

CJX2 AC Contactor

Standard: IEC 60947-4-1

Function

CJX2 AC contactors provide:

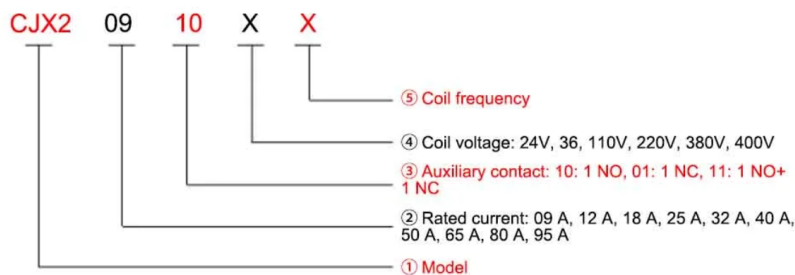
- Remote make & break of circuits
- Frequent start and stop of motors

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



■ 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

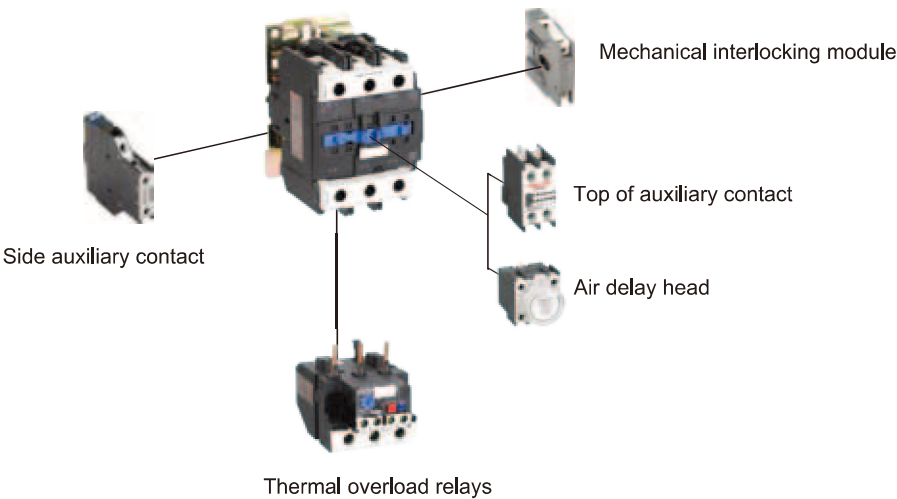
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Technical Data

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	400V,	AC-3	kW	4	5.5	7.5	11	15	18.5	22	30	37	45
3-phase cage motor	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	×10 ⁴ operations	100					80	80	60			
	AC-4	×10 ⁴ operations	20					20	15	10			
Mechanical durabilities		×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										

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						

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

Accessories



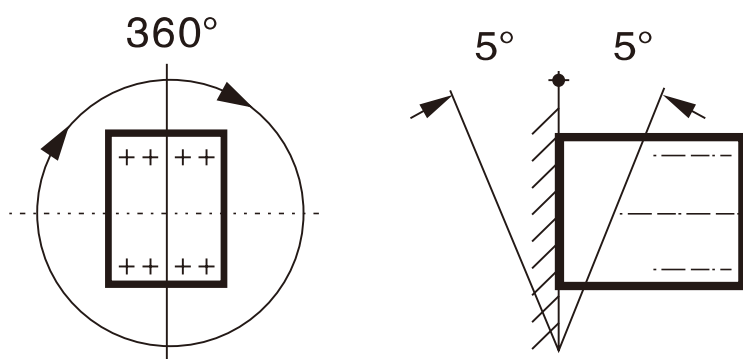
■ Mechanical interlocking module

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

Working Conditions

- Ambient temperature: $-5^{\circ}\text{C} \sim +40^{\circ}\text{C}$, the daily average temperature $\leq 35^{\circ}\text{C}$
- Altitude: ≤ 2000 m
- Humidity: Maximum temperature is $+40^{\circ}\text{C}$, air relative humidity of not more than 50%, at a lower temperature allows a higher relative humidity. For example, 20°C , 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



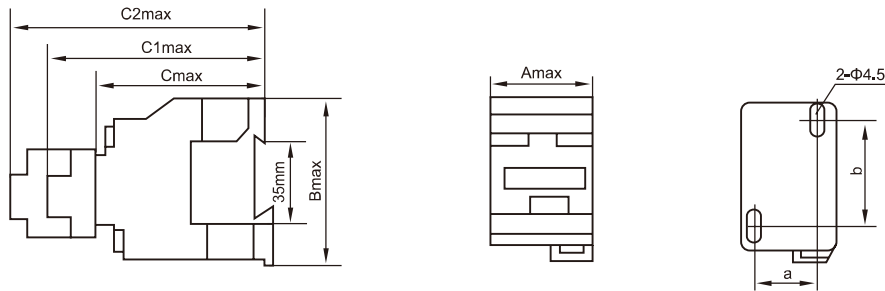
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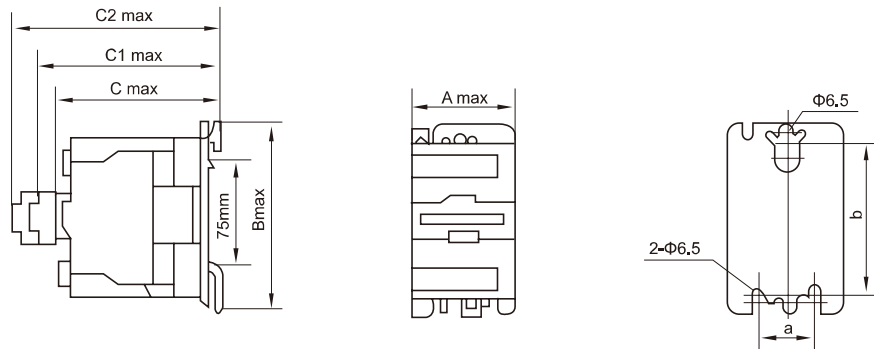
Overall Dimensions

Unit:mm

■ CJX2-09~32



■ CJX2-40~95



Product Type	Amax	Bmax	Cmax	C ₁ max	C ₂ max	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: C₁max is auxiliary contact group +F4 C₂max is air-delay contact+SK4