

**Model and Description**

LX	19	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Model	Design No.	Actuator: 00: Top plunger 11: Roller lever, roller under the lever 12: Roller lever, roller above the lever 21: Fork roller lever, roller under the lever 22: Fork roller lever, roller above the lever 23: Fork roller lever, left roller under the Lever, right roller above the lever K: Without protecting cover	11: Roller lever, roller under the lever 13: Roller lever, roller in the lever 22: Fork roller lever, roller above the lever	1: Automatic reset 2: No reset

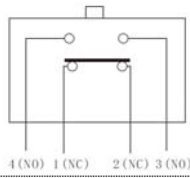
**Application and Feature**

LX-19 series limit switch is applied to the 50HZ/60HZ, 250VAC, 220VDC control circuits, works as travel control, limit control, motion direction or speed change, machine tool automatic control, etc.

Approved standards: GB14048.5 IEC60947-5-1.

**Specification**

Operating speed	0.5mm~0.5m/s
Operating frequency	Mechanical: 120 operations/minute Electrical: 30 operations/minute
Contact resistance	50mΩ max.(Initial value)
Insulation resistance	100mΩ min.(at DC500V)
Conventional thermal current	5A
Electric Parameter	AC380V/0.8A DC220V/0.1A
Dielectric strength	1890VAC, 50/60Hz 1min between terminals of the same polarity
	2500VAC, 50/60Hz 1min between each terminal and non-current-carrying metal parts
	2500VAC, 50/60Hz 1min between current-carrying metal parts and ground
Vibration resistance	Malfunction: 10Hz~55Hz, 1.5mm double amplitude
Shock resistance	Destruction: 1000m/S <sup>2</sup> Malfunction: 300m/S <sup>2</sup>
Ambient temperature	Ambient operation temperature: -5°C~+60°C with no icing
Ambient humidity	Ambient operation humidity: 90% max.
Life expectancy	Mechanical: 6,000,000 operations min.
	Electrical: 300 000 operations min.
Degree of protection	IP52

**Mounting and Contact form**

**Dimensions**

<b>LX19-001</b>  OF max. 16N(1.63kgf) PT max. 7mm OT min. 2mm	 OF max. 16N(1.63kgf) PT max. 7mm OT min. 2mm	<b>LX19-111</b>  OF max. 20N(2.04kgf) PT max. 45° OT min. 15°	 OF max. 20N(2.04kgf) PT max. 45° OT min. 15°
<b>LX19-121</b>  OF max. 20N(2.04kgf) PT max. 45° OT min. 15°	 OF max. 20N(2.04kgf) PT max. 45° OT min. 15°	<b>LX19-131</b>  OF max. 20N(2.04kgf) PT max. 45° OT min. 15°	 OF max. 20N(2.04kgf) PT max. 45° OT min. 15°
<b>LX19-212</b>  OF max. 20N(2.04kgf) PT max. 80° OT min. -	 OF max. 20N(2.04kgf) PT max. 80° OT min. -	<b>LX19-222</b>  OF max. 15N(1.53kgf) PT max. 80° OT min. -	 OF max. 15N(1.53kgf) PT max. 80° OT min. -
<b>LX19-232</b>  OF max. 20N(2.04kgf) PT max. 80° OT min. -	 OF max. 20N(2.04kgf) PT max. 80° OT min. -	<b>LX19-K</b>  OF max. 10N(1.02kgf) PT max. 3.5mm OT min. 0.5mm	 OF max. 10N(1.02kgf) PT max. 3.5mm OT min. 0.5mm