

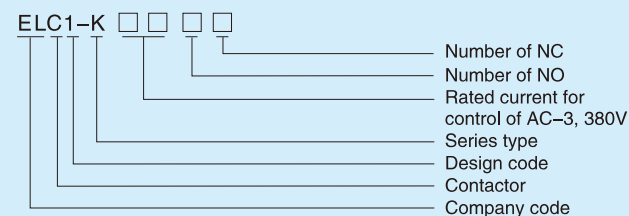


ELC1-K Series Contactors of Mini Type

Application

ELC1-K Series AC Contactor is used for long-distance making and breaking in circuit with frequency AC 50Hz or 60Hz, rated voltage up to 690V and rated current up to 12A. The product, in combination with suitable thermal overload protects overload circuit. The product conforms to IEC947-4-1.

Type Designation



AC Contactor

Contactors of Mini Type

For motor control
3 pairs of main contacts and 1 pair of auxiliary contacts
Coil voltage: AC
AC 50/60Hz
24, 36, 42, 48, 110, 115, 120, 127, 200/208, 220/230, 230/240, 256, 277, 380/400
400, 440, 480, 500, 550V AC



Type	Rated current	AC3(IEC60947)				AC1 lth	Aux. Contacts
		220~240V	380~440V	500~550V	690V		
ELC1-K06	6A	1.5 KW 7 A	2.2 KW 6 A	3 KW 5 A	3 KW 4 A	16A	1NO or 1NC
ELC1-K09	9A	2.2 KW 9 A	4 KW 9 A	4 KW 6 A	4 KW 5 A	16A	1NO or 1NC
ELC1-K12	12A	3 KW 12 A	5.5 KW 12 A	5.5 KW 9 A	5.5 KW 7 A	20A	1NO or 1NC

Characteristics (440VAC)

Rated current		6A	9A	12A
Short circuit current (Max)	380V	60	90	120
	660V	72	108	144
Breaking current (Max)	380V	48	72	96
	660V	60	90	120
Operating cycles per hour	AC-3	1200	1200	1200
	AC-4	300	300	300
Electrical life time (10,000 times)	AC-3	100	100	100
	AC-4	20	20	20
Machanical life time (10,000 times)		1000	1000	1000
Aux. Contacts	Standard conguration	1NO	1NO	1NO
	Top mounting	AU-2M/4M	AU-2M/4M	AU-2M/4M
	Panel installation	Guide screw	Guide screw	Guide screw

Characteristics of the coil

Coil voltage	AC	Selections of pick-up voltage (%) 80~110	
Coil consumption(VA) 2		Selections of droup-out voltage (%) 30~40	
Pick-up	32VA	Pick-up times (ms)	10~20
Maintain	6VA	Drop-out time (ms)	35~45

