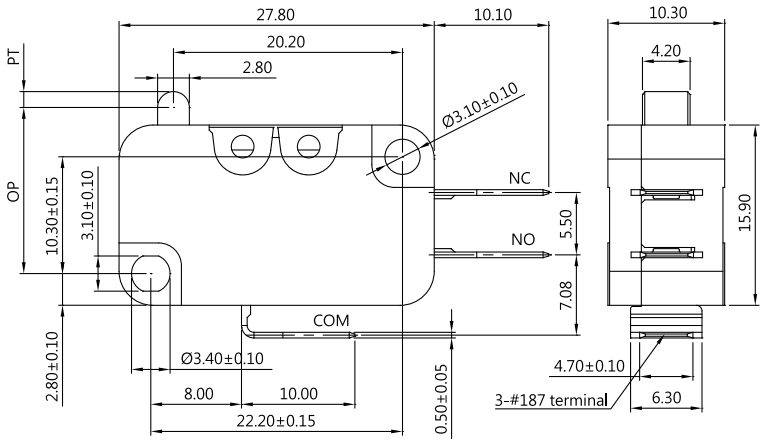
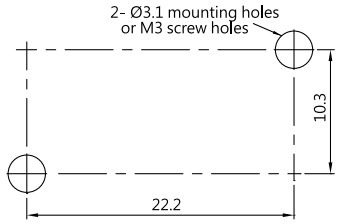
DIMENSIONS

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



VA2 SERIES

MOUNTING HOLES



SPECIFICATIONS

Contact Resistance(initial)
Max. 100 mΩ
Measured by ohm meter - open voltage < 1VDC, driver current -100 mA

Insulation Resistance (at 500 VDC / minute)
Min. 100 MΩ

Dielectric Strength
Min. 500VAC(50-60HZ)/minute between Live parts.
Min. 1500VAC(50-60HZ)/minute between Live parts and dead metal parts

Operating Temperature Range
-40℃ to 125℃ (with no icing)

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

Electrical Service Life
Min. 10,000 operations

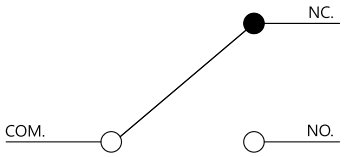
Electrical Operating Frequency
10~30 operations per minute

Mechanical Service Life
Min. 1,000,000 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

CONTACT CONFIGURATION



APPLICATIONS

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

CERTIFICATE INFORMATION

Model Name	UL、cUL	ENEC
VA2-P1	0.1RA 125/250VAC μT125 1E4	0.1A 125/250VAC μT125 1E4
VA2-03	3RA 125/250VAC μT125 1E4	3A 125/250VAC μT125 1E4
VA2-06	6RA 125/250VAC μT125 1E4	6A 125/250VAC μT125 1E4
VA2-10	10RA 125/250VAC μT125 1E4	10(4)A 125/250VAC μT125 1E4
VA2-16	16RA 16GPA 125/250VAC μT125 1E4 1/2HP 125/250VAC μT55 1E4	16(4)A125/250VAC μT125 1E4
VA2-20	20RA 125/250VAC μT125 1E4 1/2HP 125/250VAC μT55 1E4	20A 125/250VAC μT125 1E4
VA2-26	26RA 125/250VAC μT55 1E4	26A 125/250VAC μT55 1E4
VA2-A03	3GPA 125/250VAC μT85 1E4	3A 125/250VAC μT85 1E4
VA2-A06	6GPA 125/250VAC μT85 1E4	6A 125/250VAC μT85 1E4
VA2-T6	6RA 125/250VAC μT200 1E4	6A 125/250VAC μT200 1E4

THE SELECTION OF RATING & FORCE

MODEL	Rating	B	D	N	L	S	H	Q
VA2	0.1A	*	*	*	*	*	*	*
	3A	*	*	*	*	*	*	*
	6A		*	*	*	*	*	*
	10A 10(4)A				*	*	*	*
	16A 16(4)A				*	*	*	*
	20A					*	*	*
	26A							*
	6A T200					*	*	*

