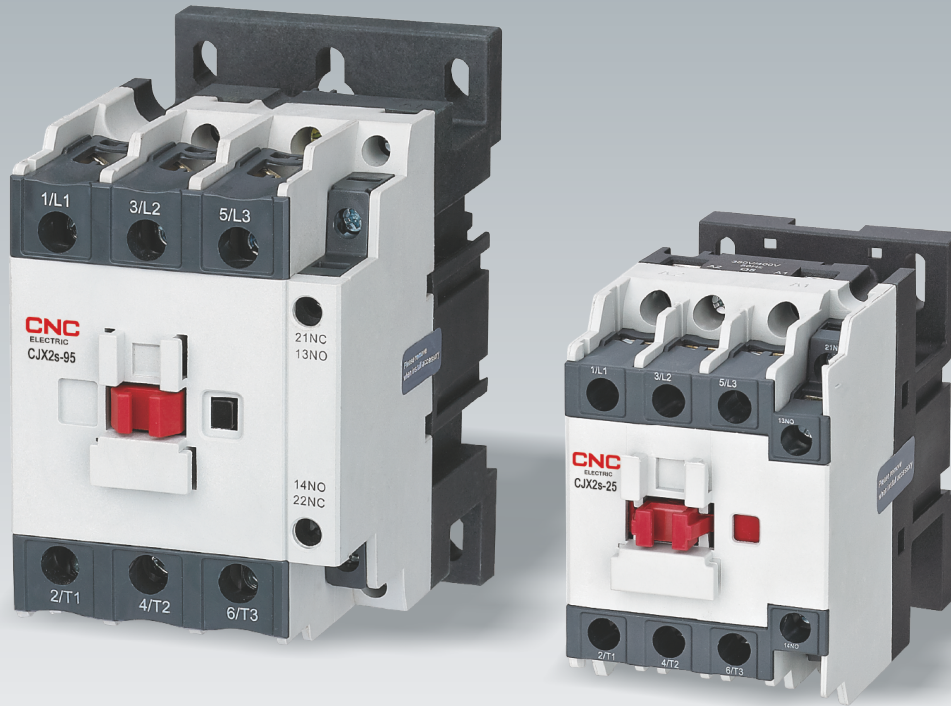


CJX2s Series

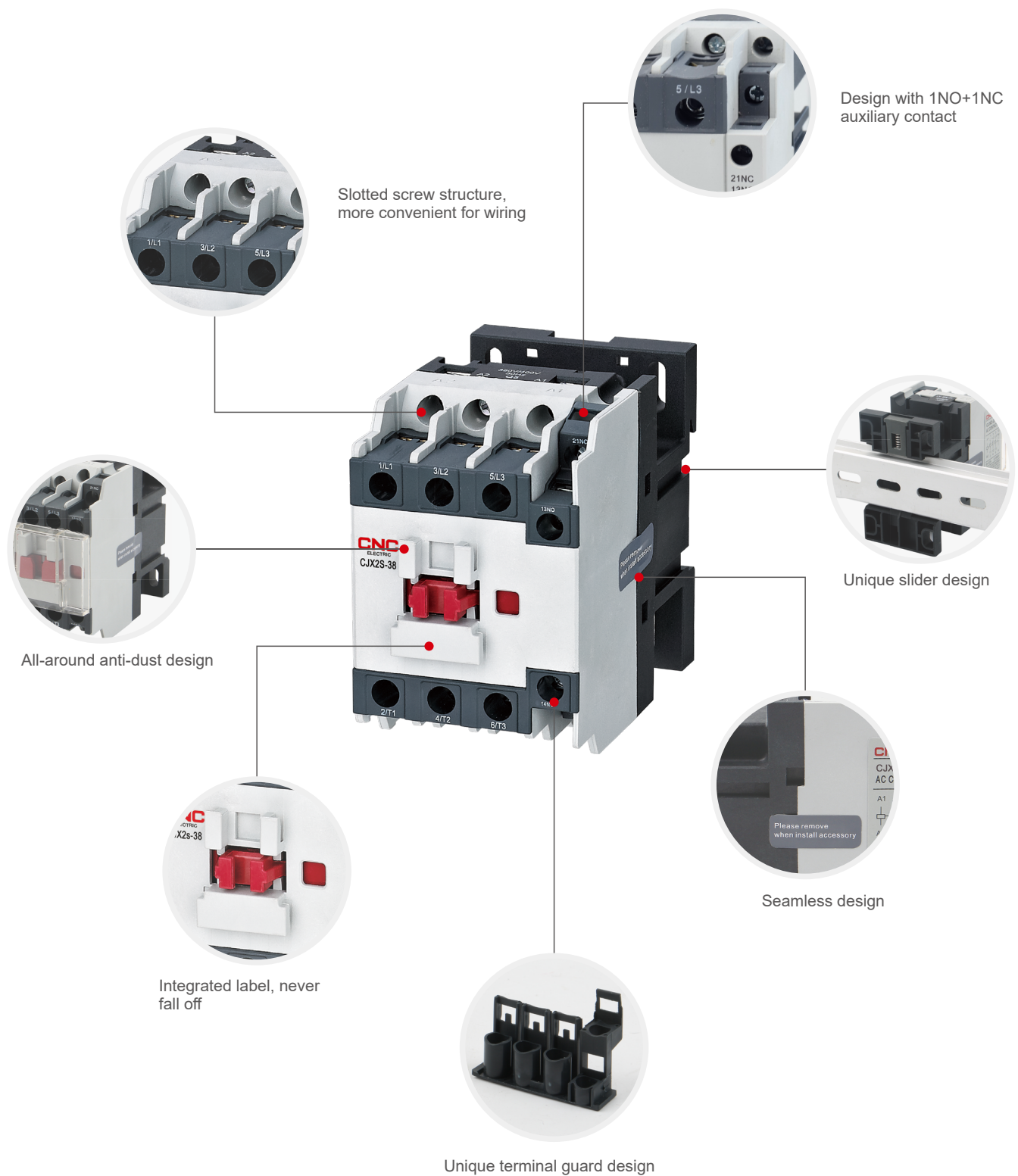
AC Contactor



- More auxiliary contacts
- Suitable for larger voltage fluctuation
- Super environment adaptability

CJX2s AC Contactor

Overview



Motor Control & Protection

CJX2s AC Contactor



General

CJX2s series AC Contactor with artistic 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.

Certification: CE, CB, TUV.

- Rated operation current(Ie): 9-110A
- Rated operation voltage(Ue): 220V~690V
- Rated insulation voltage: 690V
- Poles: 3P
- Auxiliary contacts: 1NO+1NC;
- Installation: Din rail and screw installation
- Standard: IEC 60947-1, IEC 60947-4-1

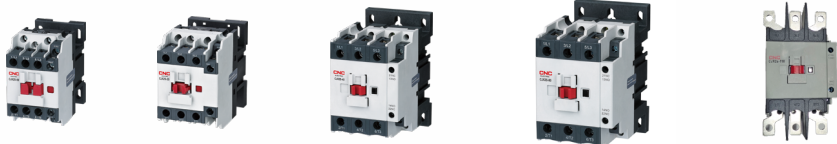
Operating conditions

Type	Operating and Installation Conditions
Installation category	III
Pollution level	3
Protection degree	CJX2s-09~38: IP20; CJX2s-40~95: CJX2s-110 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.
Altitude	≤2000m
Ambient temperature	The maximum temperature is 70 degrees, the relative humidity of the air does not exceed 50%, and the temperature below 50% can allow 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.

Motor Control & Protection

CJX2s AC Contactor

Technical data

