



V3 SERIES (Micro-Disconnection-Gap < 3mm)

SPECIFICATIONS

Contact Resistance(initial)

Max. 30 mΩ

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

Insulation Resistance (at 500 VDC / minute)

Min. 100 MΩ

Dielectric Strength

1000 VAC(50~ 60 Hz)

Storage Temperature Range

-25°C to 85°C (with no icing)

Storage Humidity

At 40°C , Max. 85% R.H

Operating Temperature Range

-40°C to 125°C (with no icing)

Vibration

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

Electrical Service Life

All ratings-Min. 10,000 operations

Electrical Operating Frequency

All ratings-10~30 operations per minute

Mechanical Service Life

Min. 5,000,000 operations

Mechanical Operating Frequency

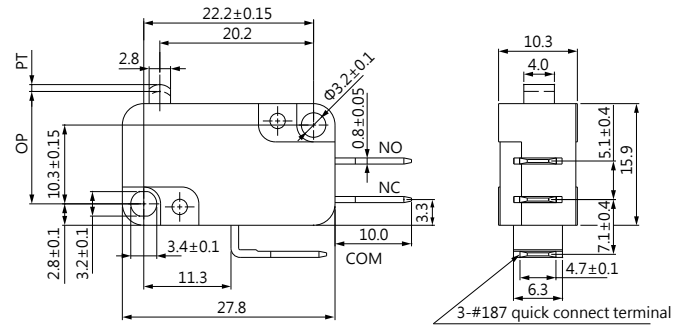
120 operations per minute

APPLICATIONS

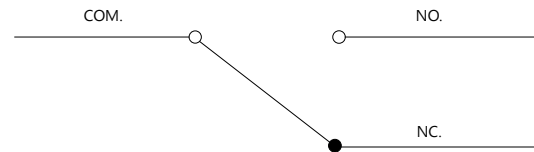
Joystick, TV game, Time Recorder, Air Conditioner, Food Processor, Juice Maker, Alarm, Mixer, Shredder Machine, Power Tool..

DIMENSIONS

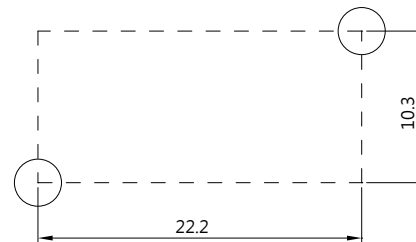
Unless otherwise specified, a tolerance of ±0.4mm applies to all dimensions.



CONTACT CONFIGURATION



MOUNTING HOLES



CERTIFICATE INFORMATION

Model Name	UL, cUL	ENEC14
V3-10	10.1A or 1/2HP 125/250VAC (Temp:100°C) Min. 6,000 operations	10(4)A 125/250VAC, μT100 1E4
V3-16	16A or 1/2HP 125/250VAC (Temp:125°C) Min. 6,000 operations	16(4)A 125/250VAC, μT125 1E4
V3-20	20.1A or 1/2HP 125/250VAC (Temp:100°C) Min. 6,000 operations	20.1A 125/250VAC, μT125, 1E4 10.1(8)A 125/250VAC, μT125, 1E4
V3-25	25A or 1/2HP 125/250VAC (Temp:100°C) Min. 6,000 operations	25.1A 125/250VAC, μT125, 1E4 10.1(8)A 125/250VAC, μT125, 1E4

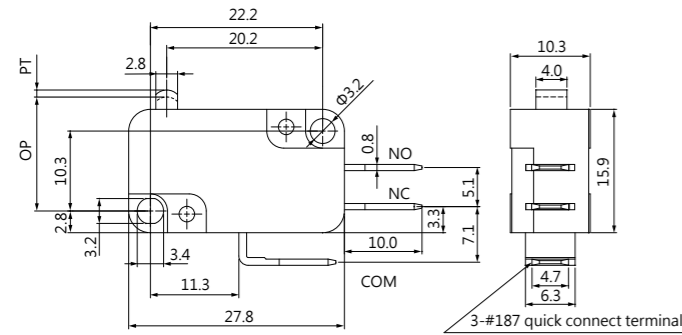
THE SELECTION OF RATING & FORCE

MODEL	Rating	L	S	H
V3	10A, 10(4) A	*	*	*
	16A, 16(4) A	*	*	*
	20.1 A	*	*	*
	25 A	*	*	*
	10.1(8)A	*	*	*

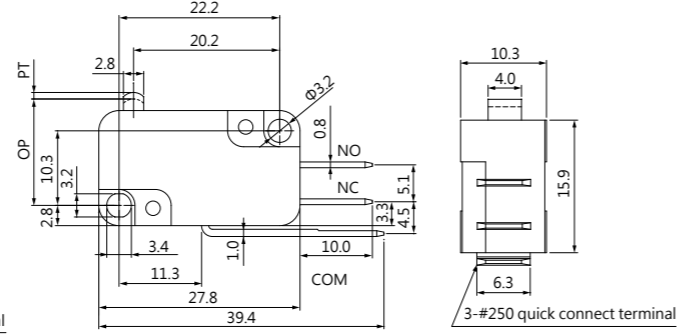
NOTE : The Symbol " * " to represent the result is accepted

