

CJX2-F AC Contactor



1. General

CJX2-F series AC Contactor is applicable in the circuit rated voltage up to 1000V AC, 50/60Hz, rated current up to 780A, for long distance breaking circuit and frequently starting or controlling the motor. It also can be used for the control of distributing circuits of rated current from 200A to 1600A(AC-1)/115A to 780A(AC-3). The products comply with IEC60947-4.

2. Type designation

Name	Rated current	Auxiliary contact	Pole number	Coil voltage	Frequency
CJX2-F				*	*

Rated current (A)	Auxiliary contact		Type
	Normal open (NO)	Normal close (NC)	
115	-	-	CJX2-F11500*.
150	-	-	CJX2-F15000*.
185	-	-	CJX2-F18500*.
225	-	-	CJX2-F22500*.
265	-	-	CJX2-F26500*.
330	-	-	CJX2-F33000*.
400	-	-	CJX2-F40000*.
500	-	-	CJX2-F50000*.
630	-	-	CJX2-F63000*.

Note: 3 pole is normal type, not remarked in the type name.

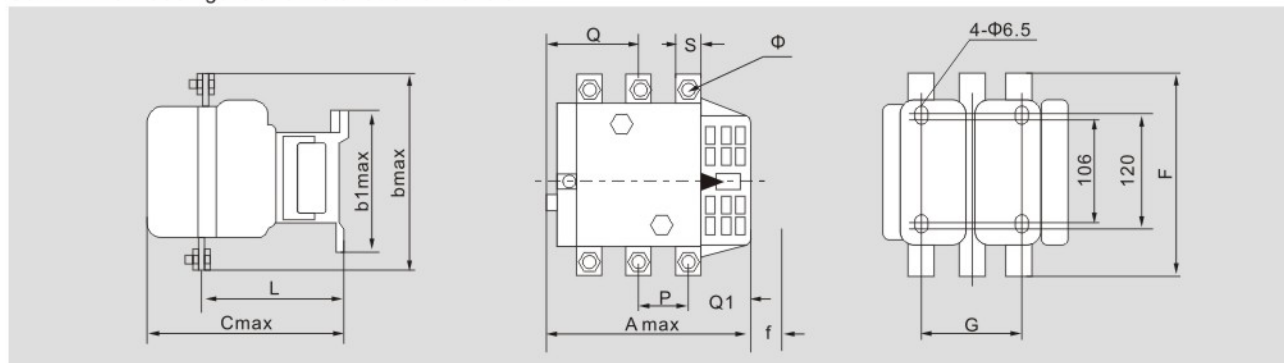
CJX2-F AC Contactor

3. Specifications

Type	CJX2-F115CJX2-F150CJX2-F185CJX2-F225CJX2-F265CJX2-F330CJX2-F400CJX2-F500CJX2-F630										
Main circuit characteristic											
Poles	3P.4P										
Rated operation voltage (Ue)	V	380,660,1000									
Rated insulation voltage (Ui)	V	1000									
Rated heating current (Ith)	A	200	200	275	275	315	380	450	630	800	
Rated operation current (Ie)	AC-3 380V	A	115	150	185	225	265	330	400	500	630
	AC-3 660V	A	86	108	118	137	170	235	303	353	462
	AC-3 1000V	A	46	51	71	90	112	115	200	232	331
	AC-4 380V	A	52	60	79	85	105	117	138	147	188
	AC-4 660V	A	49	61	69	82	98	118	135	145	170
Max. power of 3 phase motor controlled	AC-3 220V	kW	30	40	55	63	75	100	110	147	200
	AC-3 380V	kW	55	75	90	110	132	160	200	250	335
	AC-3 660V	kW	80	100	110	129	160	220	280	335	450
Electrical life	AC-3	10000 t	60			50			30		20
	AC-4	10000 t	1.5			1.5			0.8		0.5
Machinery life		10000 t	600			600			500		500
Operation frequency	AC-3	t/h	600			600			300		300
	AC-4	t/h	150			150			150		150
Matching fuse type	RT16-160RT16-200RT16-250RT16-315RT16-400RT16-400RT16-500RT16-630RT16-800										
Matching thermal relay type	LR9-F53LR9-F73										
Wiring capacity	mm2	50	50	95	95	150	185	30x5(2)	40X5(2)	50X5(2)	
Coil											
Control power voltage (Us)	AC	V	48,110,220,380,440,660								
Allowed control circuit voltage	Close	V	85%~110%Us								
	Open	V	20%~75%Us (AC)								
Coil power	Close	VA	550		800		1200	1200	1250	1650	
	Keeping	VA	45		55		13	20	24	22	
	Loss power	W	12~16		18~24		12	14	18	20	
Auxiliary contact											
Rated heating current (Ith)	A	10									
Rated operation voltage (Ue)	AC	V	380								
	DC	V	220								
Rated control capacity	AC-15	VA	360								
	DC-13	W	33								