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

ORDERING INFORMATION

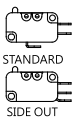
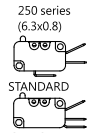
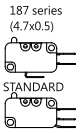
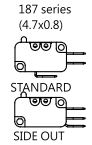
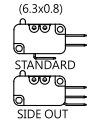
V	A	2	—	1	6	S	—	0	□	0	0	D	0	—	Z

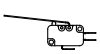
SERIES PREFIX

ROHS CODE

RATING CURRENT		
CODE	P1 *	03
RATING	0.1A 125/250VAC T125	3A 125/250VAC T125
CODE	06	10 *
RATING	6A 125/250VAC T125	10A 10(4)A 125/250VAC T125
CODE	16	20
RATING	16A 16(4)A 125/250VAC T125	20A 125/250VAC T125
CODE	26	A03 *
RATING	26A 125/250VAC T55	3A 125/250VAC T85
CODE	A06 *	T6 *
RATING	6A 125/250VAC T85	6A 125/250VAC T200

CIRCUIT ARRANGEMENT			
CODE	0	1 **	2
CIRCUIT	S.P.D.T	S.P.S.T NO	S.P.S.T NC

TERMINAL TYPE				
CODE	A **	C	D	E
IMAGE				
CODE	F *	H **	I **	J
IMAGE				
CODE	L	R		
IMAGE				

ACTUATOR TYPE			
CODE	0	01	02
IMAGE	NO LEVER		
CODE	03	04	
IMAGE			. . .

OPERATING FORCE				
CODE	Q	H	S	L
FORCE	HEAVIER	HEAVY	STANDARD	LIGHT
CODE	N	D	B	
FORCE	SLIGHT	LIGHTNESS	EXTREMELY LIGHTNESS	

EXTERIOR TYPE				
CODE	0	1	2	3 *
IMAGE				
CODE	4 *	5 *	6 *	7 *
IMAGE				
CODE	8 *			
IMAGE				

MOUNTING HOLES TYPE		
CODE		A
IMAGE		

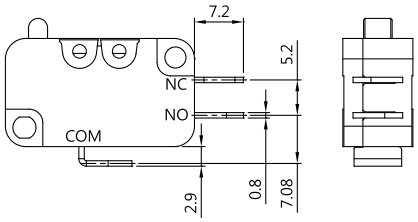
# NOTE		
ITEM	RATING CURRENT	OPERATING FORCE
1	Code:P1	ALL
2	Code:03	ALL
3	Code:06	D,N,L,S,H,Q
4	Code:10	L,S,H,Q
5	Code:16	L,S,H,Q
6	Code:20	S,H,Q
7	Code:26	Q
8	Code:A03	ALL
9	Code:A06	D,N,L,S,H,Q
10	Code:T6	S,H,Q

CAUTIONS

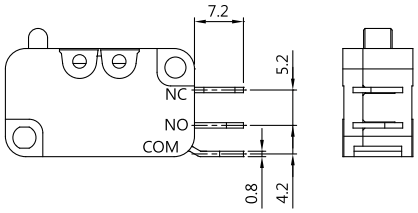
Scan the QR code or download
https://www.zippy.com/ecmodelcautions/micro_switch_cautions.pdf

TERMINAL TYPES

A TYPE

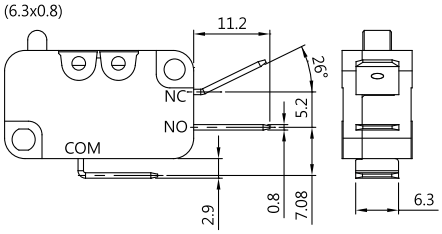


STANDARD

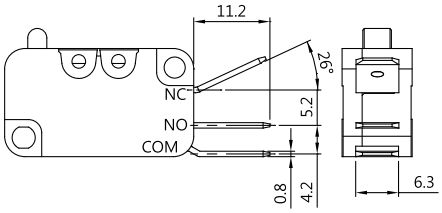


SIDE OUT

C TYPE
250 terminal
(6.3x0.8)

