

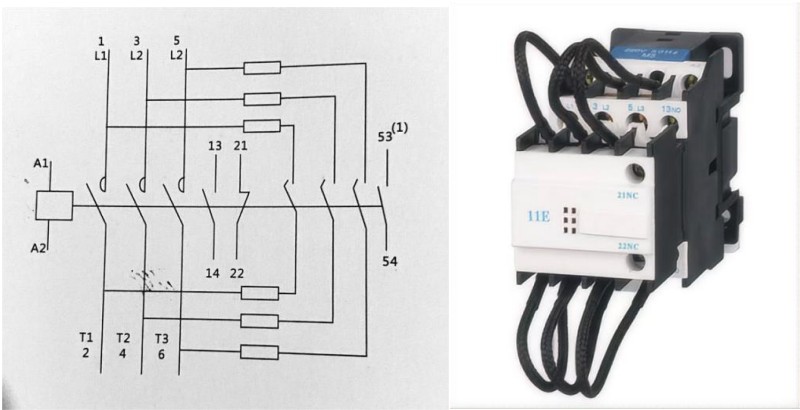
CJ19 Condenser contactor

CJ19 series switching condenser contactor (hereinafter referred to as contactor) is mainly used in power lines with AC 50Hz (or 60Hz) and rated working voltage up to 400V, for low-voltage reactive power compensation equipment to put into operation or cut off low-voltage parallel capacitors. The contactor is equipped with a surge suppression device, which can effectively reduce the impact of the closing surge on the capacitor and suppress the overvoltage during disconnection. '

Working conditions

- ◆ Ambient temperature: -5℃~+40℃ , the average value within 24 hours does not exceed +35℃ ;
- Altitude: no more than 2,000m;
- Atmospheric conditions: When the maximum temperature is +40℃ , the relative humidity of the air does not exceed 50%; higher relative humidity can be allowed at lower temperatures, such as 90% at 20℃ . Special measures should be taken for occasional condensation due to temperature changes;
- ◆ Pollution level: 3;
- ◆ Installation category: Category III;
- ◆ Installation conditions: The inclination between the installation surface and the vertical surface is not greater than ±5°;
- ◆ Impact and vibration: The product should be installed and used in a place without significant shaking, impact and vibration.

Wiring diagram

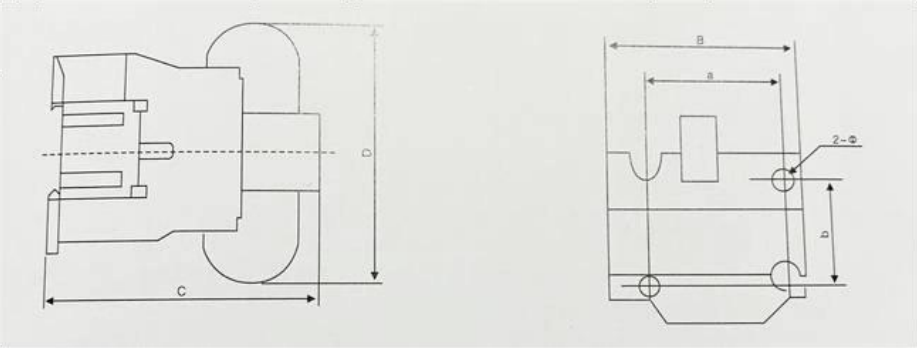


Key parameters and performance

Parameters		CJ19-25	CJ19-32	CJ19-43	CJ19-63	CJ19-95	CJ19-115	CJ19-150	CJ19-170
Rated current Ie(AC-6b,380V)(A)		17	23	29	43	72.2(400V)	87(400V)	115(400V)	130(400V)
Controllable capacitor capacity (kvar)	220V	6	9	10	15	28.8(240V)	34.5(240V)	46(240V)	52(240V)
	380V	12	18	20	30	50(400V)	60(400V)	80(400V)	90(400V)
Rated insulation voltage (V)		500	500	500	500	500	690	690	690
Surge suppression capability				20Ie					
Action conditions		Pull-in: (85%~110%)Us; Release: (20%~75%)Us							
Coil power (VA) start/hold		70/8	110/11	110/11	200/20	200/20	660/85.5	660/85.5	660/85.5
Auxiliary contact control capacity		AC-15:Ie:0.95A 380V/400V DC-13:Ie:0.15A 220V/250V Ith:10A							
Weight (kg)		0.44	0.63	0.64	1.4	1.5	3.45	3.45	3.45

