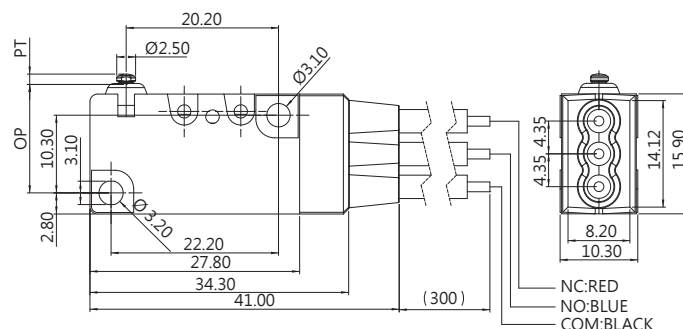
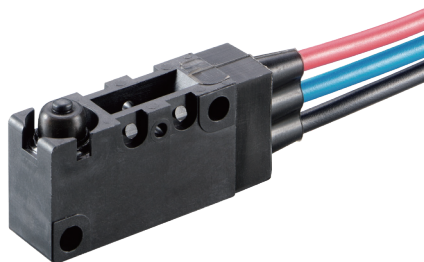


WATER PROOF SWITCHES

DIMENSIONS

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



VW1 (IP67) 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

1500VAC (50~ 60Hz)

Operating Temperature Range

-40°C to 85°C (with no icing)

Vibration

10~55Hz, displacement 1.5mm(p-p)

Electrical Service Life

0.1A - Min. 100,000 operations

3A - Min. 25,000 operations

6A ~ 10A - Min. 10,000 operations

Electrical Operating Frequency

10~30 operations per minute

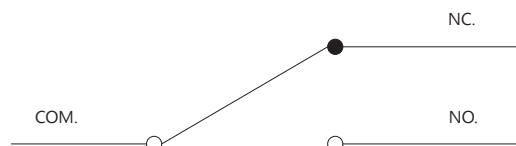
Mechanical Service Life

Min. 1,000,000 operations

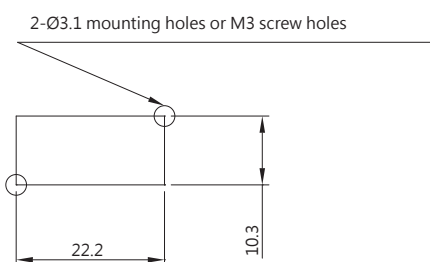
Mechanical Operating Frequency

120 operations per minute

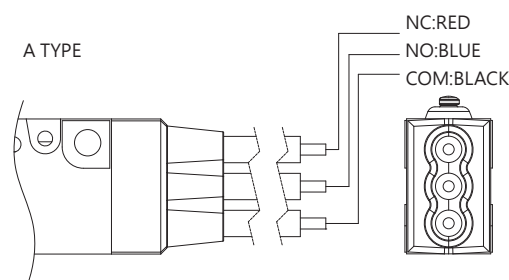
CONTACT CONFIGURATION



MOUNTING HOLES



TERMINAL TYPES



APPLICATIONS

Alarm devices, Home security, Time recorder, Air conditioner, Food processor, Juice maker, Lawnmowers, Mixer, Central water heater, Industrial apparatus, Special forklifts, Special vehicles

THE SELECTION OF RATING & FORCE

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

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

CERTIFICATE INFORMATION

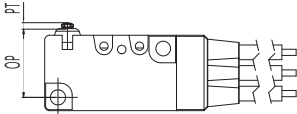
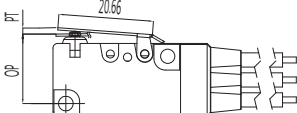
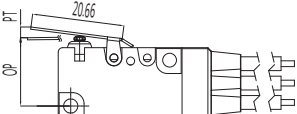
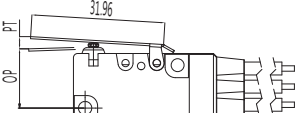
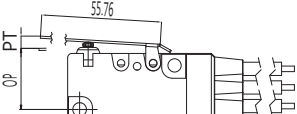
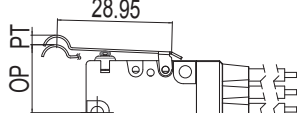
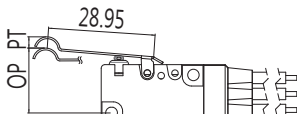
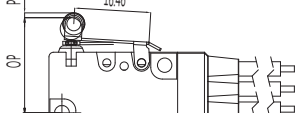
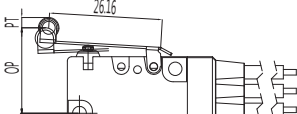
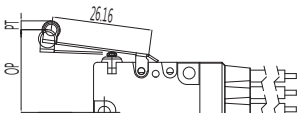
Model Name	UL	ENEC15
VW1-P1	0.1A 125/250VAC, 0.1A 30VDC,100,000 operations	0.1A 125/250VAC, 0.1A 30VDC, μ 1E4.
VW1-03	3A 125/250VAC, 3A 30VDC,25,000 operations	3A 125/250VAC, 3A 30VDC, μ 1E4.
VW1-06	6A 125/250VAC , 5A 30VDC, 10,000 operations	6A 125/250VAC, 5A 30VDC, μ 1E4.
VW1-10	10A 125/250VAC, 5A 30VDC, 10,000 operations	10A 125/250VAC, 5A 30VDC, μ 1E4.

