

Functions and Features

CJX2s AC Contactor

Main technical parameters of CJX2s

																
Contactor model			CJX2s-06	CJX2s-09	CJX2s-12	CJX2s-18	CJX2s-25	CJX2s-32	CJX2s-38	CJX2s-40	CJX2s-50	CJX2s-65	CJX2s-80	CJX2s-95		
Main circuit features																
Number of poles			3 poles													
Rated insulation voltage (Ui)			690													
Rated working voltage (Ue)			380/400, 660/690													
Resistive current (Ith), rated working current			AC-1	16	25	25	32	40	50	50	60	80	80	125	125	
Rated working current (Ie)	AC-3, 380/400V	A	6	9	12	18	25	32	38	40	50	65	80	95		
	AC-3, 660/690V	A	3.8	6.6	8.9	12	18	22	22	34	39	42	49	49		
	AC-4, 380/400V	A	2.6	3.5	5	7.7	8.5	12	14	18.5	24	28	37	44		
	AC-4, 660/690V	A	1	1.5	2	3.8	4.4	7.5	8.9	9	12	14	17.3	21.3		
Rated working power (Pe)	AC-3, 380/400V	kw	2.2	4	5.5	7.5	11	15	18.5	18.5	22	30	37	45		
	AC-3, 660/690V	kw	3	5.5	7.5	10	15	18.5	18.5	30	33	37	45	45		
	AC-4, 380/400V	kw	1.1	1.5	2.2	3.3	4	5.4	5.5	7.5	11	15	18.5	22		
	AC-4, 660/690V	kw	0.75	1.1	1.5	3	3.7	5.5	6	7.5	10	11	15	18.5		
Mechanical life		10,000 times	1200				1000				900				650	
Electrical life	AC-3	10,000 times	110								90				65	
	AC-4	10,000 times	22				22				17				11	
Operating frequency	AC-3	Times/h	1200								600					
	AC-4	Times/h	300								300					
Main circuit terminal wiring capacity																
Soft wire Without wiring terminal	One wire	mm²	1-4	1-4	1-4	1-4	1.5-10	1.5-10	1.5-10	4-25	4-25	4-25	6-50	6-50		
	Two wires	mm²	1-4	1-4	1-4	1-4	1.5-6	1.5-6	1.5-6	4-16	4-16	4-16	6-25	6-25		
Soft wire With wiring terminal	One wire	mm²	1-4	1-4	1-4	1-4	1-6	1-6	1-6	4-25	4-25	4-25	6-50	6-50		
	Two wires	mm²	1-2.5	1-2.5	1-2.5	1-2.5	1-4	1-4	1-4	4-10	4-10	4-10	6-16	6-16		
Hard wire Without wiring terminal	One wire	mm²	1-4	1-4	1-4	1-4	1.5-6	1.5-6	1.5-6	4-25	4-25	4-25	6-50	6-50		
	Two wires	mm²	1-4	1-4	1-4	1-4	1.5-6	1.5-6	1.5-6	4-10	4-10	4-10	6-25	6-25		
Tightening torque	N.m		1.2	1.2	1.2	1.2	1.8	1.8	1.8	5	5	5	9	9		
Coil																
Rated control circuit voltage (Us)	50Hz	V	24, 36, 48, 110, 127, 220/230, 240, 380/400, 415, 400													
	50/60Hz	V	24, 36, 48, 110, 127, 220/230, 240, 380/400, 415, 400													
Allowable control circuit voltage (Us)	Run	V	Installation inclining angle is ± 22.5°: 85%-110%Us; Installation inclining angle is ± 5°: 70%-120%													
	Release	V	Installation inclining angle is ± 22.5°: 20%-75%Us; Installation inclining angle is ± 5°: 20%-65%													
Coil power (50Hz)	Pull-in	VA	50		60			80			200		240			
	Hold	VA	6-9		6-9.5			6-9.5			15-20		15-24			
	Power	W	1-3		1-3			1-3			6-10		6-10			
Aux. contact head																
Contact head spec.		A	10, 01	10, 01, 11						11						
Rated working voltage (Ue)	Resistive current (Ith)	A														
	AC	V	380													
	DC	V	220													
Rated control capacity	AC-15	VA	360													
	DC-13	W	33													
Certification																

Note: It is not recommended that main contact of contactor works when the AC load capacity is lower than 72VA or the DC load power is lower than 72W (such as direct control of PLC output). If unavoidable, the auxiliary contact, F4 Auxiliary contact block, JZC4s contactor relay, or CDZ9 miniature electromagnetic relay provided with the delivery of product can be used for better effects.