Type	CJX2s-09	CJX2s-12	CJX2s-18	CJX2s-25	CJX2s-32	CJX2s-38	CJX2s-40	CJX2s-50	CJX2s-65	CJX2s-80	CJX2s-95	CJX2s-110		
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	50	60	80	125	125	140	
Rated operation current(Ie)	AC-3,380/400V	A	9	12	18	25	32	38	40	50	65	80	95	110
	AC-3,660/690V	A	6.6	8.9	12	18	22	22	34	39	42	49	49	49
	AC-4,380/400V	A	3.5	5	7.7	8.5	12	14	18.5	24	28	37	44	44
	AC-4,660/690V	A	1.5	2	3.8	4.4	7.5	8.9	9	12	14	17.3	21.3	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	45
	AC-3,660/690V	kW	5.5	7.5	10	15	18.5	18.5	30	33	37	45	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	22
	AC-4,660/690V	kW	1.1	1.5	3	3.7	5.5	6	7.5	10	11	15	18.5	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								
	AC-4		300			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(U _s)	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(U _s)	Operation	V	Installation inclination angle ±22.5°: 85%~110%U _s ; Installation inclination angle±5°: 70%~120%											
	Release	V	Installation inclination angle ±22.5°: 20%~75%U _s ; 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 (I _{th})		A	10											
Rated operating voltage (U _e)	AC	V	380											
	DC	V	220											
Rated control capacity	AC-15	VA	360											
	DC-13	W	33											
Certification	CE, TUV, CB													

