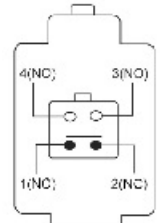


# LL3XCKP, LL3XCKT, LL3XCPR Limit Switch 行程开关



## 接触形式 Contact Type



## 特性

双回路型限位开关，价格经济  
外壳由特殊强化的塑料组成，结构坚固耐用  
体积小，可防水、防油  
内藏微动开关有双簧片结构，机械寿命更长  
具较大的OT动作  
容易配线的导管设计  
引动器种类多，方便使用，可随意调整所需的动作位置

## Specialty

two-circuit limit switch, the price is substantial. The reinforced plastic cover is sturdy and durable. It's small, waterproof and grease proofing. The inside micro switch which have combined spring to increase of mechanical life. The conduit is easy to contact with wire. There are variety of actuators, easy to use, the operation position can be adjust at random.

额定电压 rated voltage	非电感性负载 non-inductive load				电感性负载 inductive load			
	电阻性负载 resistance load		灯泡负载 lamp load		电感性负载 inductive load		马达负载 motor load	
	NC	NO	NC	NO	NC	NO	NC	NO
125VAC 250VAC	5 5	5 5	1.5 1	0.7 0.5	3 3	3 3	2 1.5	1 0.8
8 VDC 14 VDC 30 VDC 125 VDC 250 VDC	5 5 5 0.4 0.2	5 5 5 0.4 0.2	3 3 3 3	3 3 3 3	5 4 4 4	4 4 4 4	3 3 3 3	3 3 3 3
突入电流 inrush current	NC: < 24A NO: < 12A							

操作速度 operation speed	0.5mm~50cm/s
动作频率 operation frequency	mechanical: 120times/m 机械: 120次/分 electrical: 30times/m 电气: 30次/分
接点电阻 contact resistance	25mΩ (mm)(初期initial time)
绝缘电阻 insulation resistance	> 100MΩ (in 500VDC)
耐电压 voltage withstand	非连续端子间, 持续1分钟 In 1,000VAC and 50/60 Hz, between discrete terminal, lasting 1 min. 载电流和无载电流零件间, 端子和接地之间持续1分钟 In 1,500VAC and 50/60Hz, between charged part and non-charged part, and between terminal and earthing contact, lasting 1 min.
振动vibration	10~55HZ, 1.5mm双振幅(double amplitude)
冲击impact	机械耐久mechanical endurance: ≈ 1,000m/S <sup>2</sup> (about 100G'S) 误动作耐久misoperation endurance: ≈ .300m/S <sup>2</sup> (about 30G'S)
使用周温 ambient operating temperature	-10~+70℃
湿度humidity	< 95%RH
使用寿命useful life	机械mechanical: > 10,000,000times 电气electrical: > 500,000times
保护构造 protection structure	IEC standard: IP65

型号 mode	LL3XCKP2118P	LL3XCKP2145P LL3XCKP2139P	LL3XCKP2110P	LL3XCKP2102P LL3XCKP21H2P	LL3XCKP2121P	LL3XCKP2106P
	LL3XCKT2118P	—	LL3XCKT2110P	LL3XCKT2102P	LL3XCKT2121P	LL3XCKT2106P
OF 最大max	500g	450g	700g	700g	450g	150g
RF 最小min	50g	40g	150g	150g	80g	—
PT 最大max	18°~28°	18°~28°	2mm	2mm	4mm	30mm
OT 最小min	30°	30°	4mm	4mm	5mm	—
MD 最大max	14°	14°	0.8mm	0.8mm	1.6mm	—
OP	—	—	18 ± 0.5mm	28.2 ± 0.8mm	37 ± 0.8mm	—