

LX-19 Series Limit Switch



Model and Description

LX	19			□ □	□
Model	Design No.	Actuator: 00: Top plunger 11: Roller lever, roller under the lever 12: Roller lever, roller above the lever 13: Roller lever, roller in 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			1: Automatic reset 2: No reset

Application and Feature

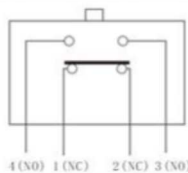
LX-19 series limit switch is applied to the 50HZ/60HZ, 250VAC, 220VDC control circuits, works as travel control, limit control, motion direction or speed change, machine tool automatic control, etc.

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

Specification

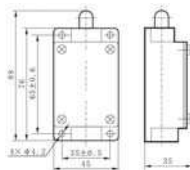
Operating speed	0.5mm~0.5m/s
Operating frequency	Mechanical: 120 operations/minute Electrical: 30 operations/minute
Contact resistance	50mΩ max.(Initial value)
Insulation resistance	100mΩ min.(at DC500V)
Conventional thermal current	5A
Electric Parameter	AC380V/0.8A DC220V/0.1A
Dielectric strength	1890VAC, 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	Malfuction: 10Hz~55Hz, 1.5mm double amplitude
Shock resistance	Destruction: 1000m/S ² Malfuction: 300m/S ²
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

LX19-001

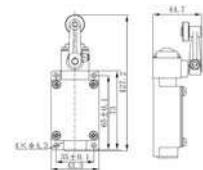


OF max.
16N(1.63kgf)

PT max.
7mm

OT min.
2mm

LX19-111

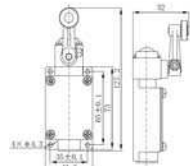


OF max.
20N(2.04kgf)

PT max.
45°

OT min.
15°

LX19-121



LX19-131