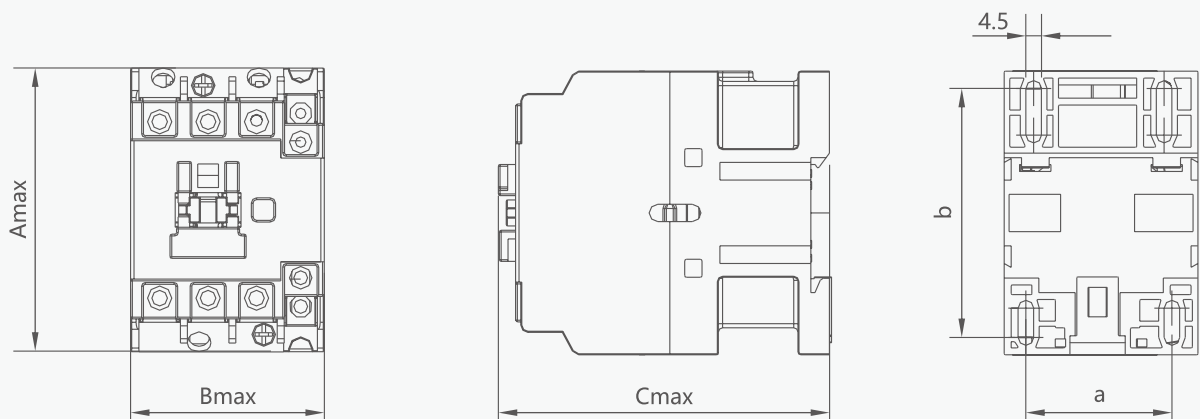
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Motor Control & Protection