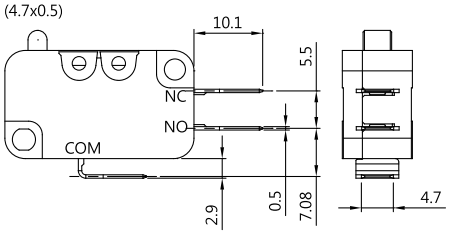


STANDARD

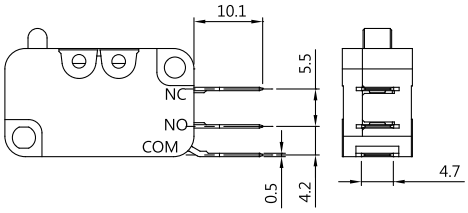


SIDE OUT

D TYPE
187 terminal
(4.7x0.5)

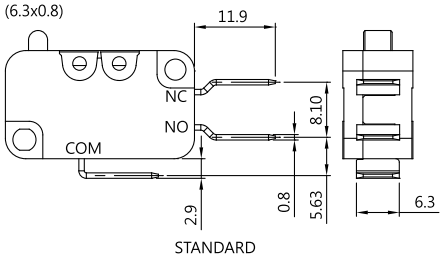


STANDARD



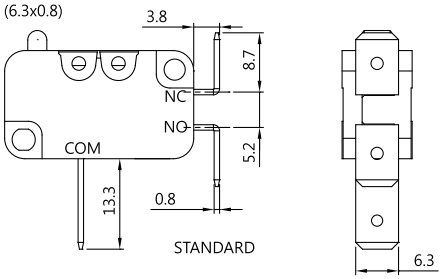
SIDE OUT

E TYPE
250 terminal
(6.3x0.8)



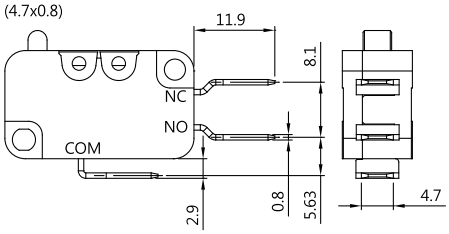
STANDARD

F TYPE
250 terminal
(6.3x0.8)



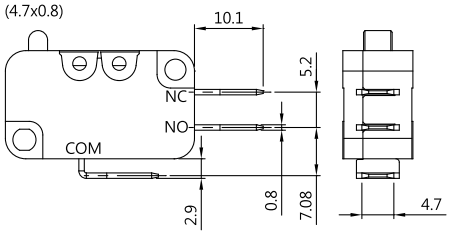
STANDARD

I TYPE
187 terminal
(4.7x0.8)



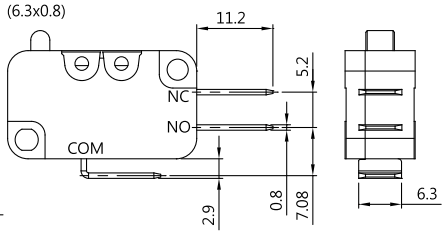
STANDARD

H TYPE
187 terminal
(4.7x0.8)



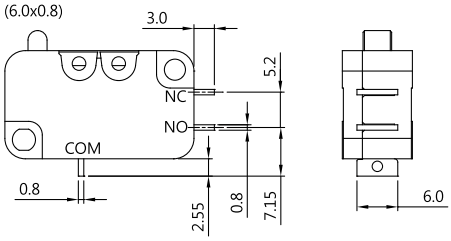
STANDARD

R TYPE
250 terminal
(6.3x0.8)

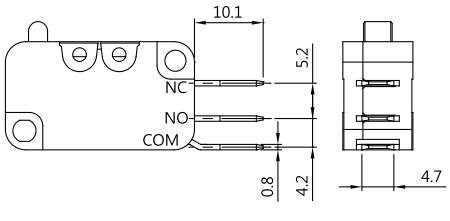


STANDARD

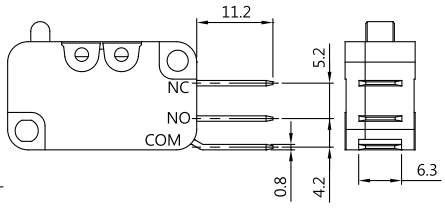
J TYPE
250 terminal
(6.0x0.8)



