

Functions and Features

CJX2s AC Contactor

Main technical parameters of CJX2s



Main circuit features		CJX2s-06	CJX2s-09	CJX2s-12	CJX2s-18	CJX2s-25	CJX2s-32	CJX2s-38	CJX2s-40	CJX2s-50	CJX2s-65	CJX2s-80	CJX2s-95	
Number of poles		3 poles												
Rated insulation voltage (Ui)	V	690												
Rated working voltage (Ue)	V	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			17			11					
Operating frequency	AC-3	Times/h	1200			600			300					
	AC-4	Times/h	300			300			300					
Main circuit terminal wiring capacity														
Soft wire Without wiring terminal	One wire	mm ²	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	mm ²	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	mm ²	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	mm ²	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	mm ²	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	mm ²	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)	V	24, 36, 48, 110, 127, 220/230, 240, 380/400, 415, 400											
	Allowable control circuit voltage (Us)	V	24, 36, 48, 110, 127, 220/230, 240, 380/400, 415, 400											
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					
Resistive current (Ith)	A	10												
Rated working voltage (Ue)	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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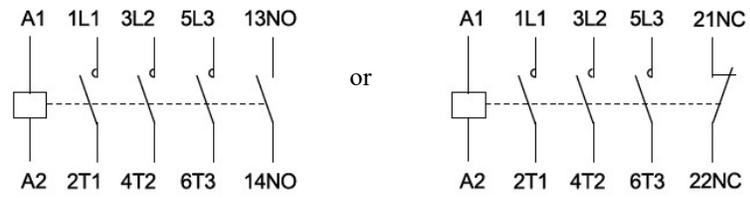
Main technical parameters of CJX2s-N

Contactor model	Rated insulation voltage	Rated working voltage	Resistive current	Intermittent periodic 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

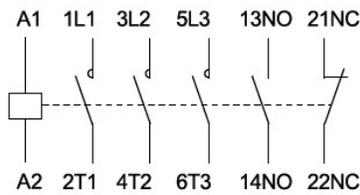
Functions and Features CJX2s AC Contactor

Wiring diagram

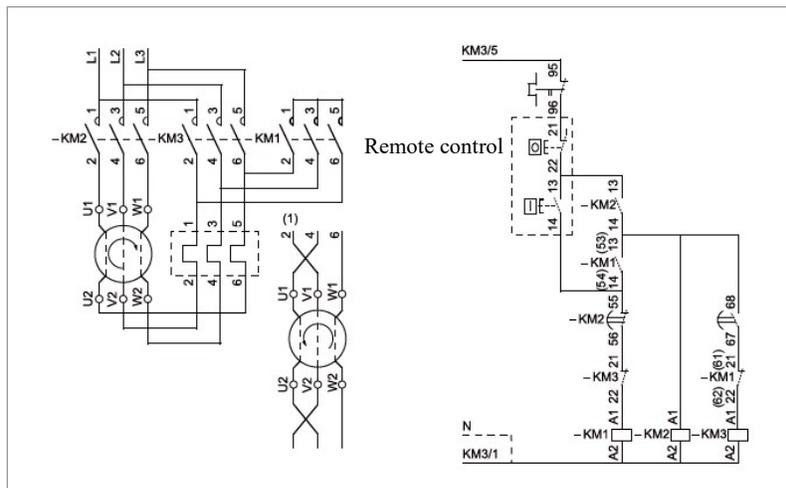
- CJX2s-06~38



- CJX2s-40~95



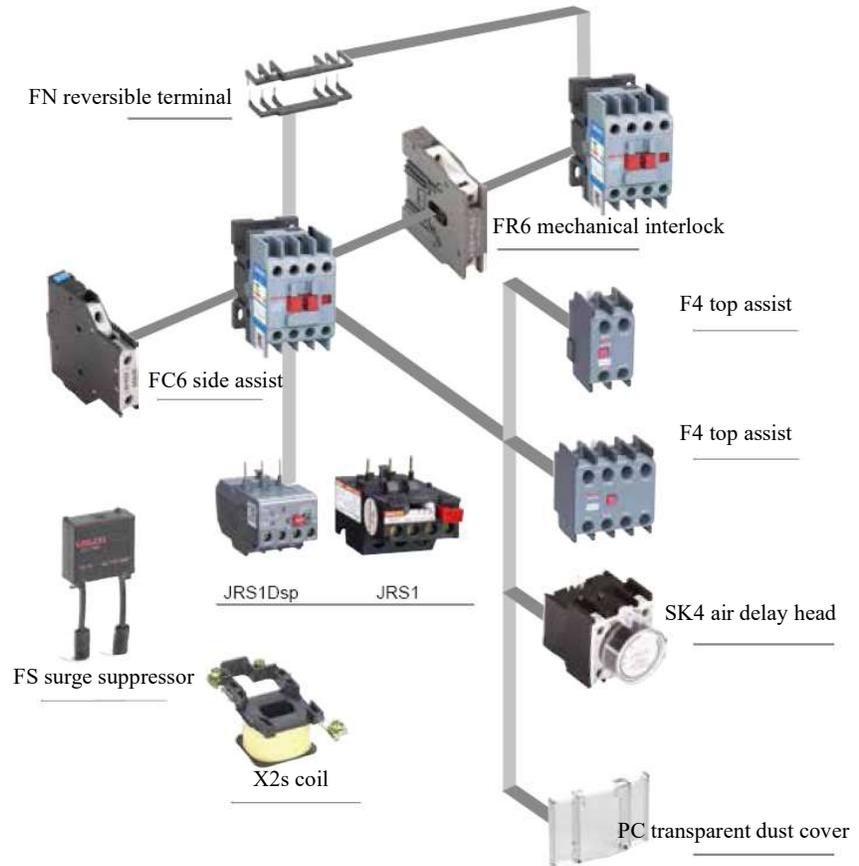
- Star-delta starter wiring diagram



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