

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

<p>1NC & 1NO</p>	<p>Panel mount plunger & Panel mount roller plunger</p>	<p>Mounting</p>
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Dimensions

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