

CJX2s AC Contactor

Product Overview

CJX2s series AC Contactor with novel appearance and compact structure is suitable for using starting & controlling the AC motor frequently, switching on and off the circuit at a long distance. It is used in combination with thermal relay to compose a magnetic motor starter.

Standard: IEC 60947-1, IEC 60947-4-1.

Specifications

- Rated operation current(Ie): 9-95A;
- Rated operation voltage(Ue): 220V~690V;
- Rated insulation voltage: 690V;
- Poles: 3P;
- Installation: Din rail and screw installation

Operating and Installation Conditions

Type	Operating and Installation Conditions
Installation category	III
Pollution level	3
Certification	CE, CB, CCC, TUV
Protection degree	CJX2s-09~38: IP20; CJX2s-40~95: IP10
Ambient temperature	limit of temperature: -35°C~+70°C, normal temperature: -5°C~+40°C, The average no more than +35°C within 24 hours. If not in normal operating temperature range, please refer to "Instructions for abnormal environment"
Altitude	≤2000m
Ambient temperature	The maximum temperature of 70 degrees, the air relative humidity not exceed 50%, under lower temperature can allow for higher relative humidity. If the temperature is 20°C, the air relative humidity could up to 90%, Special measures should be taken for occasional condensation due to humidity changes.
Installation position	Inclination between installation surface and vertical surface should not exceed ±5°
Shock vibration	Products should be installed and used without significant shake, shock and vibration place.



