



Characteristics

- Double-circuit limit switch, is widely used
- Firm aluminum alloy enclosure
- High mechanical strength
- Structure preventing oil, water and pressure
- Indicating plate with setting position is installed in it, so it is easy to maintain
- Kinds of actuators is taken convenience for using
- Built-in contact stand has double-lead, so it has long mechanical life

Rated number

Rated voltage	Nonelectrical carry				Electrical carry (A)			
	Resistance carry		Bulb carry		Electrical carry		Motor carry	
	NC	NO	NC	NO	NC	NO	NC	NO
125VAC	10	3	1.5	3	10	5	2.0	
250VAC	5	2	1	5	5	3	1.0	
480VAC	3	1.5	0.8	3	3	1.5	0.8	
600VAC	1	1	0.5	1.5	1.5	1	0.5	
8VDC	10	6	3	6	10	6		
14VDC	10	6	3	6	10	6		
30VDC	6	4	3	6	6	4		
125VDC	0.8	0.2	0.2	0.8	0.8	0.2		
250VDC	0.4	0.1	0.1	0.4	0.4	0.1		

Remarks: 1. Electrical carry: Power factor=0.4; Time constant=7msec.
2. The bulb carry current is 10 times as that in stable condition.
Motor carry current is 6 times as that in stable condition.

Contact way



Characteristics

Operation speed	1mm to 5m/S
Action frequency	Mechanically:120 times/minute Electrically:30 time/minute
Contact resistance	Under 15m (initial)
Insulation resistance	Under 100m (under 500VDC)
Bearing voltage	Non-contact end is 1,000vac,50/60Hz for one minute Current part and noncurrent parts and end and connect position:2,200Vvac,50/60Hz for one minute
Vibration	Action:10 to 55Hz 1.5mm pairs swing
Hitting	Machine:1,000m/Sec ² (about 100g s) Action:300m/Sec ² (about 100g s)
Ambient temperature	-10 to +80
Humidity	Max 95% RH
Serve life	Mechanically: 15,000,000 times above (at rated ot) Electrically:500,000 times above
Weight	About 275g
Protection structure	IEC specification:IP67

Action Characteristics

Models	CWLCA2-2	CWLD2	CWJCA12	CWLCL	CWLD	CWLNJ-30
OF Max.	1360g	2720g	1360g	142g	2720g	80g
RF Min.	227g	910g	227g	28g	910g	-
PT Max.	20°	1.7mm	20°	20°	1.7mm	28mm
OT Min.	30°	5.6mm	30°	30°	6.4mm	-
MD Max.	12°	1mm	12°	12°	1mm	-
TF Max.	2720g	-	2720g	200g	-	-
TT Min.	50°	6.5±0.8mm	50°	50°	OP:34±2.8mm	-

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