CJX2 AC Contactor

Standard: IEC 60947-4-1

CE

Function

CJX2 AC contactors provide:

- □ Remote make & break of circuits
- □ Frequent start and stop of motors

Order Information

Motor P(kW) 380V	Rated current(A)	Auxiliary contact		Reference
		NO	NC	
5.5	9	1	0	CJX2910*·
		0	1	CJX2901*·
7.5	12	1	0	CJX21210*·
		0	1	CJX21201*·
10	18	1	0	CJX21810*·
		0	1	CJX21801*·
15	25	1	0	CJX22510*·
		0	1	CJX22501*·
18.5	32	1	0	CJX23210*·
		0	1	CJX23201*·
30	40	1	1	CJX24011*·
33	50	1	1	CJX25011*·
37	65	1	1	CJX26511*·
45	80	1	1	CJX28011*·
55	95	1	1	CJX29511*·

Reference Description

CJX2 9 10 * ·

- · Coil Frequency
- * Coil Voltage
- 10 Auxiliary contact
- 9 Rate current
- CJX2 Model

■ **Coil voltage code**

coil voltage	24V	36V	110V	127V	220V	380V	400V
*	B	C	F	S	M	Q	V

■ **Coil frequency code**

coil frequency	50Hz	60Hz
·	5	6

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Technical Data

Model				CJX2-09	CJX2-12	CJX2-18	CJX2-25	CJX2-32	CJX2-40	CJX2-50	CJX2-65	CJX2-80	CJX2-95
Main circuit characteristics													
Rated operational voltage			V	400, 690									
Rated insulation voltage			V	690									
Conventional thermal current			A	25	25	32	40	50	60	80	80	125	125
Rated operational current	400V	AC-3	A	9	12	18	25	32	40	50	65	80	95
	400V	AC-4	A	3.5	5	7.7	18	21	34	39	42	49	55
	690V	AC-3	A	6.6	8.9	12	8.5	12	18.5	24	28	37	44
	690V	AC-4	A	1.5	2	3.8	4.4	7.5	9	12	14	17.3	21.3
Power of controlled 3-phase cage motor	400V,	AC-3	kW	4	5.5	7.5	11	15	18.5	22	30	37	45
	690V,	AC-3	kW	5.5	7.5	10	15	18.5	30	33	37	45	55
	400V,	AC-4	kW	2.2	3	4	5.5	7.5	7.5	11	15	18.5	22
Electric durabilities		AC-3	$\times 10^4$ operations	100				80	80			60	
		AC-4	$\times 10^4$ operations	20				20	15			10	
Mechanical durabilities			$\times 10^4$ cycles	1000				800	800			600	
Operating rate		AC-3	cycles/h	1200				600	600			600	
		AC-4	cycles/h	300				300	300			300	
Matched Fuse				RT16-20	RT16-20	RT16-32	RT16-40	RT16-50	RT16-63	RT16-80	RT16-80	RT16-100	RT16-125
Cable connection cross section			mm^2	1.5	1.5	2.5	4	6	10	16	16	25	35
Coil													
Coil voltage(Us)			V	AC24,36,110,127,220,380,400									
Operational voltage			V	85%~110%Us									
Drop-out voltage			V	20%~75%Us									
Inrush			VA	70			110		200				
Sealed			VA	9			11		24				
Heat dissipation			W	2.7			4		10				
Accessories													
Auxiliary contact			Front mount	F4									
			Side mount	FC6									
Time-delay block			Front mount	SK4									
Mechanical Interlock				FR632H					FR695HX				
Rated conventional thermal current			A	10									
Rated operational voltage		AC	V	400									
		DC	V	230									
Rated control capacity		AC-15	VA	360									
		DC-13	W	33									

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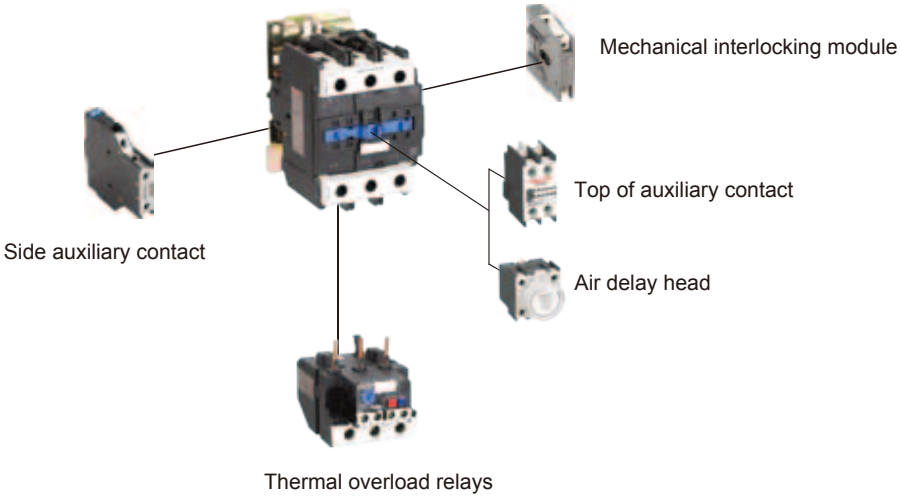
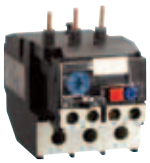
CJX2 Contactor Accessories