CJX2s AC Contactor

Specifications

CJX2s Specifications



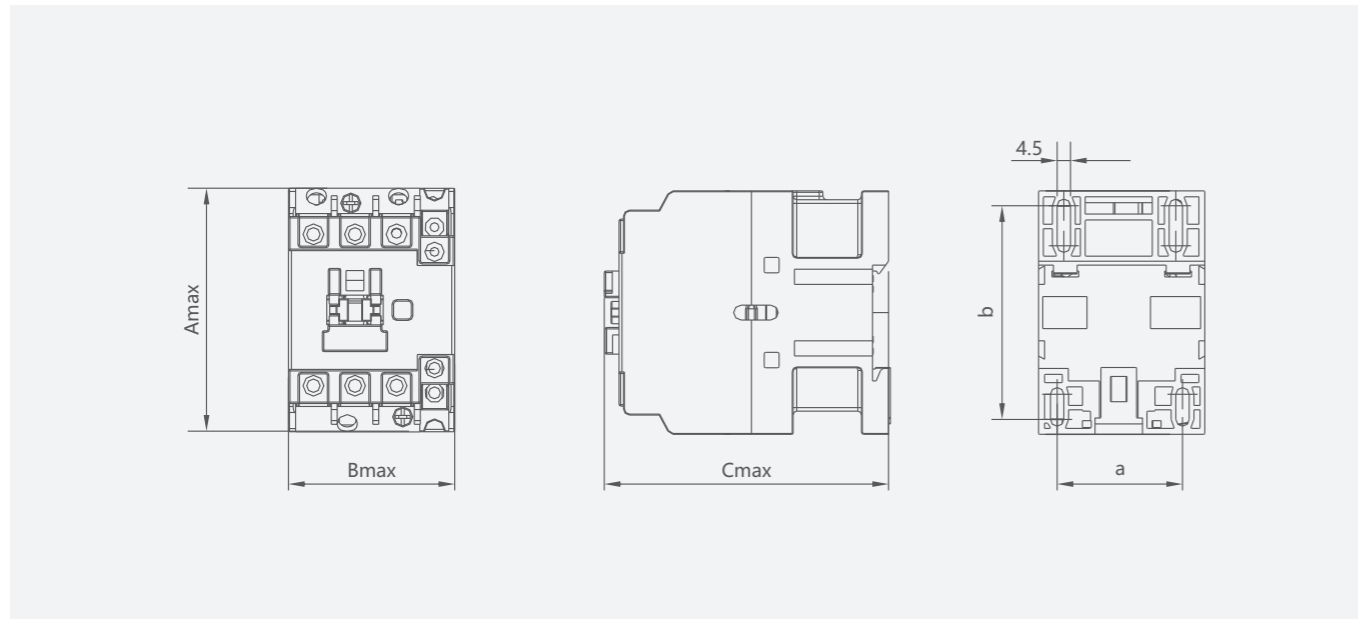
Type	CJX2s-09	CJX2s-12	CJX2s-18	CJX2s-25	CJX2s-32	CJX2s-38	CJX2s-40	CJX2s-50	CJX2s-65	CJX2s-80	CJX2s-95		
Main circuit characteristic													
Poles	3P												
Rated insulation voltage(Ui)	V 690												
Rated operating voltage(Ue)	V 380/400, 660/690												
Rated thermal current(Ith), AC-1		20	20	32	40	50	50	60	80	80	125	125	
Rated operation current(Ie)	AC-3,380/400V	A	9	12	18	25	32	38	40	50	65	80	95
	AC-3,660/690V	A	6.6	8.9	12	18	22	22	34	39	42	49	49
	AC-4,380/400V	A	3.5	5	7.7	8.5	12	14	18.5	24	28	37	44
	AC-4,660/690V	A	1.5	2	3.8	4.4	7.5	8.9	9	12	14	17.3	21.3
Rated operational power(Pe)	AC-3,380/400V	kW	4	5.5	7.5	11	15	18.5	18.5	22	30	37	45
	AC-3,660/690V	kW	5.5	7.5	10	15	18.5	18.5	30	33	37	45	45
	AC-4,380/400V	kW	1.5	2.2	3.3	4	5.4	5.5	7.5	11	15	18.5	22
	AC-4,660/690V	kW	1.1	1.5	3	3.7	5.5	6	7.5	10	11	15	18.5
Mechanical life			1200			1000			900		650		
Electrical life	AC-3	10000 times	110			90			65				
	AC-4		22			17			11				
Frequency of operation	AC-3	times/hour	1200			600			300				
	AC-4		300										
Connecting capability of main circuit terminal													
Flexible wire	1 wire	mm ²	1...4			1.5...6			2.5...25		4...50		
No terminal	2 wire	mm ²	1...4			1.5...6			2.5...16		4...25		
Flexible wire	1 wire	mm ²	1...4			1...6			2.5...25		4...50		
With terminals	2 wire	mm ²	1...2.5			1...4			2.5...10		4...16		
Hard wire	1 wire	mm ²	1...4			1.5...6	1.5...10		2.5...25		4...50		
No terminal	2 wire	mm ²	1...4			1.5...			2.5...10		4...25		
Fastening torque		N·m	1.2			1.8			5		9		
Coil													
Rated control voltage(Us)	50Hz	V	24, 36, 48, 110, 127, 220/230, 240, 380/400, 415, 440										
	50/60Hz	V	24, 36, 48, 110, 127, 220/230, 240, 380/400, 415, 440										
Allowed control circuit voltage(Us)	Operation	V	Installation inclination angle ±22.5°: 85%~110%Us; Installation inclination angle±5°: 70%~120%										
	Release	V	Installation inclination angle ±22.5°: 20%~75%Us; Installation inclination angle±5°: 20%~65%										
Power consumption of coil	Actuation	VA	60			70			200		200		
	Keep	VA	6-9.5			6-9.5			15-20		15-20		
	Consumption	W	1-3			1-3			6-10		6-10		
Auxiliary contacts													
Auxiliary contacts specification		A	11										
Rated thermal current (Ith)		A	10										
Rated operating voltage (Ue)	AC	V	380										
	DC	V	220										
Rated control capacit	AC-15	VA	360										
	DC-13	W	33										
Certification			CCC, CE, TUV, CB										



