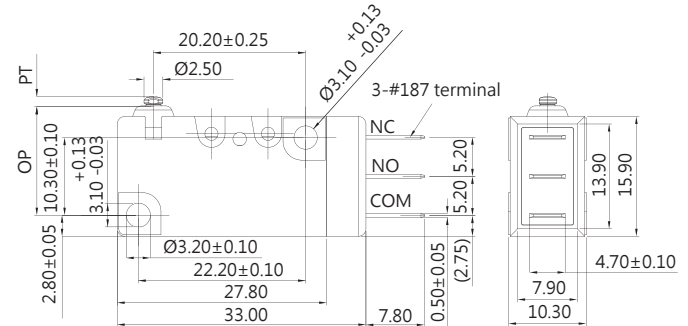


DIMENSIONS

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


VW1 SERIES

SPECIFICATIONS
Contact Resistance (initial)

 Max. 300m Ω

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

Insulation Resistance (at 500VDC/minute)

 Min. 100M Ω
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°C to 85°C (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

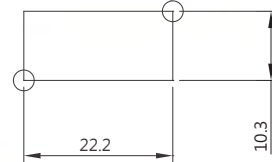
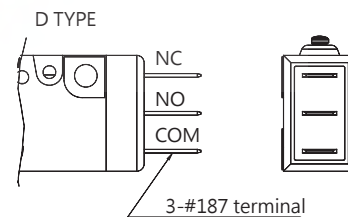
120 operations per minute

Operating application of the switch

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

CONTACT CONFIGURATION

MOUNTING HOLES

 2- $\varnothing 3.1$ mounting holes or M3 screw holes

TERMINAL TYPES

TYPICAL APPLICATIONS

Alarm devices, Home Security, HEVAC, Small Household Appliances, Lawnmowers, Industrial, Special Forklifts and Vehicles

THE SELECTION OF RATING & FORCE

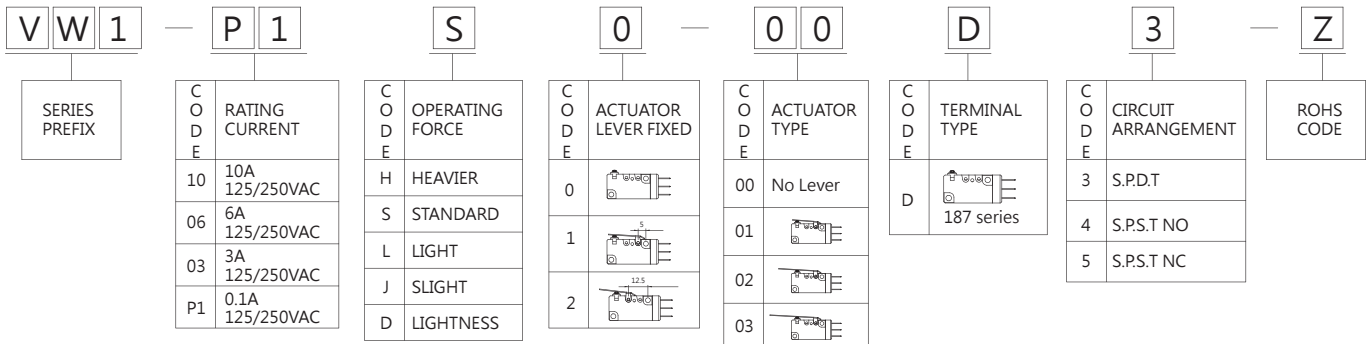
MODEL	Rating	D	J	L	S	H
VW1	0.1A	*	*	*	*	*
	3A	*	*	*	*	*
	6 A	*	*	*	*	*
	10 A				*	*

