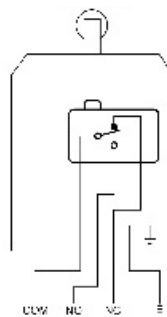


LL5XCM Limit Switch 行程开关



接触形式Contact Type



特性Specialty

该系列小型限位开关, 外壳由特种合金金属组成, 开关具有体积小、外形美观, 选用塑料材质为开关本体, 具有双重绝缘功能, 头部、本体和连接部件模块化, 可互换, 任意角度可调, 带线缆密封管进线及快速连接器, 触点模式有: NC+NO; NC+NC。

The cover of the limit switch is made of special alloying metal. This switch has a smart volume with beautiful appearance. It chooses the plastic material and owns the function of double insulated. The head, body and connection part can be exchanged. Which is convenient to be connected. Control circuit mode: NC+NO; NC+NC.

防护等级protection degree	IP67	
寿命life	机械的mechanical	1,000万次以上ten million times above
	电气的electrical	20万次以上two hundred thousand times above
操作速度operation speed	0.1mm~0.5m/s 1mm~1m/s	
操作频率operation frequency	机械的mechanical	120次/分(times/m)
	电气的electrical	30次/分(times/m)
绝缘电阻Insulation resistance	> 100MΩ (DC500V)	
接触电阻(初期值) contact resistance(Initial value)	< 300mΩ < 400mΩ	
耐电压 with stand voltage (50/60Hz1分钟)	同极端子间Between the terminals of same pole	AC 1,000V
	充电金属部间Between charged metal parts	AC 1,500V
	非充电金属部间Between non-charged metal parts	AC 1,500V
振动vibration	误动作misoperation	10~55Hz 复振幅(amplitude) 1.5mm
耐冲击 Impact	耐久durable	1,000m/s ² 以上
	误动作misoperation	500m/s ² 以上
该产品可组合成多回路控制器The product can serve as multi-circuit controller		

突入电流 inrush current	常闭NC	最大(max)20A
	常开NO	最大(max)10A
使用温度 ambient operating temperature		-10℃~+70℃
使用湿度 humidity		< 95%

额定电压 rated voltage (V)	无诱导负荷(A) without Induced load(A)				诱导负荷(a) induced load(a)			
	抵抗负荷 resisting load		不抵抗负荷 non-resisting load		诱导负荷 induced load		电动机负荷 load	
	常闭 NC	常开 NO	常闭 NC	常开 NO	常闭 NC	常开 NO	常闭 NC	常开 NO
AC125 250	5(0.1) 5		1.5 1	0.7 0.5	3 2	2.5 1.5	1.3 0.8	
DC	8	5(0.1)		2		5	4	3
	14	5(0.1)		2		4	4	3
	30	4(0.1)		2		3	3	3
	125	0.4		0.05				0.05
	250	0.2		0.03		0.4 0.2		0.03

型号mode	LL5XCM-A110 LL5XCM-F110	LL5XCM-A111	LL5XCM-A102 LL5XCM-F103	LL5XCM-A115	LL5XCM-A102 LL5XCM-F103
动作特性 operation speciality					
OF 最大(max)	700g	700g	700g	750g	700g
RF 最小(min)	100g	100g	100g	150g	100g
PT 最大(max)	1.5mm	1.5mm	1.5mm	25°	1.5mm
OT 最小(min)	3.5mm	3.5mm	3.5mm	40°	3.5mm
MD 最大(max)	0.15mm	0.15mm	0.15mm	3mm	0.15mm
OP	28.5±1mm	28±1mm	28.5±1mm	-	44.2±1mm
TT	5mm	5mm	5mm	5mm	5mm