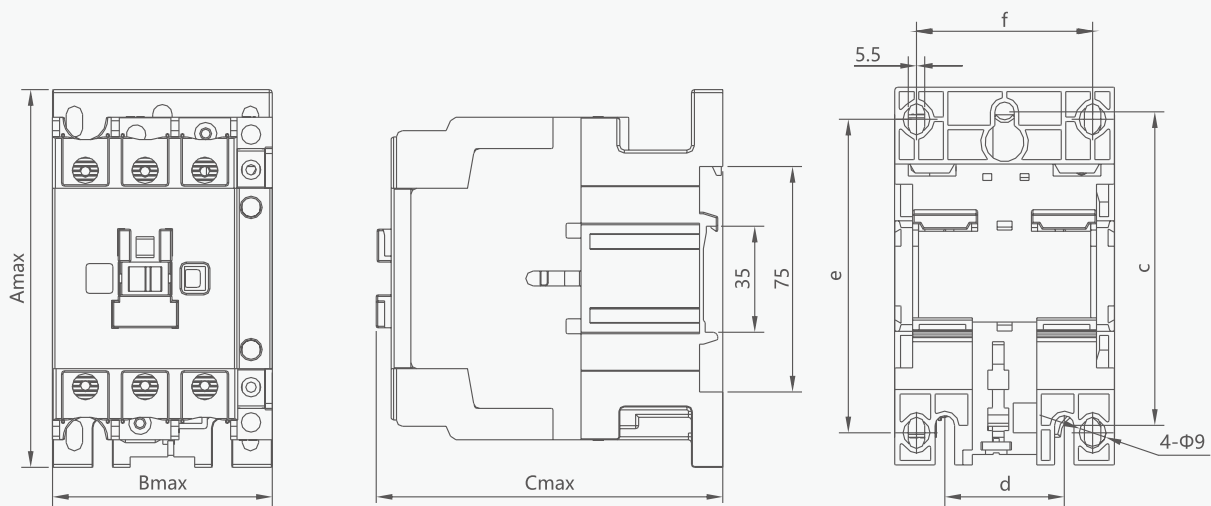
CJX2s AC Contactor

Overall and mounting dimensions

CJX2s-09~38



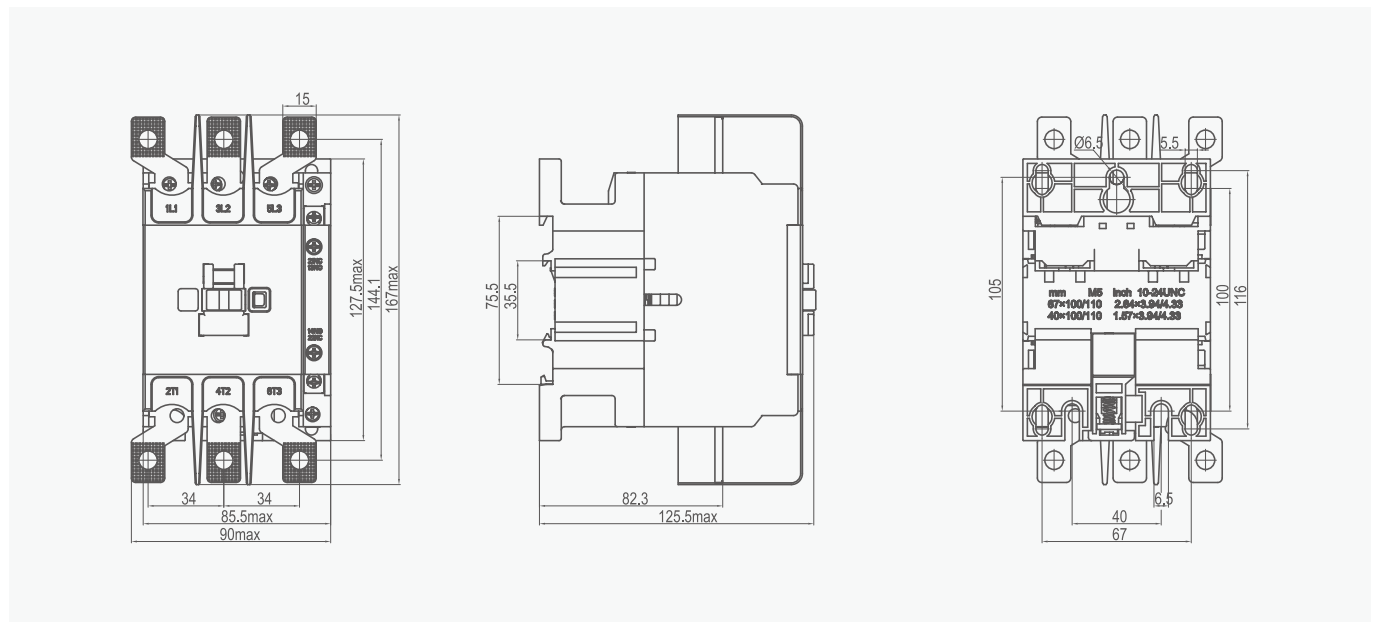
CJX2s-40~95



Motor Control & Protection

CJX2s AC Contactor

CJX2s-110







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	86	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
CJX2s-110	167	90	125.5	-	-	-	-	-	-




Motor Control & Protection

CJX2s AC Contactor

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



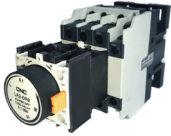














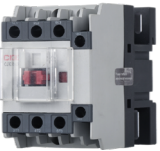
LX1S Coil

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
LX1S-D2 09-18		50Hz	B5	C5	D5	E5	F5	G5	M5	P5	U5	Q5	V5	N5	R5	X5
LX1S-D4 25-38		60Hz	B6	C6	D6	E6	F6	G6	M6	P6	U6	Q6	V6	N6	R6	X6
LX1S-D6 40-65		50/60Hz														
LX1S-D8 80-95				B7	C7	D7	E7	F7	G7	M7	P7	U7	Q7	V7	N7	R7

Motor Control & Protection

CJX2s AC Contactor

Derived Products When The Contactor is Assembled With Following Accessory Module

Derived products	Contactor	Accessory module	Picture
Time-delay Contactor		+ 	→ 
Reversing Contactor		+ 	→ 
Magnetic Starter		+ 	→ 
Front Auxiliary Contact		+ 	→ 
Side Auxiliary Contact		+ 	→ 
Changeover Capacitor AC Contactor		+ 	→ 
Dust Cover		+ 	→ 

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