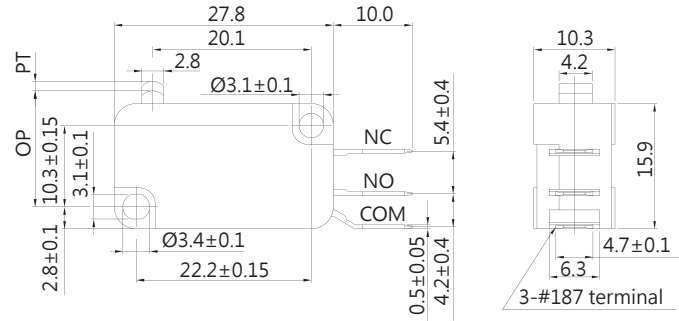


MICRO SWITCHES



DIMENSIONS

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



VK SERIES

SPECIFICATIONS

Contact Resistance(initial)

Max. 100 m Ω

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

Insulation Resistance (at 500 VDC / minute)

Min. 100 M Ω

Dielectric Strength

Min. 1000VAC(50-60HZ)/minute between Live parts.

Min. 1500VAC(50-60HZ)/minute between Live parts and dead metal parts

Operating Temperature Range

-40°C to 125°C (with no icing)

Vibration

10~55Hz, displacement 0.75 mm (p-p)

Electrical Service Life

0.1A - Min. 1,000,000 operations

Other ratings - Min. 6,000 operations

Electrical Operating Frequency

10~30 operations per minute

Mechanical Service Life

Min. 10,000,000 operations

Mechanical Operating Frequency

120 operations per minute

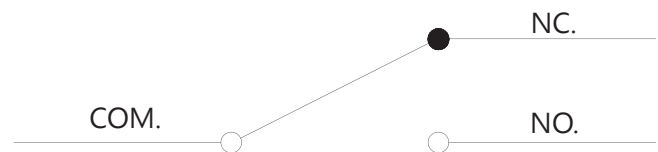
Operating application of the switch

Set the switch pushing distance from 60% to 90% of the specified OT value

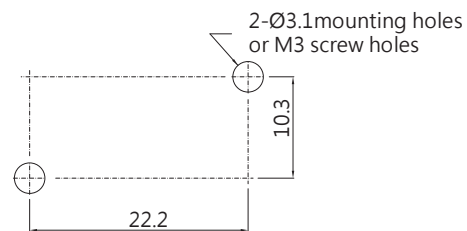
APPLICATIONS

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

CONTACT CONFIGURATION



MOUNTING HOLES



CERTIFICATE INFORMATION

Model Name	UL, cUL
VK-P1	0.1A 30VDC (Temp:120°C) 0.1A 125/250 VAC (Temp:120°C) Min. 6,000 operations
VK-03	3A 125/250 VAC (Temp:120°C) Min. 6,000 operations
VK-06	6A 125/250 VAC (Temp:120°C) Min. 6,000 operations
VK-10	10A 125/250 VAC (Temp:120°C) Min. 6,000 operations
VK-15	15A 125/250 VAC (Temp:120°C) Min. 6,000 operations

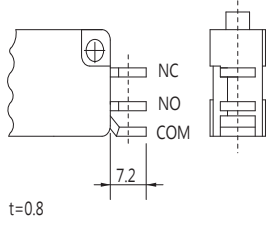
THE SELECTION OF RATING & FORCE

MODEL	Rating	B A	D C	N M	L K	S R	H G	SPECIFY H & G
VK	0.1A	*	*	*	*	*	*	
	3A		*	*	*	*	*	
	6A			*	*	*	*	
	10A				*	*	*	
	15A					*	*	*

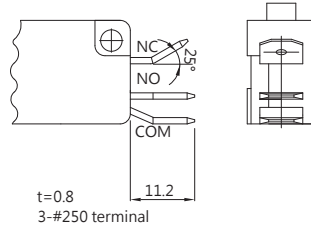
NOTE : The Symbol " * " to represent the result is accepted