4. Overall and mounting dimensions(mm)

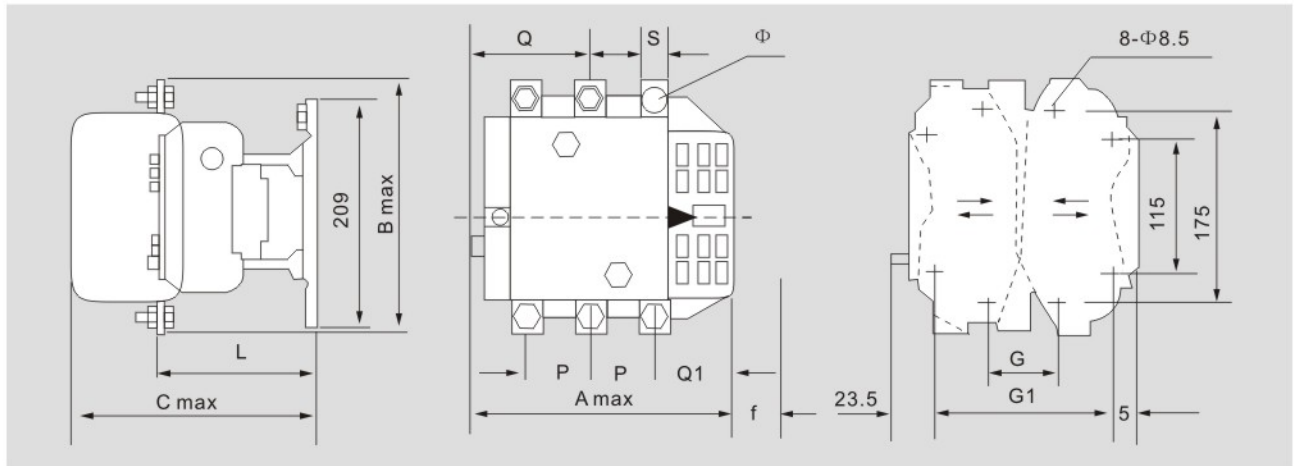
CJX2-F115-F330 figure and installation dimension



Type	Amax	bmax	b1max	Cmax	G	L	Q	Q1	S	Φ	F	P
CJX2-F115	165	164	137	167	80±0.8	108	29.5	60	15	M6×15	133	37
CJX2-F150	165	172	137	167	80±0.8	108	26.5	57.5	20	M6×20	133	40
CJX2-F185	171	176	137	181	80±0.8	114	30	60	20	M6×20	133	40
CJX2-F225	171	199	137	181	80±0.8	114	22	52	25	M6×30	133	48
CJX2-F265	204	205	145	210	96±1.1	143	39	66.5	25	M10×30	147	48
CJX2-F330	209	209	145	216	96±1.1	148	36	74	25	M10×30	147	48

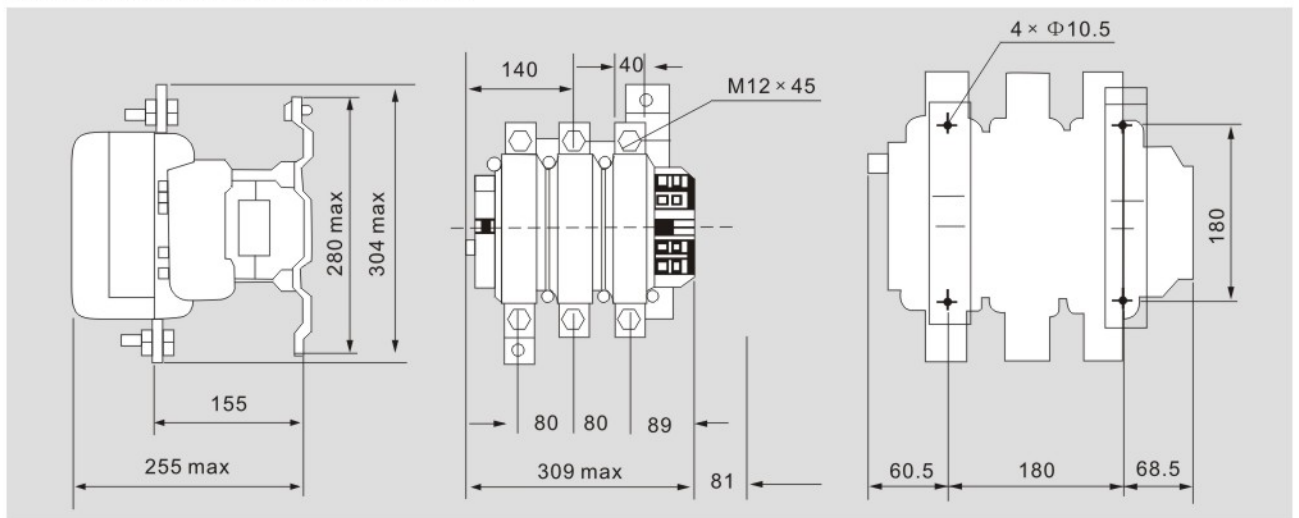
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CJX2-F400,F500 figure and installation dimension



Type	A max	B max	C max	f	k	S	L	P	Q	Q1	G max	G	G max	G1	G1min
CJX2-F400	213	206	213	119	70	25	145	48	43	74	102	80	192	170	156
CJX2-F500	233	238	226	141	70	30	146	55	46	77	120	80	210	170	156

CJX2-F630 figure and installation dimension



5. Operation and installation condition

Ambient temperature	-5℃~+40℃
Altitude	≤2000m
Relative humidity	The maximum temperature of 40 degrees, the air relative humidity not exceed 50%, at a lower temperature can allow for a higher relative humidity, if humidity changes as a result of occasional gel generated, should eliminate it.
Pollution level	3
Installation category	III
Installation position	The installation degree of the tilt and vertical plane should not exceed $\pm 22.5^\circ$, should be installed in place with no significant impact shaking and vibration
Installation	The installation of fastening screws can be used, the CJX1-9~38 contactor can also be installed on 35mm standard DIN rail.