

Model and Description

LXW	5		
Model	Design No.	Actuator:	
		11D: Short spring plunger	11G1: Hinge roller lever
		11G2: Short hinge roller lever	11M: Panel mount plunger
		11N1: Hinge lever	11N2: Short hinge lever
		11Q1: Panel mount roller plunger	11Q2:Panel mount cross roller plunger
		11Z: Pin plunger	15B: Unidirectional short hinge roller lever
		15C: Slim spring plunger	15R: Low-force wire hinge lever
		15S: Roller leaf spring	15X: Leaf spring

Application

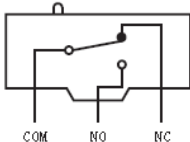
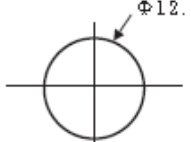
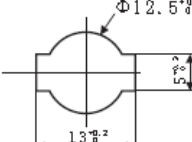
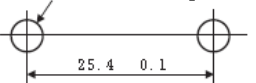
LXW-5 series microswitch is widely used in Food machinery, Automatic packaging machinery, Machine tool equipment, Conveying machinery, Automatic production line control, Light industry machinery etc.

Approved standards: GB 14048.5, IEC 60947-5-1.


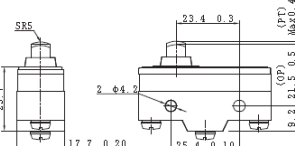
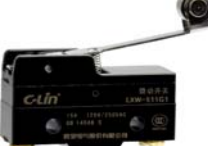
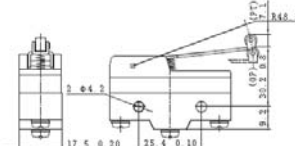

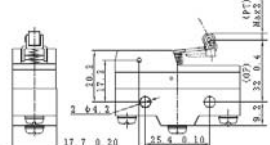

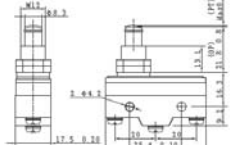

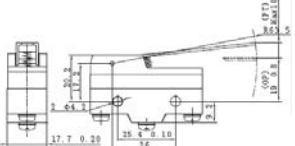

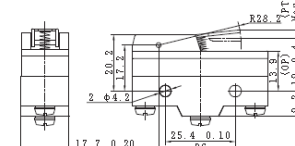

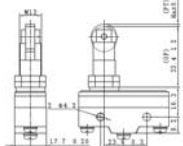

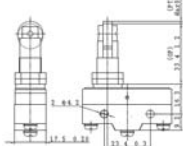

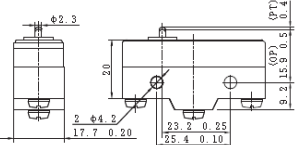

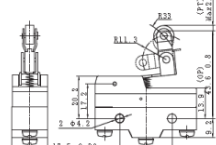


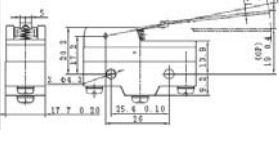

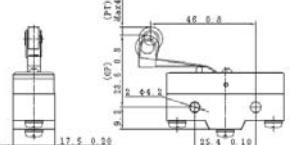

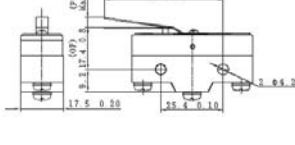
Specification

Operating speed	0.01mm~1m/s
Operating frequency	Mechanical: 240 operations/minute Electrical: 20 operations/minute
Contact resistance	15mΩ max.(Initial value)
Insulation resistance	100mΩ min.(at DC500V)
Conventional thermal current	15A
Electrical specification	AC380V, 220V/1.5A DC220V/0.3A
Dielectric strength	1890V, 50/60Hz 1min between terminals of the same polarity
	2500V, 50/60Hz 1min between each terminal and non-current-carrying metal parts
	2500V, 50/60Hz 1min between current-carrying metal parts and ground
Vibration resistance	Malfunction: 10Hz~55Hz, 1.5mm double amplitude
Shock resistance	Destruction: 1000m/S ² Malfunction: 300m/S ²
Ambient temperature	Ambient operation temperature: -10℃~+80℃ with no icing
Ambient humidity	Ambient operation humidity: 90% max.
Life expectancy	Mechanical: 10,000,000 operations min.
	Electrical: 200 000 operations min.

Contact Form & Mounting

1NC & 1NO	Panel mount plunger & Panel mount roller plunger		Mounting
			

Dimensions

LXW-511D				LXW-511G1			
							
OF max.	PT max.	OT min.	OP	OF max.	PT max.	OT min.	OP
3.4N(0.35kgf)	0.4mm	1.6mm	21.5±0.5mm	1N(0.1kgf)	7.1mm	4mm	30.2±0.8mm
LXW-511G2				LXW-511M			
							
OF max.	PT max.	OT min.	OP	OF max.	PT max.	OT min.	OP
1.6N(0.16kgf)	2.7mm	2.4mm	30.2±0.4mm	3.4N(0.35kgf)	0.4mm	5.6mm	21.8±0.8mm
LXW-511N1				LXW-511N2			
							
OF max.	PT max.	OT min.	OP	OF max.	PT max.	OT min.	OP
0.7N(0.07kgf)	10mm	5.6mm	19±0.8mm	1.6N(0.16kgf)	5mm	2mm	19±0.4mm
LXW-511Q1				LXW-511Q2			
							
OF max.	PT max.	OT min.	OP	OF max.	PT max.	OT min.	OP
3.4N(0.35kgf)	0.4mm	3.58mm	33.4±1.2mm	3.4N(0.35kgf)	0.4mm	3.58mm	33.4±1.2mm
LXW-511Z				LXW-515B			
							
OF max.	PT max.	OT min.	OP	OF max.	PT max.	OT min.	OP
3.4N(0.35kgf)	0.4mm	0.13mm	15.9±0.4mm	1.6N(0.16kgf)	2.7mm	2.4mm	43.1±0.8mm
LXW-515C				LXW-515R			
							
OF max.	PT max.	OT min.	OP	OF max.	PT max.	OT min.	OP
3.4N(0.35kgf)	0.1mm	1.6mm	28.2±0.5mm	1N(0.1kgf)	20mm	5.6mm	19±0.4mm
LXW-515S				LXW-515X			
							
OF max.	PT max.	OT min.	OP	OF max.	PT max.	OT min.	OP
3.0N(0.3kgf)	4mm	1.6mm	28.6±0.8mm	3.0N(0.3kgf)	4mm	1.6mm	17.4±0.8mm