



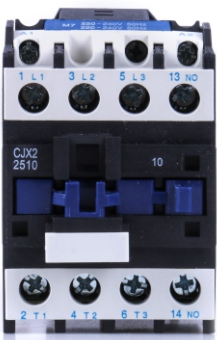
## Product Overview

CJX2 series AC contactor is applicable to circuit of AC 50Hz (or 60Hz) rated operating voltage 1000V, current 6-800A. It controls AC motor for a motor or a long-distance breaking circuit which starts frequently. Combined with an appropriate thermal overload relay, the contactor can work as an electromagnetic starter to protect a circuit that may operate at an overload.

The applicable standards: IEC60947-4-1

## Product Features

It features ingenious and compacted structure, function modularization and three-dimensional layout in building-block assembly. The actuating mechanism of the contactor is straight moving type, and the contact is double breakpoint. The mechanical interlocking mechanism can be integrated between two contactors to form a mechanical chain contactor (reversible changeover contactor).

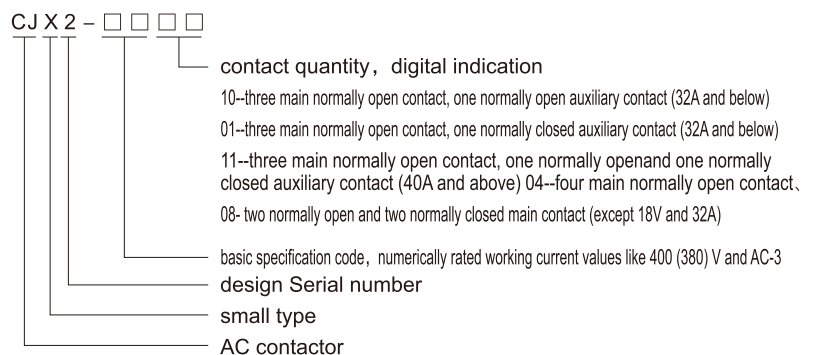


## Working Environment

- Ambient temperature:  $-5^{\circ}\text{C} \sim +40^{\circ}\text{C}$ , averagely  $+35^{\circ}\text{C}$  within 24 hours ;
- Altitude: less than 2000m;
- Humidity: relative humidity is less than 50% at the temperature of  $+40^{\circ}\text{C}$ ; a higher relative humidity is allowed at a lower temperature. The lowest monthly average temperature must be lower than  $25^{\circ}\text{C}$  in the dampest month and the highest relative humidity should not exceed 90% in the same month. Measures must be taken when condensation happens to the product due to the change of the temperature.
- Pollution-resistance Degree : 3
- Installation Category: III
- Installation condition: the angle between mounting surface and the vertical surface should not be greater than  $\pm 5^{\circ}$
- Shock and vibration: products should be installed and used without significant shake, shock or vibration.



## Model Descriptions



## Specifications

Item	Model Parameter	CJX2-09	CJX2-12	CJX2-18	CJX2-25	CJX2-32	CJX2-40	CJX2-50	CJX2-65	CJX2-80	CJX2-95	
		Rated Working Current (A)	380V	AC-3	9	12	18	25	32	40	50	65
AC-4	3.5			5	7.7	8.5	12	18.5	24	28	37	44
660V	AC-3		7	9	12	18	21	34	39	42	49	49
	AC-4		1.5	2	3.8	4.4	7.2	9	12	14	17.3	21.3
Agreed Heating Current (A)		20	20	32	40	50	60	80	80	110	110	
Rated Insulated Voltage (V)		690	690	690	690	690	690	690	690	690	690	
Controllable Three-phase Squirrel Cage Motor power (kW) AC-3	220V	2.2	3	4	5	7.5	11	15	18.5	22	25	
	380V	4	5.5	7.5	11	15	18.5	22	30	37	45	
	660V	5.5	7.5	10	15	18.5	22	30	37	45	55	
Operating Frequency (times/h)	Electrical Life	AC-3	1200	1200	1200	1200	600	600	600	600	600	
		AC-4	300	300	300	150	150	150	150	150	150	
	Mechanical Life	3600	3600	3600	3600	3600	3600	3600	3600	2400	2400	
Electrical Life (ten thousand times)	AC-3	100	100	100	100	80	80	60	60	60	60	
	AC-4	20	20	20	20	20	15	15	15	10	10	
Mechanical Life (ten thousand times)		1000	1000	1000	1000	800	800	800	800	600	600	
Matching Fuse type		RT16-16	RT16-20	RT16-25	RT16-32	RT16-50	RT16-63	RT16-63	RT16-80	RT16-100	RT16-125	
Average Power Loss (VA) (20°C)	50Hz	Pull-in	76	76	76	110	110	110	230	230	230	230
		Maintain	9.4	9.4	9.4	11	11	32	32	32	32	32
3P+NO/NC		0.33	0.33	0.35	0.52	0.55	1.22	1.22	1.22	1.42	1.42	
Unit Weight (Kg)	4P (4 normally open)	0.33	0.33		0.52		1.32	1.32	1.32	1.59	1.59	
	4P(2 normally open , 2 normally closed)	0.33	0.33		0.52		1.37	1.37	1.37	1.65	1.65	