TERMINAL TYPES

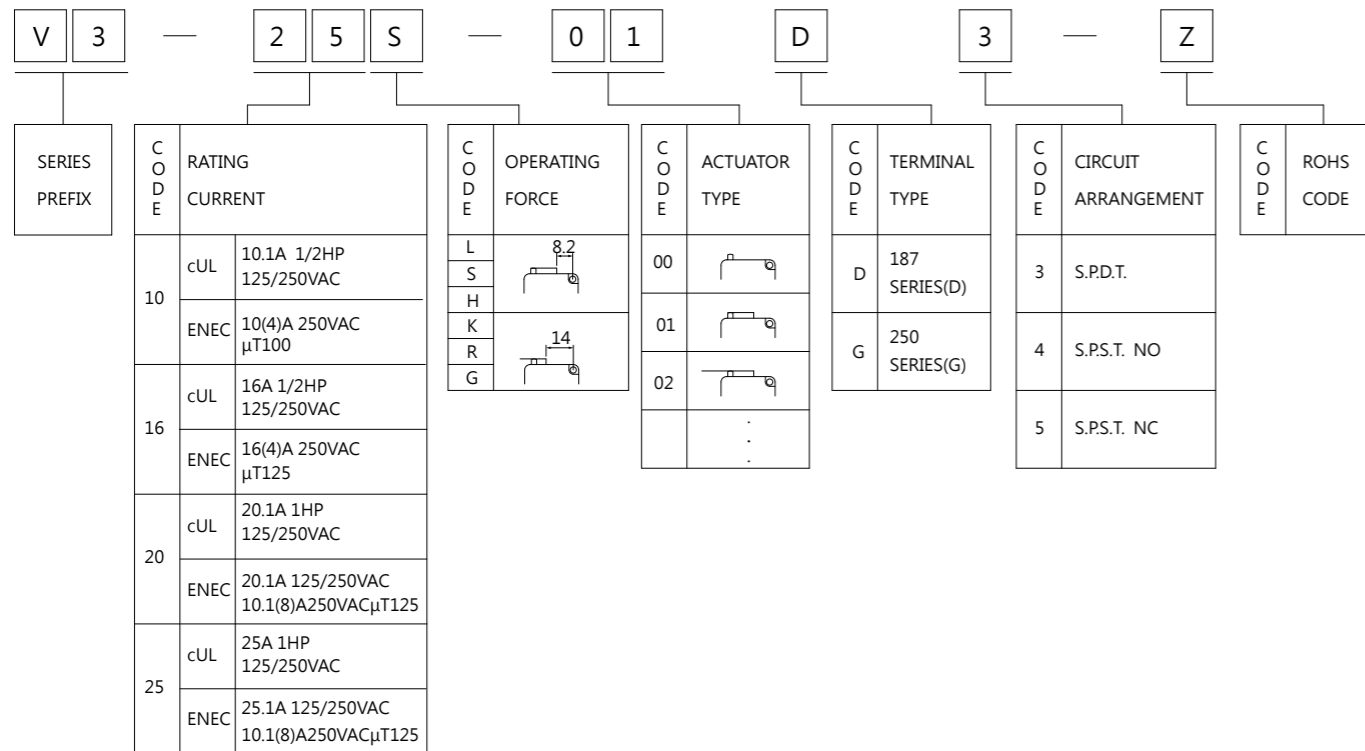
D TYPE



G TYPE



ORDERING INFORMATION



OPERATING CHARACTERISTICS

SWITCH TYPE	PART SUFFIX	OF Max. (gf)			OP (mm)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)
		L	S	H				
		K	R	G				
V3- □□□ -00 □□ -Z		150	373	505	14.7±0.5	1.3	1.3	0.12
V3- □□□ -01 □□ -Z		145	316	435	15.4±0.8	2.0	0.70	0.2
V3- □□□ -02 □□ -Z		75	188	226	15.8±1.5	3.5	1.5	0.3
V3- □□□ -03 □□ -Z		45	82	117	16.6±2.3	6.0	3.0	0.6
V3- □□□ -04 □□ -Z		40	98	135	16.0±2.82	7.5	4.0	1.0
V3- □□□ -05 □□ -Z		75	188	226	15.8±1.5	3.5	1.5	0.3
V3- □□□ -06 □□ -Z		45	82	117	16.6±2.3	6.0	3.0	0.6
V3- □□□ -05 □□ -Z		160	358	505	20.7±0.7	1.5	1.0	0.15
V3- □□□ -05 □□ -Z		95	187	358	21.2±1.0	2.5	2.0	0.2
V3- □□□ -06 □□ -Z		80	160	240	21.0±1.2	3.0	1.7	0.25
V3- □□□ -06 □□ -Z		50	87	124	21.9±2.2	5.0	4.5	0.35