

# AC Contactor



## CLC1-K AC Contactor

### 1. Applications of **CLC1-K AC Contactor**:

CLC 1-K series AC contactor is suitable for using in the circuit up to the rate and frequent starting, controlling the AC motor. The addition of auxiliary contact group to the contactor, combined with the proper thermal relay, can act to protect the circuit bound to overload.

### 2. Specifications of **CLC1-K AC Contactor**:

Type	Rated working current A(380V)	AC-3 use group				Contact data (I)
		Control power KW				
		220V	380/415V	440/500V	660V	
CLC I-K06	6	1.5	2.2	3	3	3P+NC 3P+NO
CLC I-K09	9	2.2	4	4	4	3P+NC 3P+NO
CLC1-K12	12	3	5	5	5	3P+NC 3P+NO
Specification Type		KLC 1 -K06		KLC 1 -K09		KLC 1 -K 12
Use group under AC-3		6		9		12
Rated working current(Ie)A		5		7.5		10
Conventional thermal current(Ith)A		16		20		20
Rated working voltage(Ue)V		380 660				
Rated insulation voltage(Ui)V		690				
AC-3 (6Ie)	Electrical life(times)	0.5×10 <sup>6</sup>				
	Operation frequency h- 1	1200				
AC-4 (6Ie)	Electrical life(times)	10×10 <sup>4</sup>				
	Operation frequency- 1	300				

Mechanical life		3×10 <sup>6</sup>	
	Conventional thermal current		6A
Auxiliary contact	Electrical life	I AC-15(360VA)	0.5×10 <sup>6</sup>
	(times)	I DC-13(13W)	
	Rated control voltage(Us)		AC: 12,24,45,110,220,380 DC: 12,24,45,110,220
	Pick-up voltage		AC:0.85~1.1Us DC:0.85-1.1Us
	Release	Lang voltage	AC:0.1-0.75Us DC:0.2-0.75Us
Coil specification	Coil power VA	Pick-up	40
		Retain	4
	Consumption		1.2W
	Pick-up time		6~18ms
	Releasing time		5~23ms
	Power factor		Making 0.8 Breaking 0.3