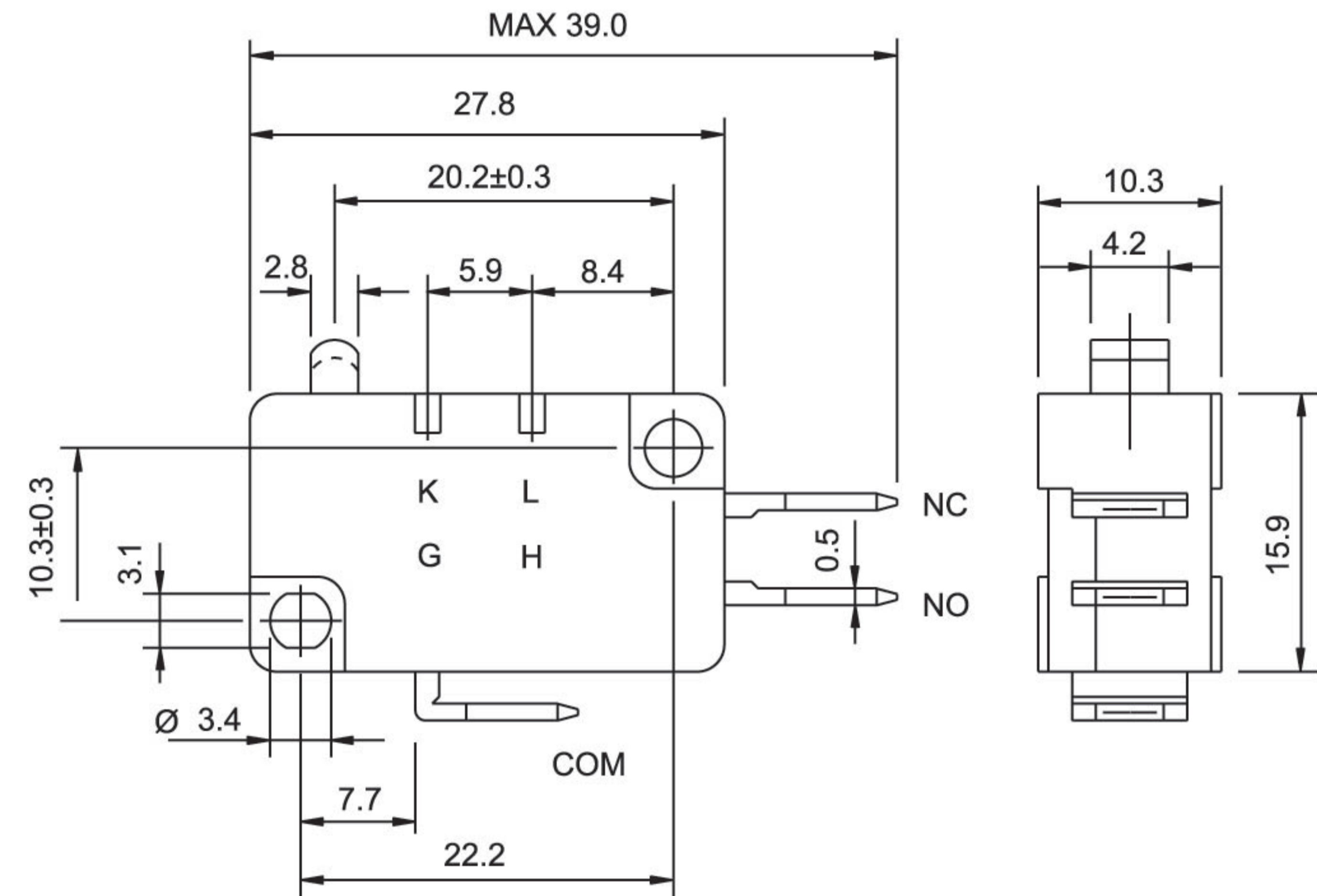


VMN SERIES

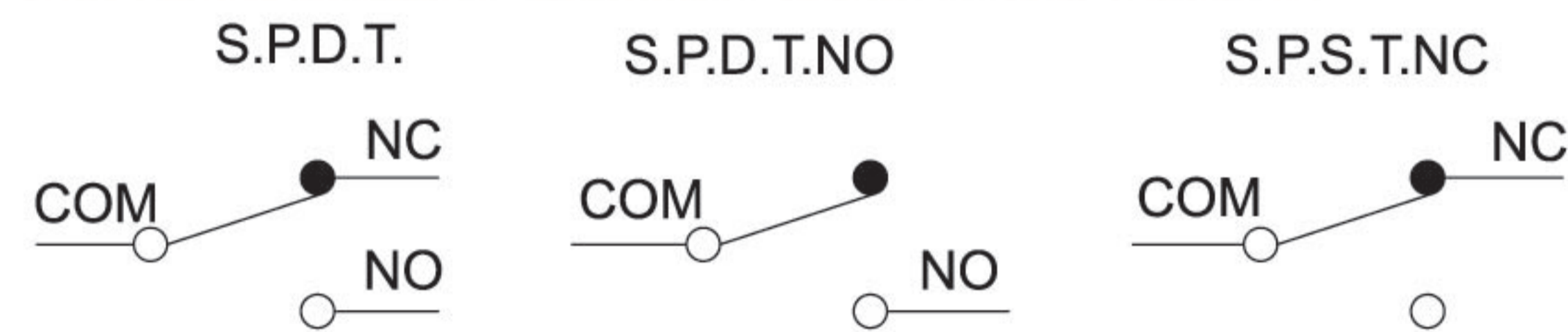
DIMENSIONS (Unless otherwise specified, a tolerance of ± 0.4 mm applies to all dimensions.)



SPECIFICATIONS

- Contact Resistance (initial) Max. 100m Ω
- Insulation Resistance (at 500VDC/minute) Min. 100M Ω
- Dielectric Strength 1000VAC (50~ 60Hz)
- Storage Temperature range -25°C to 85°C
- Storage Humidityat 40°C. Max. 85% R.H
- Operating Temperature range -40°C to 125°C
- Vibration 10~55HZ, displacement 0.75 mm (p-p)
- Electrical Service Life 0.1A - Min. 1,000,000 operations
Other ratings - Min. 10,000 operations
- Electrical Operating Frequency0.1A – 120 operations per minute
Other ratings - 10~30 operations per minute
- Mechanical Service Life Min. 10,000,000 operations
- Mechanical Operating Frequency120 operations per minute

CONTACT CONFIGURATION



APPLICATION

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

CERTIFICATE INFOAION

Model Name	UL	CSA	ENEC14