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

CERTIFICATE INFORMATION

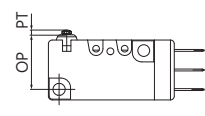
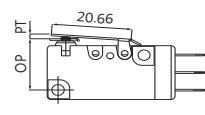
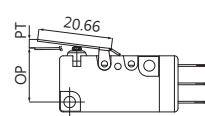
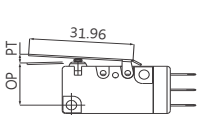
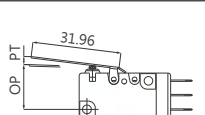
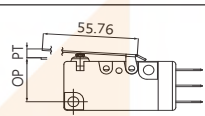
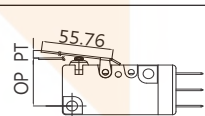
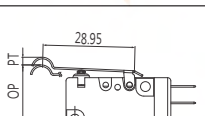
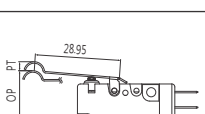
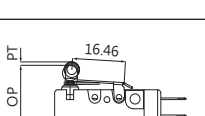
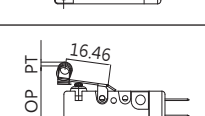
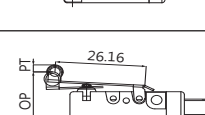
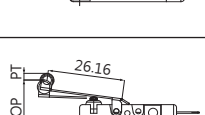
Model Name	UL	ENEC
VW1-P1	0.1RA 30VDC μ T85 1E4	0.1A 30VDC μ T85 1E4
	0.1RA 125/250VAC μ T85 1E4	0.1A 125/250VAC μ T85 1E4
VW1-03	3RA 30VDC μ T85 1E4	3A 30VDC μ T85 1E4
	3RA 125/250VAC μ T85 1E4	3A 125/250VAC μ T85 1E4
VW1-06	5RA 30VDC μ T85 1E4	5A 30VDC μ T85 1E4
	6RA 125/250VAC μ T85 1E4	6A 125/250VAC μ T85 1E4
VW1-10	5RA 30VDC μ T85 1E4	5A 30VDC μ T85 1E4
	10RA 125/250VAC μ T85 1E4	10A 125/250VAC μ T85 1E4

ORDERING INFORMATION

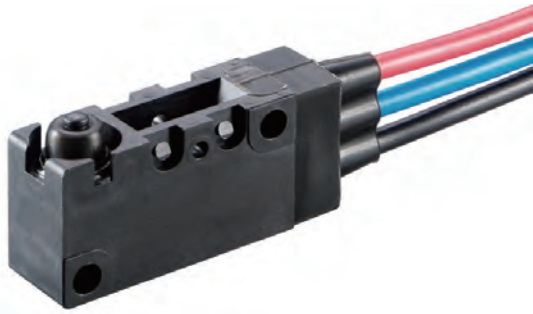


#NOTE		
ITEM	RATING CURRENT	OPERATING FORCE
1	Code : P1	H, S, L, J, D
2	Code : 03	H, S, L, J, D
3	Code : 06	H, S, L, J, D
4	Code : 10	H, S

OPERATING CHARACTERISTICS

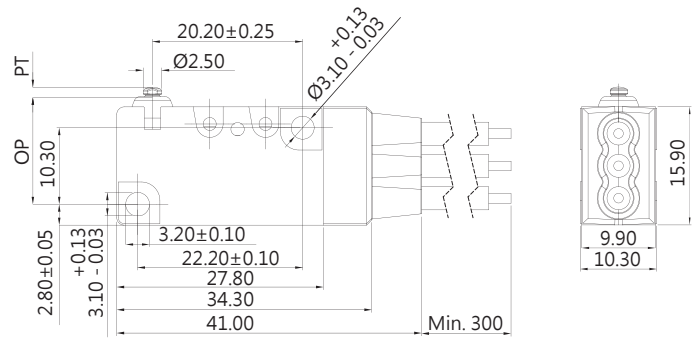
SWITCH TYPE	PART SUFFIX	OF Max. (gf)					OP (mm)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)
		D	J	L	S	H				
VW1- □□□ 0-00 □□ -Z		50	100	150	200	300	14.7 ± 0.4	1.2	1.0	0.4
VW1- □□□ 1-01 □□ -Z		45	85	125	160	255	15.1 ± 0.6	2.6	1.1	0.6
VW1- □□□ 2-01 □□ -Z		25	55	75	90	145	15.0 ± 1.1	5.1	1.2	1.1
VW1- □□□ 1-02 □□ -Z		30	60	85	110	160	14.8 ± 0.8	4.0	1.5	0.9
VW1- □□□ 2-02 □□ -Z		20	40	60	75	110	14.5 ± 1.6	8	2.4	1.8
VW1- □□□ 1-03 □□ -Z		20	40	55	70	100	H force:			
							12.4 ± 2.0	7.0	-	2.5
VW1- □□□ 2-03 □□ -Z		15	28	40	50	70	H force:			
							11.9 ± 3.3	16.5	-	3.0
VW1- □□□ 1-04 □□ -Z		36	65	95	125	185	D, J, L, S force:			
							13.4 ± 2.0	7.0	-	2.0
VW1- □□□ 2-04 □□ -Z		20	45	60	75	110	H force:			
							11.9 ± 3.3	16.5	-	3.0
VW1- □□□ 1-05 □□ -Z		55	100	150	200	300	20.6 ± 0.5	2.1	1.0	0.5
VW1- □□□ 2-05 □□ -Z		30	65	98	150	175	20.4 ± 0.9	4.2	1.2	0.9
VW1- □□□ 1-06 □□ -Z		40	70	105	130	195	20.4 ± 0.7	3.3	1.3	0.7
VW1- □□□ 2-06 □□ -Z		25	43	60	70	105	20.2 ± 1.2	6.5	1.5	1.4

* There is another series of VW1 with MD reduced to 63%.