■ **Contactor**

	9	12	18	25	32	40	50	65	80	95
Top of auxiliary contact	2 Poles:F411,F402,F420 4 Poles: F404,F413,F422,F431,F440									
Side auxiliary contact	2 Poles: FC611, FC602, FC620									
Air delayed head	Making time-delay: SK420,SK422,SK424 Breaking time-delay: SK430,SK432,SK434									
Mechanical interlocking module	9-32A: FR632H 40-95A: FR695HX									
Thermal overload relays	**JRS1D-25** 0.1-0.16A ... 17-25A			**JRS1D-36** 23-32A 30-40A		**JRS1D-93** 23-32A ... 80-93A				

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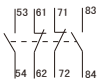
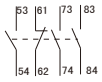
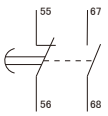
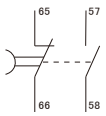
Accessories

■ F4 Top of auxiliary contact

Pole	Contact		Wiring diagram	Reference
	NO	NC		
2P	1	1		F411
	0	2		F402
	2	0		F420
4P	0	4		F404
	1	3		F413
	2	2		F422
	3	1		F431
	4	0		F440

■ SK4 Air delayed head

Delay Type	Wiring diagram	Delay Range	Reference
Making time-delay		0.1-3S	SK420
		0.1-30S	SK422
		10-180S	SK424
Breaking time-delay		0.1-3S	SK430
		0.1-30S	SK432
		10-180S	SK434

■ FC6 Side auxiliary contact

Pole	Contact		Wiring diagram	Reference
	NO	NC		
2P	0	2		FC602
	1	1		FC611
	2	0		FC620

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Accessories

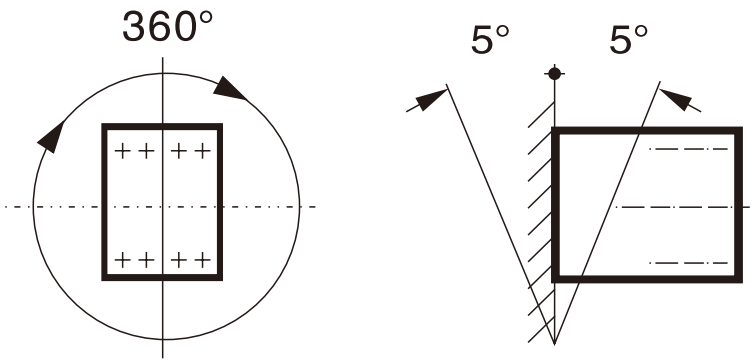
■ Mechanical interlocking module

Contactor Specifications	Reference
CJX2-9~32	FR632H
CJX2-40~95	FR695HX

Working Conditions

- Ambient temperature:-5℃～+40℃, the daily average temperature ≤ 35℃
- Altitude: ≤ 2000 m
- Humidity: Maximum temperature is +40℃, air relative humidity of not more than 50%, at a lower temperature allows a higher relative humidity. For example, 20℃, when up to 90%, and occasionally due to temperature changes resulting from Gel should take special measures
- Pollution Level: 3
- Installation Type: III
- Installation position: should be installed in the absence of a significant shake and shock and vibration place

Install Location



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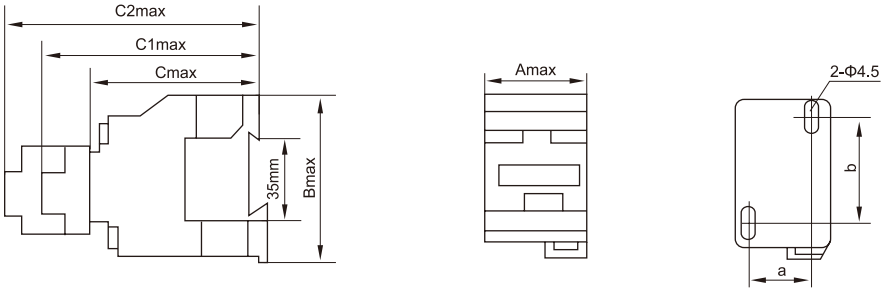
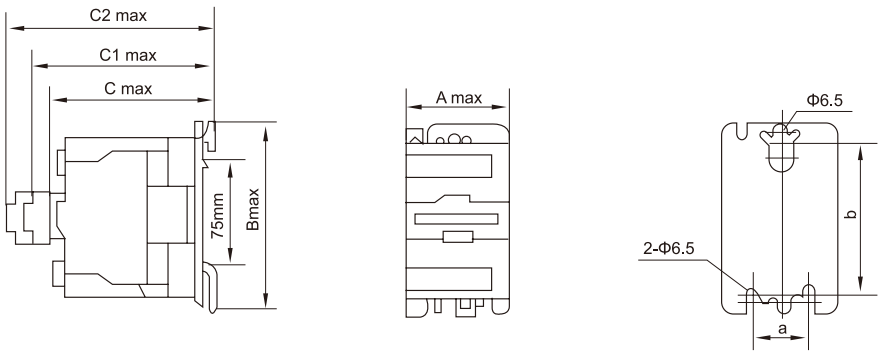
Overall Dimensions

Unit:mm

■ **CJX2-09~32**



■ **CJX2-40~95**



Product Type	Amax	Bmax	Cmax	C_1max	C_2max	a	b	d
CJX2-09~12	47	76	82	115	115	35	50/60	4.5
CJX2-18	47	76	87	120	120			
CJX2-25	57	86	97	130	130	40	50/60	4.5
CJX2-32	57	86	102	135	135			
CJX2-40~65	77	129	116	149	149	40	100/110	6.5
CJX2-80~95	87	129	127	160	160			

Note: C_1max is auxiliary contact group +F4 C_2max is air-delay contact+SK4