VMN-P1	0.1A 30VDC (Temp:120°C) Min. 6,000 operations	0.1A 125/250VAC Min. 6,000 operations	0.1A 125/250VAC, u40T125, 1E4
VMN-03	3A 125/250VAC (Temp:85°C) Min. 6,000 operations	3A 125/250VAC Min. 6,000 operations	3A 125/250VAC, u40T125, 1E4
VMN-06	6A 125/250VAC (Temp:55°C) Min. 6,000 operations	6A 125/250VAC Min. 6,000 operations	6A 125/250VAC, u40T125, 1E4
VMN-T6S	6A 125/250VAC (Temp:200°C) Min. 6,000 operations	Non	Non
VMN-10	10.1A 125/250VAC Min. 6,000 operations	10A 125/250VAC Min. 6,000 operations	10A 125/250VAC, u40T125, 1E4
VMN-15	15A or 1/2HP 125/250VAC (Temp:120°C) Min.10,000 operations	15A or 1/2HP 125/250VAC Min. 6,000 operations	15A 125/250VAC, u40T125, 1E4 or 16(4)A 125/250VAC, u40T125, 1E4

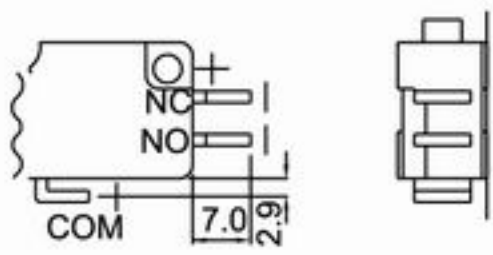
THE SELECTION OF RATING & FORCE

Model	Rating	B	D	N	L	S	H	Q
VMN	0.1 A	*	*	*	*	*	*	*
	3 A		*	*	*	*	*	*
	6 A			*	*	*	*	*
	10 A			*	*	*	*	*
	15 A					*	*	*
	16 A, 16(4) A							*

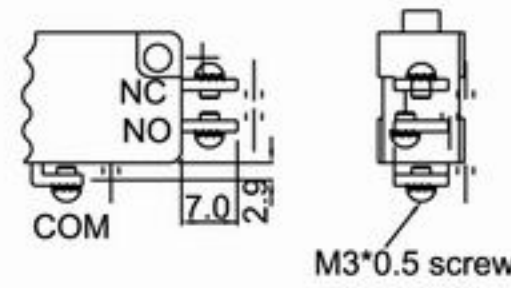
The Symbol “*” to represent the result is accept