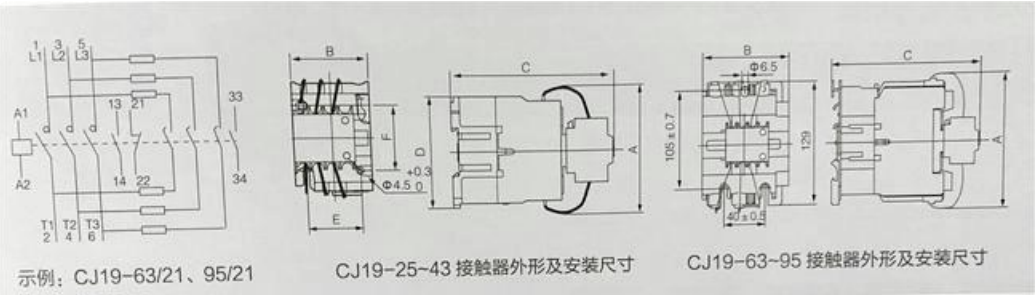
Appearance and installation

In addition to being installed with screws, the container can also be installed with a rail.



Model	Appearance				Installation		Specifications	
型号	A	B	C	D	a	b	Φ	卡规
CJ19-25□□	84	56	130	140	40	50/60	4.5	35
CJ19-32□□	87	58	136	140	40	50/60	4.5	35
CJ19-43□□	87	58	136	140	40	50/60	4.5	35
CJ19-63□□	127	79	150	180	40	100/110	6.5	35 或 75
CJ19-80□□	127	85	160	200	40	100/110	6.5	
CJ19-95□□	127	85	160	200	40	100/110	6.5	

Example



Model: CJ19-32

CJX2 AC contactor

CJX2 series AC contactors (hereinafter referred to as contactors) are mainly used in circuits with AC 50Hz or 60Hz, voltage up to 690V, rated working current up to 95A under AC-3, 400 (380)V use categories, for remote connection and disconnection of circuits, frequent starting and control of AC motors, and can be used with appropriate thermal relays to form electromagnetic starters to protect circuits that may be overloaded.

Compliance: GB/T14048.4, IEC 60947-4-1.

Working conditions and installation

- ◆ Ambient temperature: -5℃~+40℃, the average value within 24 hours does not exceed +35℃;
- Altitude: no more than 2,000m;
- ◆ Atmospheric conditions: When the maximum temperature is +40℃, the relative humidity of the air shall not exceed 50%; higher relative humidity can be allowed at lower temperatures, such as 90% at 20℃. Special measures should be taken for occasional condensation due to temperature changes;
- ◆ Pollution level: 3;
- ◆ Installation category: Category III;
- ◆ Installation conditions: The inclination between the installation surface and the vertical surface shall not exceed ±5°;
- ◆ Impact and vibration: The product should be installed and used in a place without significant shaking, impact and vibration.