STANDARD

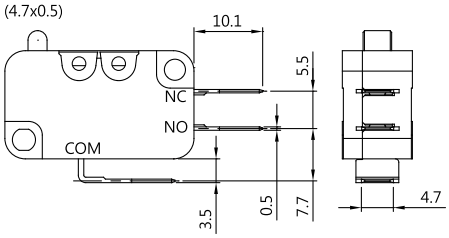


SIDE OUT



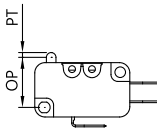
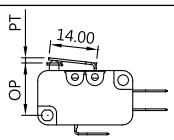
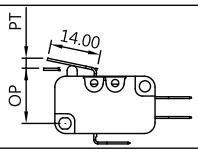
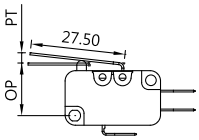
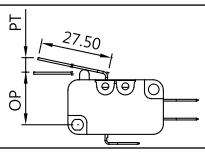
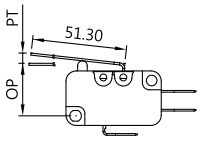
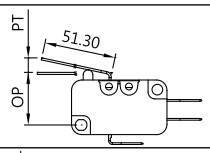
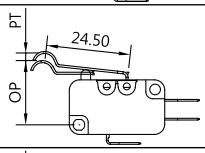
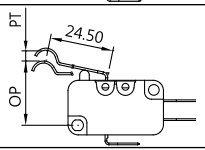
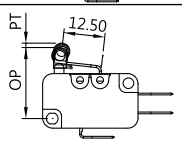
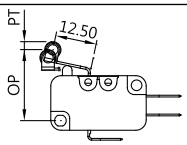
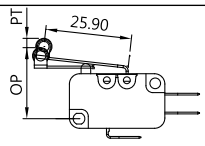
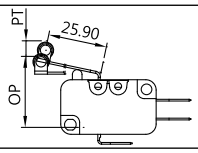
SIDE OUT

L TYPE
187 terminal
(4.7x0.5)



STANDARD

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	Q				
VA2-□□□ 0-00D0-Z		25	45	75	110	170	230	330	14.7±0.5	1.72	0.8	0.4
VA2-□□□ 1-01D0-Z		25	45	75	110	170	230	330	15.3±0.5	2.8	0.6	0.5
VA2-□□□ 2-01D0-Z		15	27	43	50	85	120	175	15.3±1.1	5.2	1.55	0.9
VA2-□□□ 1-02D0-Z		14	22	37	50	86	125	180	15.3±1.5	5.9	1.6	1.0
VA2-□□□ 2-02D0-Z		10	16	25	30	51	65	90	15.3±2.3	9.7	3.1	2.2
VA2-□□□ 1-03D0-Z		10	13	25	30	49	70	120	15.3±2.5	9.3	-	2.1
VA2-□□□ 2-03D0-Z		7	8	15	20	30	35	50	15.3±4.3	16.2	-	3.5
VA2-□□□ 1-04D0-Z		17	28	43	65	110	140	205	18.7±1.5	5.5	1.4	1.1
VA2-□□□ 2-04D0-Z		11	16	24	35	56	70	100	18.7±2.1	8.7	3.2	1.7
VA2-□□□ 1-05D0-Z		30	55	80	110	170	230	330	20.7±0.8	2.7	0.6	0.45
VA2-□□□ 2-05D0-Z		18	35	55	70	100	120	175	20.7±1.1	4.65	1.4	0.8
VA2-□□□ 1-06D0-Z		16	30	45	65	100	125	180	20.7±1.5	4.2	1.6	1.25
VA2-□□□ 2-06D0-Z		-	20	30	40	51	65	90	20.7±2.2	9.3	2.8	1.8