TERMINAL TYPES

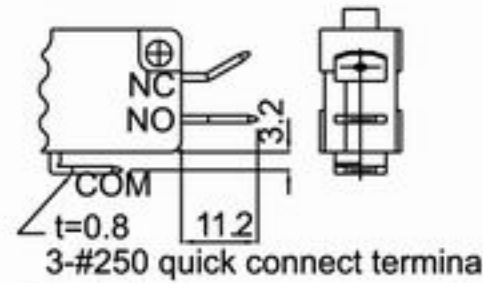
Solder terminal A TYPE



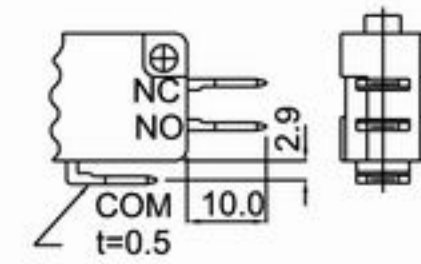
Screw terminal B TYPE



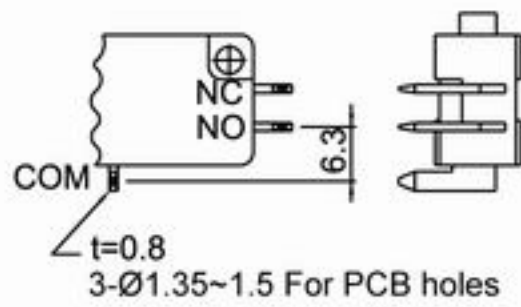
Quick connect terminal 250 Series C TYPE



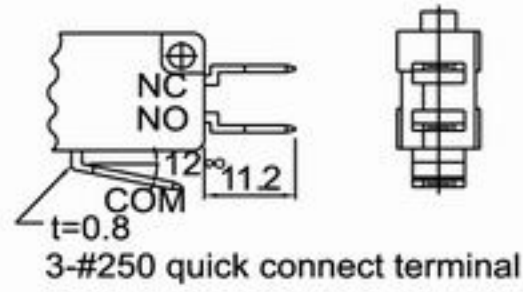
Quick connect terminal 187 Series D TYPE



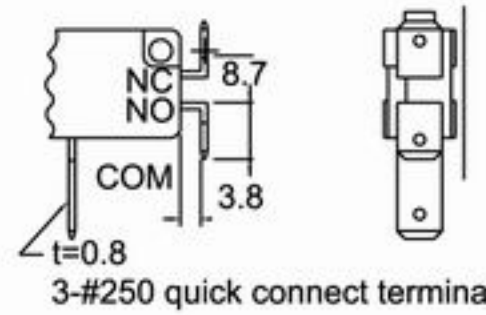
PCB terminal P TYPE



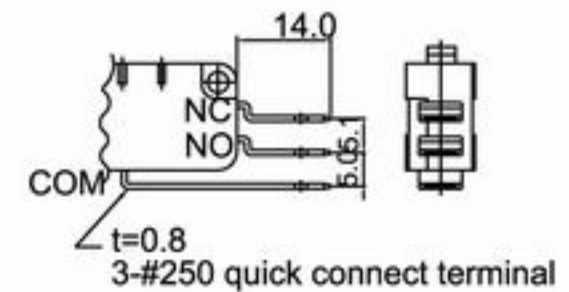
Quick connect terminal 250 Series E TYPE



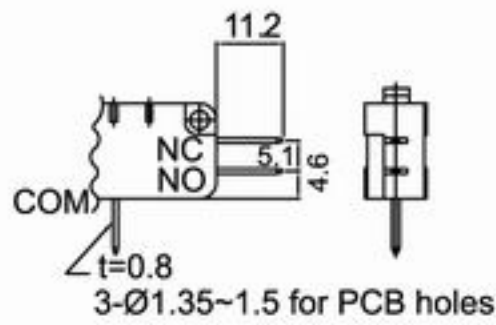
Quick connect terminal 250 Series F TYPE