ORDERING INFORMATION

V	W	1	—	0	6	S	0	—	0	0	A	0	—	D	B	0	0	1	—	Z										
SERIES PREFIX		CODE	RATING CURRENT			CODE	OPERATING FORCE		CODE	ACTUATOR LEVER FIXED		CODE	ACTUATOR TYPE		CODE	TERMINAL TYPE		CODE	CIRCUIT ARRANGEMENT		CODE	AWG TYPE		CODE	UL NUMBER		SERIAL CODE		ROHS CODE	
		06	6A;125/250VAC			H	HEAVIER			0		00			A			0	S.P.D.T		C	16		B	UL1015					
		03	3A;125/250VAC			S	STANDARD			1		01					1	S.P.S.T NO												
		P1	0.1A;125/250VAC			L	LIGHT			2		02					2	S.P.S.T NC												
						J	SLIGHT					03																		
												04																		
												05																		
												06																		

V	W	1	—	1	0	S	0	—	0	0	A	0	—	C	B	0	0	1	—	Z										
SERIES PREFIX		CODE	RATING CURRENT			CODE	OPERATING FORCE		CODE	ACTUATOR LEVER FIXED		CODE	ACTUATOR TYPE		CODE	TERMINAL TYPE		CODE	CIRCUIT ARRANGEMENT		CODE	AWG TYPE		CODE	UL NUMBER		SERIAL CODE		ROHS CODE	
		10	10A;125/250VAC			H	HEAVIER			0		00			A			0	S.P.D.T		C	16		B	UL1015					
						S	STANDARD			1		01					1	S.P.S.T NO												
										2		02					2	S.P.S.T NC												
												03																		
												04																		
												05																		
												06																		

OPERATING CHARACTERISTICS

SWITCH TYPE	PART SUFFIX	OF Max. (gf)		OP (mm)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)
VW1- □□□ 0-00A0- □ B00 □ -Z		H	300	14.7±0.4	1.2	1.0	0.4
		S	200				
		L	150				
		J	100				
VW1- □□□ 1-01A0- □ B00 □ -Z		H	255	15.1±0.6	2.6	1.1	0.6
		S	160				
		L	125				
		J	85				
VW1- □□□ 2-01A0- □ B00 □ -Z		H	-	15.0±1.1	5.1	1.2	1.1
		S	-				
		L	90				
		J	--				
VW1- □□□ 1-02A0- □ B00 □ -Z		H	160	14.8±0.8	4.0	1.5	0.9
		S	110				
		L	85				
		J	60				
VW1- □□□ 1-03A0- □ B00 □ -Z		H	100	12.4±2.0	7.0	-	2.5
		S	70	13.4±2.0	7.0	-	2.0
		L	55				
		J	40				
VW1- □□□ 1-04A0- □ B00 □ -Z		H	-	18.1±0.8	3.6	1.7	1.0
		S	125				
		L	-				
		J	-				
VW1- □□□ 2-04A0- □ B00 □ -Z		H	-	16.7±1.5	7.2	2.1	1.7
		S	75				
		L	-				
		J	-				
VW1- □□□ 1-05A0- □ B00 □ -Z		H	-	20.6±0.5	2.1	1.0	0.5
		S	200				
		L	-				
		J	-				
VW1- □□□ 1-06A0- □ B00 □ -Z		H	195	20.4±0.7	3.3	1.3	0.7
		S	130				
		L	-				
		J	70				
VW1- □□□ 2-06A0- □ B00 □ -Z		H	105	20.2±1.2	6.5	1.5	1.4
		S	70				
		L	-				
		J	-				

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