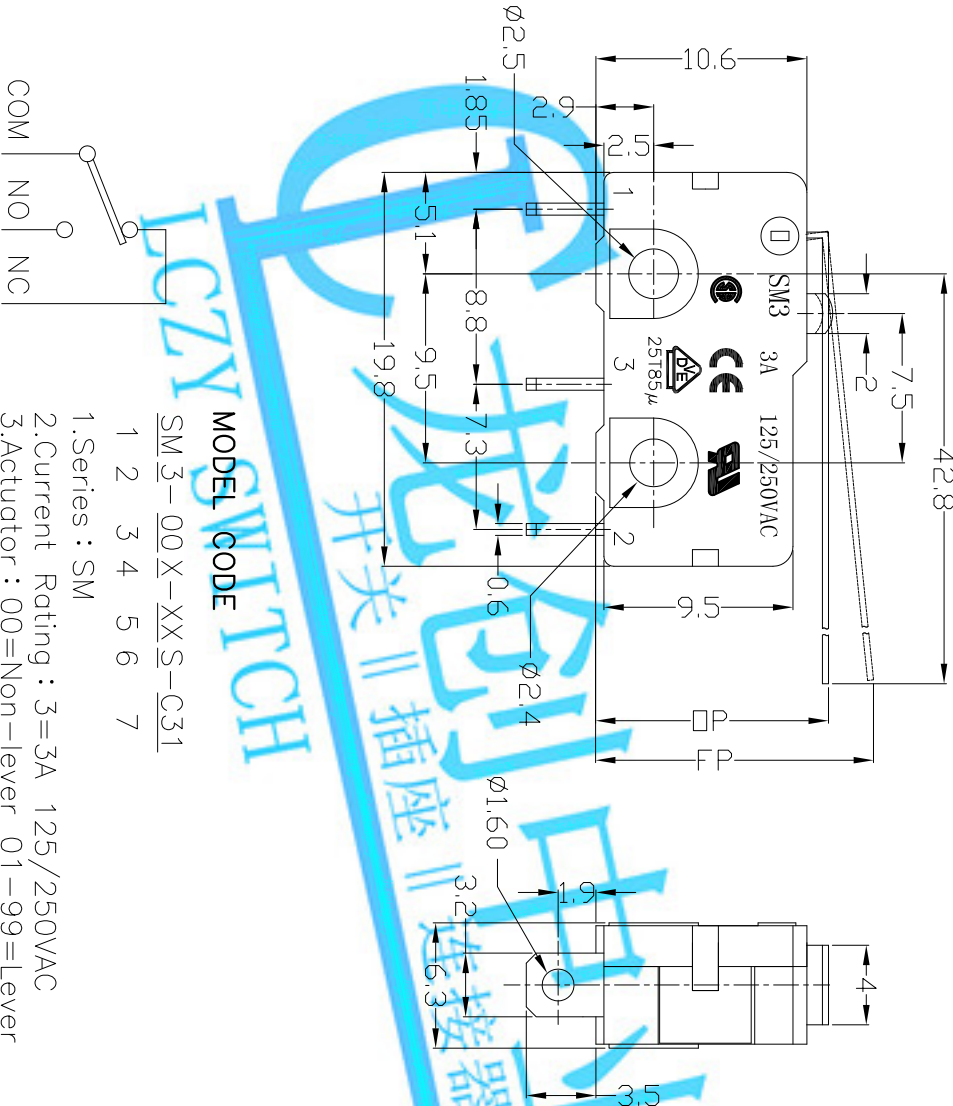


DIMENSIONS



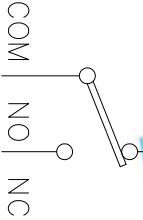
MODEL CODE

SM 3-00 X-XX S-C31

1 2 3 4 5 6 7

- 1.Series : SM
- 2.Current Rating : 3=3A 125/250VAC
- 3.Actuator : 00=Non-lever 01=99=Lever
- 4.Termination : see chart (N/P/C/D)
- (2=SPST-NO / 3=SPST-NC)
- 5.Operating Force : see chart
- 6.Spring Material:S=SUS304
- 7.Contact type: C31=3Amps Contact

CIRCUIT DIAGRAM



1.Functional spec

1.1 Rated Voltage(AC)	125/250VAC
1.2 Rated Current(AC)	3A
1.3 Contact Resistance	$\leq 100m\Omega$ (initial value)
1.4 Operating Force	$14 \pm 6gf$ $20 \pm 8gf$ $25 \pm 12gf$
1.5 Bounce Time	
1.6 Free Position	$17.5 \pm 1.5mm$
1.7 Operating Position	$13.0 \pm 2.0mm$
1.8 Position Travel	
1.9 Return Force	

2.Reliable Rating

2.1 Mechanical Life	1,000,000 CYCLES
2.2 Electrical Life	10,000 CYCLES
2.3 Insulation Resistance	$\geq 100M\Omega$ DC500V
2.4 Withstand Voltage	AC1000V 1 minute
2.5 Soldering Technic	Hand Soldering
2.6 Operating Temper	$-25^{\circ}C \sim +85^{\circ}C$
2.7 Ambient Humidity Used	$<85\%RH$

Tolerance: ±0.2		UNITS mm		LONGCHUANG ZHONGYE (HK)CO.,LIMITED					
		MAT'L							
		SEE NOTE							
		FINISH							
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				Q'TY					
									
				APPD:					
				TITLE:		PART NO:			
				MICRO SWITCH SM3 SERIES		SM3-07N-XXS-C31			
				DR: Ricky 2017/4/11		DWG NO:			
				CHKD: Ricky 2017/4/11		ATD-07X-XXS-C31			
						SCALE SHEET		REV.	
						1:1 1/2		A	
								CUSTOMER DRAWING	