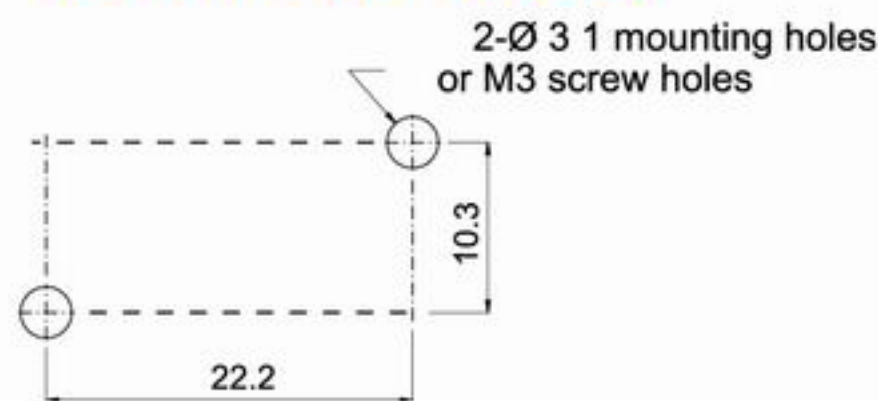
Quick connect terminal 250 series G TYPE



PCB terminal K TYPE



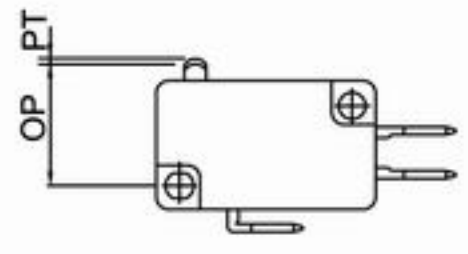
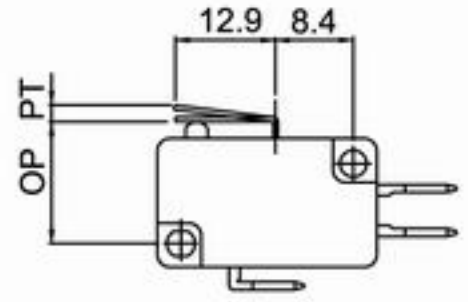
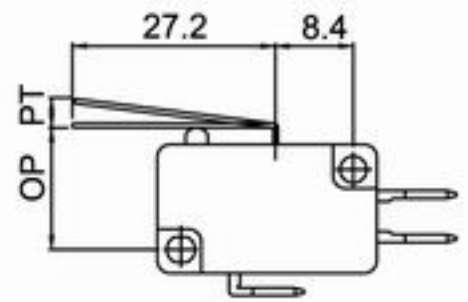
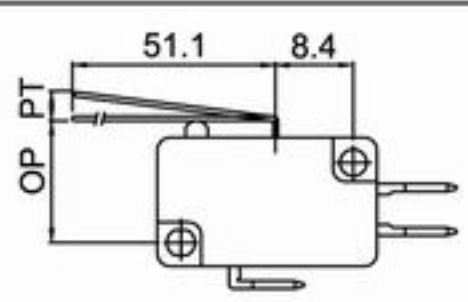
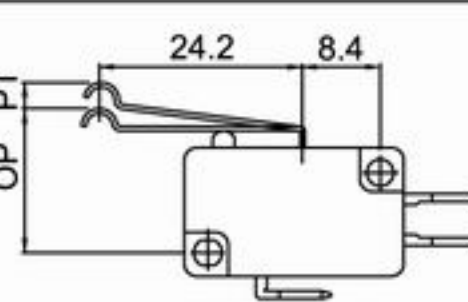
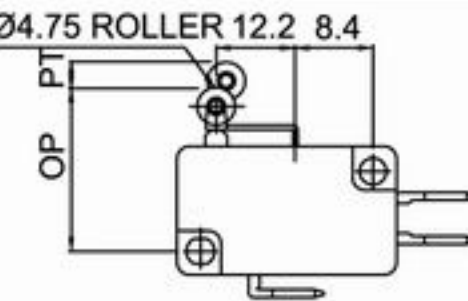
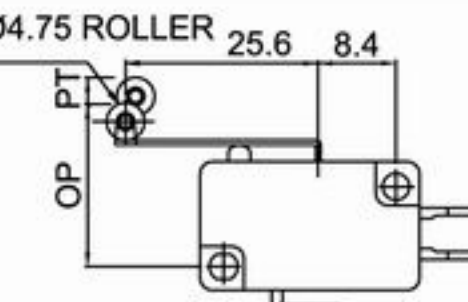
MOUNTING HOLES



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	8.4	03	01	D	A	0	S.P.D.T	B	BLACK	Z
	P1	0.1A ; 125/250 VAC				00		B	1	S.P.S.T. NO			
	03	3A ; 125/250 VAC				02		C	2	S.P.S.T. NC			
	10	10A ; 125/250 VAC				03		D					
	15	15A ; 16(4)A ; 125/250 VAC				04		E					
	16A	125/250 VAC				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	1.20
		—	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