TERMINAL TYPES

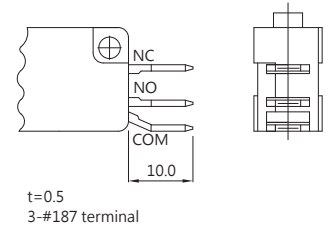
Solder terminal A TYPE



250 Terminal C TYPE



250 Terminal D TYPE

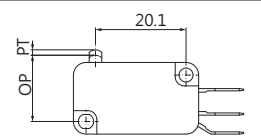
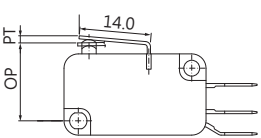
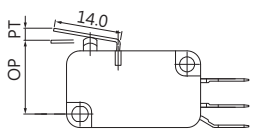
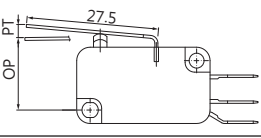
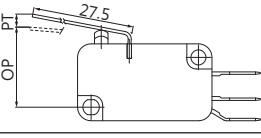
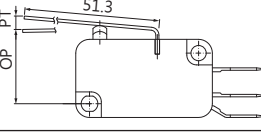
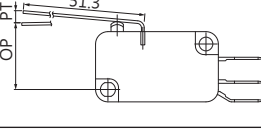
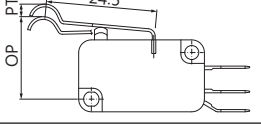
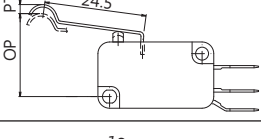
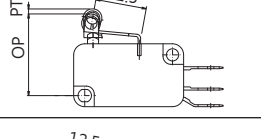
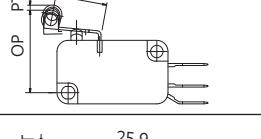
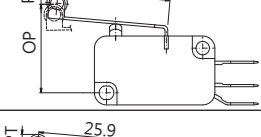
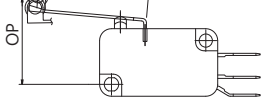


ORDERING INFORMATION

V	K	—	P	1	H	—	0	3	D	0	—	Z
SERIES PREFIX	C O D E	CURRENT RATING	C O D E	OPERATING FORCE	C O D E	ACTUATOR TYPE	C O D E	TERMINAL TYPE	C O D E	CIRCUIT ARRANGEMENT	ROHS CODE	
	P1	0.1A 125/250 VAC	B		00	No Lever	A	 SOLDER TERMINAL	0	S.P.D.T		
	03	3A 125/250 VAC	D		01		C		 250 SERIES	1	S.P.S.T. NO	
	06	6A 125/250 VAC	N		02		D	 187 SERIES		2	S.P.S.T. NC	
	10	10A 125/250 VAC	L		03							
	15	15A 125/250 VAC	S		04							
			H									
			A									
			C									
			M									
			K									
			R									
			G									

#NOTE		
ITEM	RATING CURRENT	OPERATING FORCE
1	Code : P1	ALL
2	Code : 03	D, N, L, S, H, C, M, K, R, G,
3	Code : 06	N, L, S, H, M, K, R, G
4	Code : 10	L, S, H, K, R, G
5	Code : 15	S, H, R, G, SPECIFY H&G

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				
VK-□□□□-00□□-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				
VK-□□□□-01□□-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				
VK-□□□□-02□□-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				
		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				
VK-□□□□-03□□-Z		B	D	N	L	S	H	SPECIFY H	15.3±2.5	7.60	3.00	1.20
		6	13	25	30	49	70	120				
		A	C	M	K	R	G	SPECIFY G	15.3±4.3	10.0	5.00	1.70
		-	8	15	20	30	35	50				
VK-□□□□-04□□-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				
		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				
VK-□□□□-05□□-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				
		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				
VK-□□□□-06□□-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				
		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				