# CJX2 Series AC Contactor

Item	Parameter	Model	CJX2-115	CJX2-150	CJX2-170	CJX2-205	CJX2-245	CJX2-300	CJX2-410	CJX2-475	CJX2-620
Rated Working Current (A)	380V	AC-3	115	150	170	205	245	300	410	475	620
		AC-4	50	60	75	80	100	124	150	185	225
	660V	AC-3	86	107	118	130	170	225	235	290	360
		AC-4	25	32	35	40	47	60	72	85	100
Agreed Heating Current (A)			200	200	200	275	275	380	450	580	800
Rated Insulated Voltage (V)			1000	1000	1000	1000	1000	1000	1000	1000	1000
Controllable Three-phase Squirrel Cage Motor power (kW) AC-3	380V		55	75	85	90	110	160	200	250	335
	660V		80	90	100	110	129	220	280	330	450
Operating Frequency (times/h)	Electrical Life	AC-3	600	300	300	600	600	600	300	300	300
		AC-4	300	300	300	150	150	150	150	150	150
	Mechanical Life		2400	2400	2400	2400	2400	2400	1200	1200	1200
Electrical Life (ten thousand times)	AC-3		40	40	40	50	50	50	30	30	20
	AC-4		2	2	2	10	10	10	8	8	5
Mechanical Life (ten thousandtimes)			300	300	300	300	300	300	100	100	100
Matching Fuse type			RT16-160	RT16-200	RT16-250	RT16-315	RT16-315	RT16-400	RT16-500	RT16-630	RT16-630
Average Power Loss (VA) (20°C)	50Hz	Pull-in	300	300	300	800	800	1200	1200	1250	1650
		Maintain	22	22	22	55	55	13	20	24	22
Unit Weight (Kg)	3P		2.08	2.08	2.08	4.6	4.7	8.5	8.5	10.8	17.4

Item	Model		CJX2-F115	CJX2-F150	CJX2-F185	CJX2-F225	CJX2-F265	CJX2-F330	CJX2-F400	CJX2-F500	CJX2-F630
	Parameter										
Agreed Heating Current (A)			200	200	275	275	315	380	450	580	800
Rated Working Current (A)	AC-3	380V	115	150	185	225	265	330	400	500	630
		660V	86	107	118	135	170	225	235	290	360
		1000V	46	50	71	90	112	155	200	232	331
Controllable Three-phase Squirrel Cage Motor power (kW)	AC-3	380V	55	75	90	110	132	160	200	250	335
		660V	80	100	110	129	160	220	280	330	450
		1000V	65	65	100	100	147	160	185	315	425
Operating Frequency (times /h) (AC-3)			600	600	600	600	600	600	300	300	300
AC-3 Electrical Life (ten thousand times)			60	60	50	50	50	50	30	30	20
Mechanical Life (ten thousand times)			300	300	300	300	300	300	100	100	100
Selection of fuse (SCPD)			RT16-1	RT16-1	RT16-2	RT16-2	RT16-2	RT16-3	RT16-3	RT16-4	RT16-4
Unit Weight (Kg)	Model	2P	-	-	-	-	-	-	7.3	9.1	14.1
		3P	3.6	3.7	4.6	4.7	7.1	8.5	8.5	10.8	17.4
		4P	4.3	4.5	5.4	5.7	8.5	10	10	12.9	20.5

**Action Characteristic**

The pull-in voltage is 85%~110% Us

The release voltage is 20%~75% Us