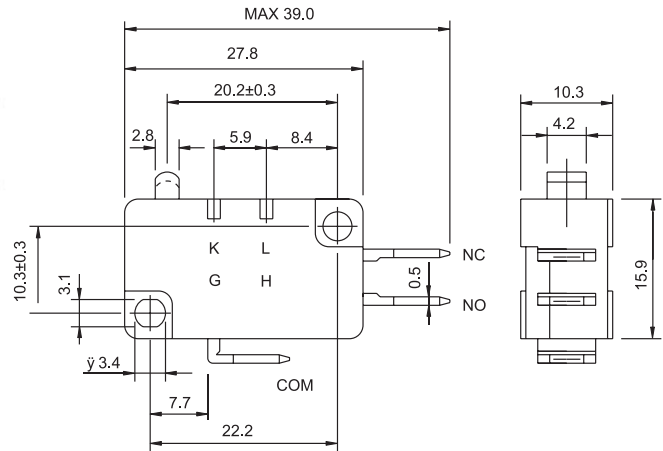




VMN SERIES

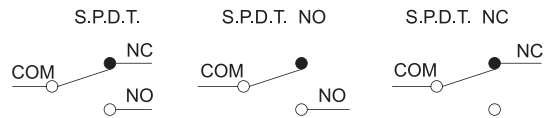
DIMENSIONS (Unless otherwise specified, a tolerance of ± 0.4 mm applies to all dimensions.)



SPECIFICATIONS

Contact Resistance (initial).....	Max. 100m Ω
Insulation Resistance (at 500VDC/minute).....	Min. 100M Ω
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

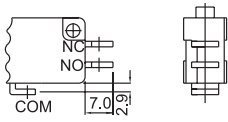
0.1A 30 VCD, 0.1A 125/250 VAC
3A 125/250 VAC, 6A 125/250 VAC
10A 125/250 VAC, 15A 125/250 VAC,
16(4)A 125/250 VAC,
1/2HP 125/250 VAC

CERTIFICATE INFORMATION

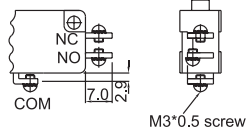
UL, cUL	0.1A 30 VDC, 3A 125/250 VAC, 6A 125/250 VAC, 10A 125/250 VAC, 15A 125/250 VAC, 1/2HP 125/250 VAC - 6000 cycles (Temp: 0.1A and 15A - 120°C, other rating: 55°C)
CSA	0.1A 125/250 VAC, 3A 125/250 VAC, 6A 125/250 VAC, 10A 125/250 VAC, 15A 125/250 VAC, 1/2HP 125/250 VAC - 6000 cycles
SEMKO, ENEC14,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

TERMINAL TYPES

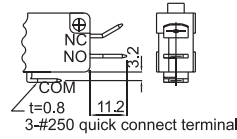
Solder terminal A TYPE



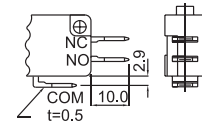
Screw terminal B TYPE



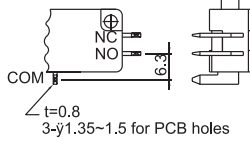
Quick connect terminal 250 Series C TYPE



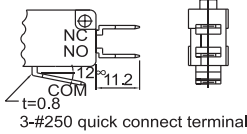
Quick connect terminal 187 Series D TYPE



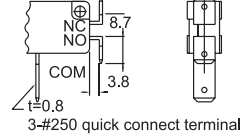
PCB terminal PTYPE



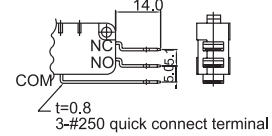
Quick connect terminal 250 Series E TYPE



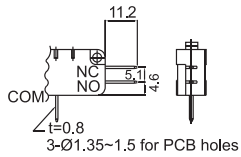
Quick connect terminal 250 Series F TYPE



Quick connect terminal 250 Series G TYPE

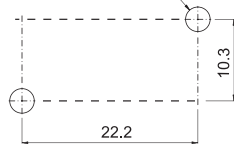


PCB terminal K TYPE



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		P					
								G					
								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