

Model and Description

LXV	10			C2		
Model	Current: 10A	Actuator: None: Pin Plunger 1: Short hinge lever 2: Hinge lever 3: Long hinge lever 4: Simulated roller lever 5: Short hinge roller lever 6: Hinge roller lever		Contact form: 1: 1NO & 1NC 2: 1NO 3: 1NC	Terminal type	OF: 4: 100gf 5: 200gf 6: 300gf

Application

LXV series microswitch is widely used in household electric appliances (e.g. microwave oven, electric cooker, washing machine, audio equipment, warmer, drinking fountain, humidifier, disinfection cabinet etc.), commercial electric appliances(e.g. vending machine, game machine, electronic toys, electric power tool, copier, shredder etc.), machinery (e.g. transport machinery, printing machinery, textile machinery etc.) and others (e.g. the drive mechanism of the electric door, the release mechanism of some equipment etc.).

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

Specification

Operating speed	0.01mm~1m/s
Operating frequency	Mechanical: 120 operations/minute Electrical: 30 operations/minute
Contact resistance	< 15mΩ max. (Initial value)
Insulation resistance	100mΩ min (at DC500V)
Conventional thermal current	10A
Electrical specification	AC220V/1A DC220V/0.1A
Dielectric strength	1890V, 50/60Hz 1min between terminals of the same polarity
	2500V, 50/60Hz 1min between each terminal and no-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: 500m/S ² Malfunction: 200m/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: 100 000 operations min.

Contact Form & Mounting

1NC & 1NO	1NC	1NO	Mounting

Dimensions

LXV-10-1C25		LXV-101-1C25	
LXV-102-1C25		LXV-103-1C25	
LXV-104-1C25		LXV-105-1C25	
LXV-106-1C25			