Key parameters and performance

AC Contractor

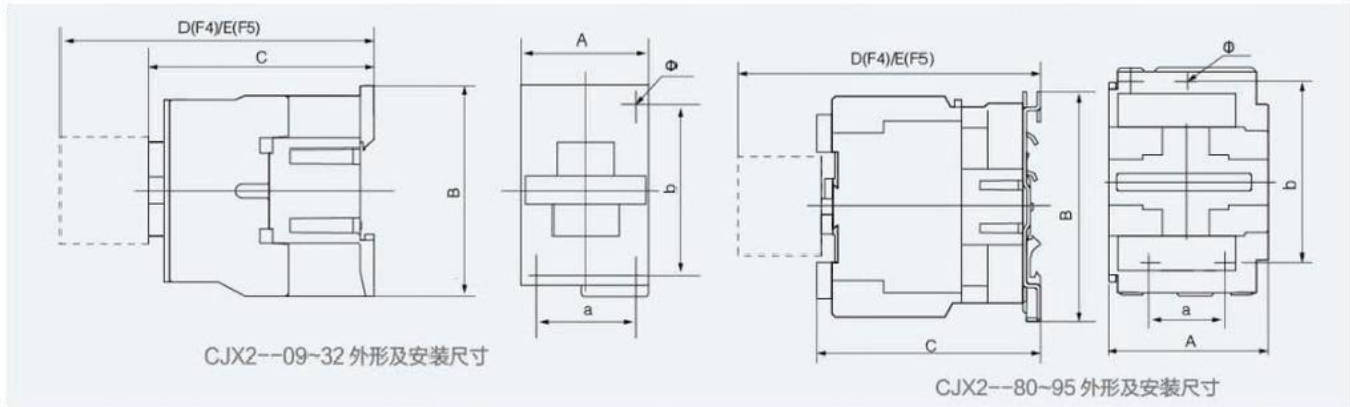
Model			CJxo -09	CJX2 -12	CJX2 -18	CJX2 -25	CJX2 -32	CJX2 -40	CN? -50	CJX2 -65	CJX2 -80	CJX2 -95
Rated working current (A)	400(380)V	AC-3	9	12	18	25	32	40	50	65	80	95
		AC-4	3.5	5	7.7	8.5	12	8.5	24	28	37	44
	690(660)V	AC-3	6.6	8.9	12	18	21	34	39	42	49	49
		AC-4	1.5	2	3.8	4.4	7.5	9	12	14	17.3	21.3
Conventional free air heating current (A)			20	20	32	40	50	60	80	80	95	95
Rated insulation voltage (V)			690	690	690	590	690	690	690	690	690	690
Controllable three-phase Motor power (AC-3)kW		230(220)V	2.2	3		5.5	75	11	15	18.5	22	25
		400(380)V	4	5.5	7.5	11	15	18.5	22	30	37	45
		690(660)V	5.5	7.5	10	15	18.5	30	37	37	45	45
Operation frequency (times/h)	Electrical life Mechanical life	AC-3	1200	1200	1200	1200	600	600	600	600	600	600
		AC-4	300	300	300	300	300	300	300	300	300	300
			3600	3600	3600	3600	3600	3600	3600	3600	3600	3600
			100	100	100	100	80	80	60	60	60	60
Electrical life (10,000 times)	AC-3		100	100	100	100	80	80	60	60	60	60
	AC-4		20	20	20	20	20	15	15	15	10	10

Key parameters and performance

AC Contractor

Model			CJX2-09		CJX2-12		CJX2-18		CJX2-25		CJX2-32		CJX2-40		CJX2-50		CJX2-65		CJX2-80		CJX2-95	
			1000		1000		1000		1000		800		800		800		800		600		600	
Mechanical life (10,000 times)			RT16-20		RT16-20		RT16-32		RT16-40		RT16-50		RT16-63		RT16-80		RT16-80		RT16-100		RT16-125	
Cold pressed terminal	Non-prefabricated terminal soft wire	Piece	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
		mm²	1	1	1	1	1.5	1.5	1.5	1.5	2.5	2.5	6	4	6	4	6	4	10	6	10	6
			2.5	2.5	2.5	2.5	4	4	4	4	6	6	25	10	25	10	25	10	35	16	35	16
		mm²	1	1	1	1	1.5	1.5	1.5	1.5	2.5	2.5	6	4	6	4	6	4	10	6	10	6
			4	2.5	4	2.5	6	4	10	6	10	6	25	10	25	10	25	10	35	16	35	16
		Non-prefabricated terminal hard wire	mm²	1	1	1	1	1.5	1.5	1.5	1.5	2.5	2.5	6	4	6	4	6	4	10	6	10
	4			4	4	4	6	6	6	6	10	10	25	10	25	10	25	10	35	16	35	16
	AC Coil Power	50Hz	Pull-in (VA)	70		70		70		110		110		200		200		200		200		200
Hold (VA)			9.0		9.0		9.5		14.0		14.0		57.0		57.0		57.0		57.0		57.0	
Power (W)			1.8~2.7		1.8~2.7		3~4		3~4		3~4		6~10		6~10		6~10		6~10		6~10	
Action range			Pull-in voltage: 85%Us~110%Us; Release voltage: 20%Us~75Us																			
Auxiliary contacts			AC-15:le:0.95A 380V/400V DC-13:le:0.15A 220V/250V Ith:10A																			

Appearance and installation (mm)



Contractor	A max	B max	C max	D max	E max	a	b	φ
CJX2-09~12	47	76	82	120.5	140.5	34/35	56/60	4.5
CJX2-18	47	76	87	125.5	145.5	34/35	50/60	4.5
CJX2-25	57	86	95	133.5	153.5	40	48	4.5
CJX2-32	57	86	100	138.5	158.5	40	48	4.5
CJX2-4008~6508	84	129	127	154.5	174.5	40	105	6.5
CJX2-8011~9511	87	129	127	165.5	185.5	40	105	6.5

Model CJX2-18

Model CJX2-32

Model CJX2-65