

Model and Description

LX	D4C	□	□	□□
Model	Design No.	Rated load: 1:AC250V Ie: 1A DC220V Ie: 0.3 2:AC125V Ie: 0.1 DC30V Ie: 0.1	Cable specification: 2: VCTF oil-resistant cable(3m) 3: VCTF oil-resistant cable(5m) Remark: Cable is customizable	Actuator: 01: Pin plunger 02: Roller plunger 03: Cross roller plunger 20: Roller lever 31: Sealed pin plunger 32: Sealed roller plunger 33: Sealed cross roller plunger 50:Plastic rod spring 69: Coil spring

Application and Feature

LX-D4C series water-proof limit switch is applied to the 50HZ/60HZ,250VAC,220VDC control circuits or auxiliary circuits, works as control,limit,locate,travel,signal control and program conversion etc.

Approved standards:GB14048.5 IEC60947-5-1

Specification

Operating speed	1mm~1m/s
Operating frequency	Mechanical: 120 operations/minute
	Electrical: 20 operations/minute
Contact resistance	200mΩ max.(Initial value with 3m cable)
Insulation resistance	100mΩ min.(at DC500V)
Conventional thermal current	5A
Electric parameter	AC250V/1A DC220V/0.3A
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: 500m/S ² Malfunction: 200m/S ²
Ambient temperature	-10℃~+70℃ with no icing
Ambient humidity	90% max.
Life expectancy	Mechanical: 10,000,000 operations min.
	Electrical: 100 000 operations min.
Degree of protection	IP67

Mounting

Mounting	Wiring

Dimensions

LX-D4C-1220						LX-D4C-1231					
OF max.	RF min.	PT max.	OT min.	MD max.	OP	OF max.	RF min.	PT max.	OT min.	MD max.	OP
5.69N(0.58kgf)	1.47N(0.15kgf)	25°	3°	40°	-	17.65N(1.8kgf)	4.41N(0.45kgf)	1.8mm	0.2mm	3mm	24.9±1mm
LX-D4C-1232						LX-D4C-1233					
OF max.	RF min.	PT max.	OT min.	MD max.	OP	OF max.	RF min.	PT max.	OT min.	MD max.	OP
17.65N(1.8kgf)	4.41N(0.45kgf)	1.8mm	0.2m	3mm	34.3±1mm	17.65N(1.8kgf)	4.41N(0.45kgf)	1.8mm	0.2m	3mm	34.3±1mm
LX-D4C-1250						LX-D4C-1269					
OF max.	RF min.	PT max.	OT min.	MD max.	OP	OF max.	RF min.	PT max.	OT min.	MD max.	OP
1.47N(0.15kgf)	-	15°	-	-	-	1.47N(0.15kgf)	-	15°	-	-	-