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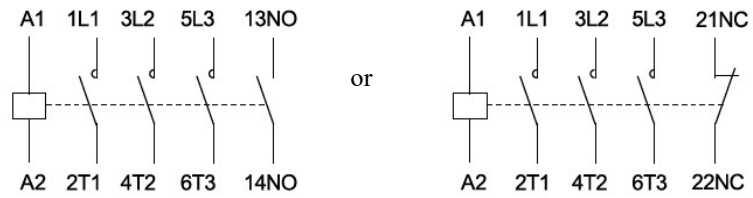
Main technical parameters of CJX2s-N					
Contactor model	Rated insulation volage	Rated working voltage	Resistive current	Intermittent duty-type AC-4	
	Ui(V)	Ue(V)	Ith(A)	Ie(A)	Pe(kw)
CJX2s-09N	690	380	25	3.5	1.5
		660		1.5	1.1
CJX2s-12N	690	380	25	5	2.2
		660		2	1.5
CJX2s-18N	690	380	32	7.7	3.3
		660		3.8	3
CJX2s-25N	690	380	40	8.5	4
		660		4.4	3.7
CJX2s-32N	690	380	50	12	5.4
		660		7.5	5.5
CJX2s-38N	690	380	50	14	5.5
		660		8.9	6
CJX2s-40N	690	380	60	18.5	7.5
		660		9	7.5
CJX2s-50N	690	380	80	24	11
		660		12	10
CJX2s-65N	690	380	80	28	15
		660		14	11
CJX2s-80N	690	380	125	37	18.5
		660		17.3	15
CJX2s-95N	690	380	125	44	22
		660		21.3	18.5

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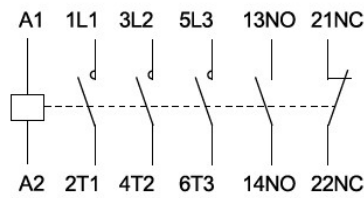
CJX2s AC Contactor

Wiring diagram

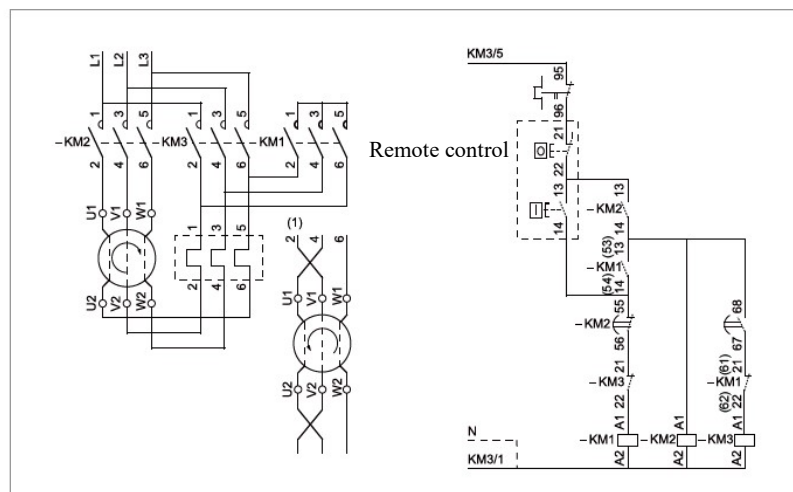
- CJX2s-06~38



- CJX2s-40~95



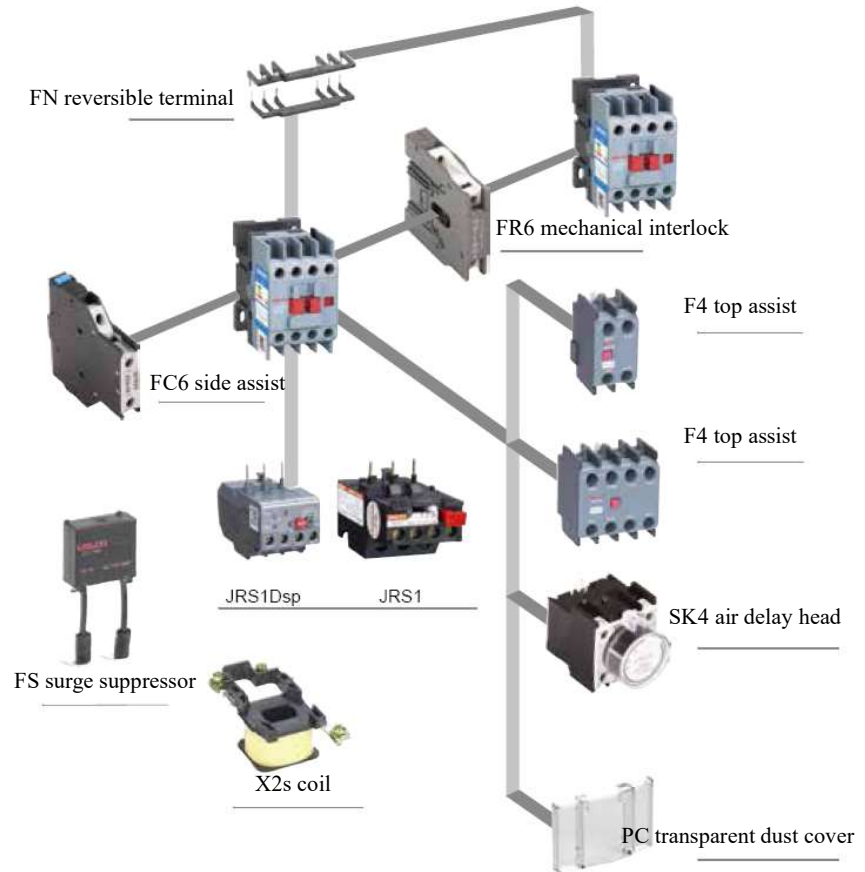
- Star-delta starter wiring diagram



Functions and Features CJX2s AC Contactor

Accessories installation diagram

- CJX2s-6-95A accessory position diagram



Note: No side auxiliary contacts and mechanical interlocks are provided for CJX2s-06