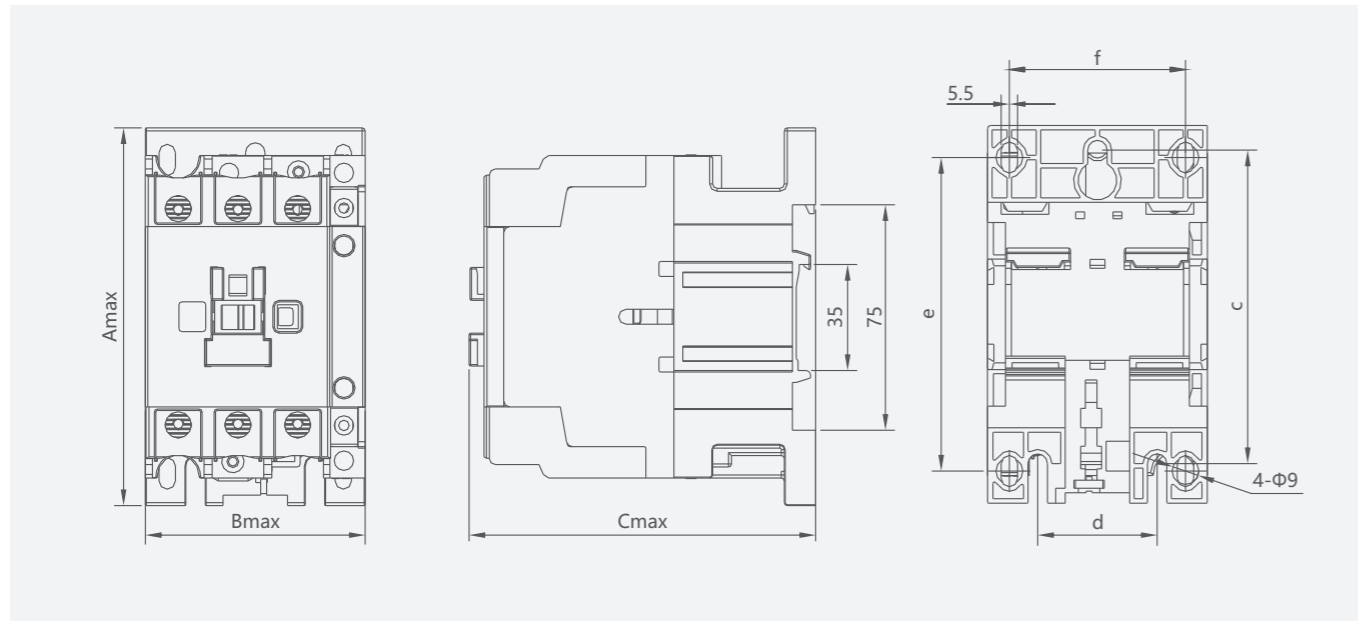
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Overall and Mounting

CJX2s-09~38



CJX2s-40~95



Type	Amax	Bmax	Cmax	a	b	c	d	e	f
CJX2s-09, 12, 18	74.5	45.5	85.5	35	50/60	-	-	-	-
CJX2s-25, 32, 38	83	56.5	97	40	50/70	-	-	-	-
CJX2s-40, 50, 65	127.5	74.5	117	-	-	105	40	100/110	59
CJX2s-80, 95	127.5	85.5	125.5	-	-	105	40	100/110	67

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F4-D, LA2-D, LA3-D Contact Block

Type	Product	Configuration of contacts	
		Number of N/O contact	Number of N/C contact
F4-DN20 F4-DN11 F4-DN02		2 1 0	0 1 2
F4-DN40 F4-DN31 F4-DN22 F4-DN13 F4-DN04		4 3 2 1 0	0 1 2 3 4
Type		Time-delay range	Number of time-delay contacts
LA2-DT0 LA2-DT2 LA2-DT4		0.1s~3s 0.1s~30s 10s~180s	NO+NC NO+NC NO+NC
LA3-DR0 LA3-DR2 LA3-DR4		0.1s~3s 0.1s~30s 10s~180s	NO+NC NO+NC NO+NC






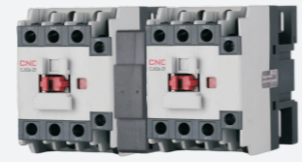

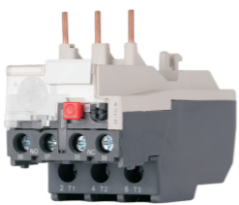







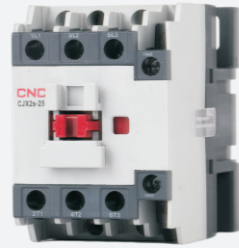
LX1-D Coil

Type	Product	Coil voltage Us(V) Frequency (Hz)	Coil voltage Us(V)													
			24	36	42	48	110	127	220	230	240	380	400	415	440	600
LX1-D2		50Hz	B5	C5	D5	E5	F5	G5	M5	P5	U5	Q5	V5	N5	R5	X5
LX1-D4		60Hz	B6	C6	D6	E6	F6	G6	M6	P6	U6	Q6	V6	N6	R6	X6
LX1-D6		50/60Hz	B7	C7	D7	E7	F7	G7	M7	P7	U7	Q7	V7	N7	R7	X7

Motor Control and protection Inverter & Soft-Starter

CJX2s AC Contactor

Derived Products When The Contactor is Assembled With Following Accessory Module

Derived products	Contactor	Accessorial modular	Picture
Time-delay contactor		+ 	
Reversing contactor		+ 	
Magnetic starter		+ 	
Auxiliary Contact		+ 	
Changeover capacitor AC contactor		+ 	
dust cover		+ 