DIMENSIONS

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

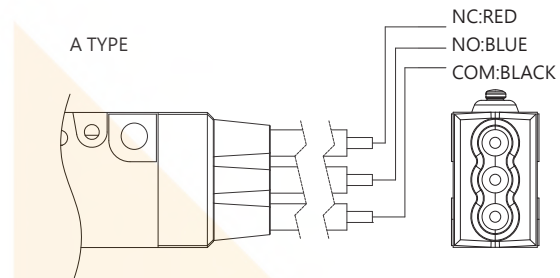


VW1 (IP67) SERIES

APPLICATIONS

Alarm devices, Home Security, HEVAC, Small Household Appliances, Lawnmowers, Industrial, Special Forklifts and Vehicles

TERMINAL TYPES



THE SELECTION OF RATING & FORCE

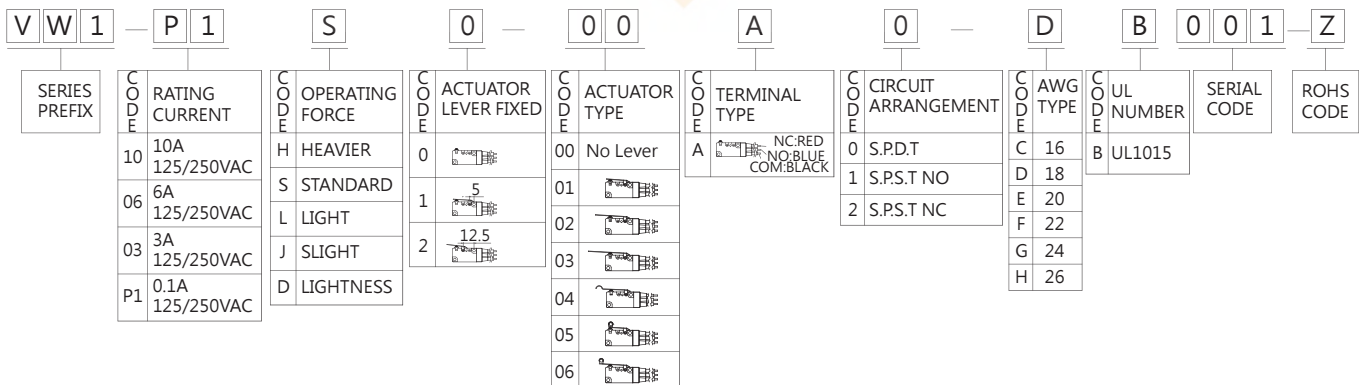
MODEL	Rating	D	J	L	S	H
VW1	0.1A	*	*	*	*	*
	3A	*	*	*	*	*
	6 A	*	*	*	*	*
	10 A				*	*

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

CERTIFICATE INFORMATION

Model Name	UL	ENEC
VW1-P1	0.1RA 30VDC μT55 1E4 0.1RA 125/250VAC μT55 1E4	0.1A 30VDC μT55 1E4 0.1A 125/250VAC μT55 1E4
VW1-03	3RA 30VDC uT55 1E4 3RA 125/250VAC μT55 1E4	3A 30VDC μT55 1E4 3A 125/250VAC μT55 1E4
VW1-06	5RA 30VDC μT55 1E4 6RA 125/250VAC μT55 1E4	5A 30VDC μT55 1E4 6A 125/250VAC μT55 1E4
VW1-10	5RA 30VDC μT55 1E4 10RA 125/250VAC μT55 1E4	5A 30VDC μT55 1E4 10A 125/250VAC μT55 1E4

ORDERING INFORMATION



#NOTE

ITEM	RATING CURRENT	OPERATING FORCE	AWG TYPE	LEADS WIRE
1	Code : P1	H, S, L, J, D	All	Min.30 cm
2	Code : 03	H, S, L, J, D	16, 18, 20	Min.30 cm
3	Code : 06	H, S, L, J, D	16, 18	Min.30 cm
4	Code : 10	H, S	16	Min.30 cm