



CJ19 Series Capacitor Contactors

1.General

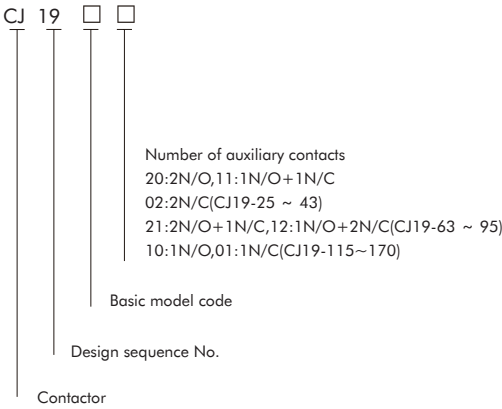
- 1.1 Electric ratings: AC50/60Hz, up to 690V;
- 1.2 Standard: IEC/EN 60947-4-1



4. Technical data

Item		CJ19-25	CJ19-32	CJ19-43	CJ19-63	CJ19-95	CJ19-115	CJ19-150	CJ19-170
Controll able capacitor Capacity kvar	220/230V	6.7	10	15	20	35	40	46	52
	380/400V	12.5	20	25	33.3	50	60	80	90
	660/690V	18	26	36	48	92	100	120	130
Rated Isolation Voltage Ue V		690							
Rated Operational Voltage Ue V		220/230V,380/400V,660/690V							
Conventional thermal current I th A		25	32	43	63	95	200	200	275
Reted Operational currentle A(380V)		17	23	29	43	72.2	87	115	130
Restrained surge capacity		20 le							
Capacity of Auxiliary contact		AC-15:le:0.95A Ue:380/400V DC-13:le:0.15A Ue:220/250V Conventional thermal currentIth:10A							
Operating Frequency cycles/h		120							
Electrical durability 10 ⁴		10					2		
Mechanical durability 10 ⁴		100					300		

2.Type designation

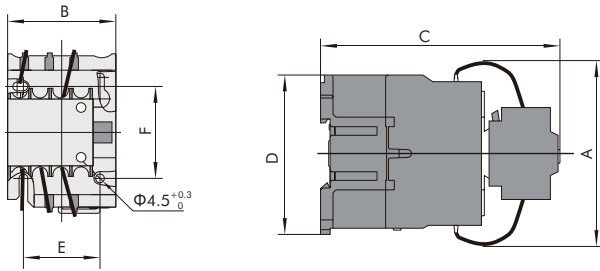


3. Operating conditions

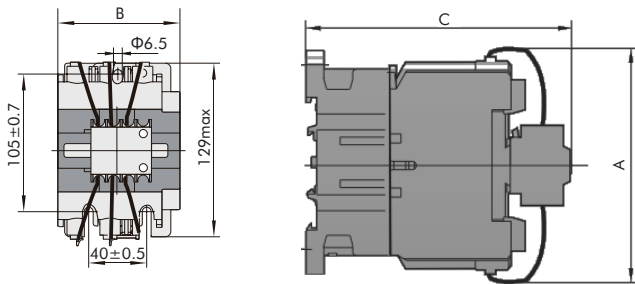
- 3.1 Ambient temperature: -5°C ~+40°C , the average during 24 hours should not exceed +35°C ;
- 3.2 Altitude:≤ 2000m;
- 3.3 Atmosphere conditions: At mounting site, relative humidity not exceed 50% at the max temperature of +40 °C , higher relative humidity is allowable under lower temperature. For example, RH could be 90% at +20°C , special measures should be taken to occurrence of dews;
- 3.4 Pollution degree: 3
- 3.5 Installation category: III
- 3.6 Installation conditions : the inclination between installation plane and vertical plane is within ±5 °
- 3.7 Impact and shake: the products should locate in the places where there are no obvious impact and shake.
- 3.8 Protection class: IP10

5. Overall and mounting dimensions (mm)

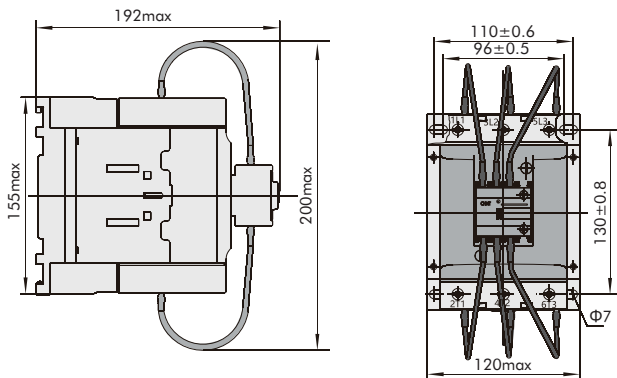
CJ19-25~43



CJ19-63~95



CJ19-115~170



Model	Amax	Bmax	Cmax	Dmax	E	F	Note
CJ19-25	80	47	124	76	34/35	50/60	Not only fixed by screws but also could be fixed with 35mm din rail
CJ19-32	90	58	132	86	40	48	
CJ19-43	90	58	136	86	40	48	
CJ19-63	132	79	150	-	-	-	Not only fixed by screws but also could be fixed with 35mm and 75mm din rail
CJ19-95	135	87	158	-	-	-	
CJ19-115	200	120	192	155			Not only fixed by screws but also could be fixed with two 35mm din rail
CJ19-150	200	120	192	155			
CJ19-170	200	120	192	155			

6. Wiring and installation

6.1 The connection terminals are protected through insulation cover, which is reliable and secure for installation and operation;

6.2 For CJ19-25~43, screws are available for installation, as well as the DIN rail;

for CJ19-63~95, 35mm or 75mm standard rail are available for installation.

for CJ19-115~170, screws are available for installation, as well as two 35mm DIN rail.

Ith	Main Contacts	Auxiliary Contacts	Coil	Model Description	Code
115A	3P	1NC	AC 240V 50/60Hz	CJ19-115/01 240V 50/60Hz	219943
115A	3P	1NC	AC 415V 50/60Hz	CJ19-115/01 415V 50/60Hz	219952
115A	3P	1NC	AC 110V 50/60Hz	CJ19-115/01 110V 50/60Hz	244382
115A	3P	1NC	AC 127V 50/60Hz	CJ19-115/01 127V 50/60Hz	244383
115A	3P	1NC	AC 220V 50/60Hz	CJ19-115/01 220V 50/60Hz	244384
115A	3P	1NC	AC 380V 50/60Hz	CJ19-115/01 380V 50/60Hz	244385
115A	3P	1NC	AC 380V 50Hz	CJ19-115/01 380V 50Hz	244386
115A	3P	1NC	AC 415V 50Hz	CJ19-115/01 415V 50Hz	244387
115A	3P	1NO	AC 240V 50/60Hz	CJ19-115/10 240V 50/60Hz	219944
115A	3P	1NO	AC 110V 50/60Hz	CJ19-115/10 110V 50/60Hz	244388
115A	3P	1NO	AC 127V 50/60Hz	CJ19-115/10 127V 50/60Hz	244389
115A	3P	1NO	AC 220V 50/60Hz	CJ19-115/10 220V 50/60Hz	244390
115A	3P	1NO	AC 230V 50/60Hz	CJ19-115/10 230V 50/60Hz	244391
115A	3P	1NO	AC 380V 50/60Hz	CJ19-115/10 380V 50/60Hz	244392
115A	3P	1NO	AC 380V 50Hz	CJ19-115/10 380V 50Hz	244393
115A	3P	1NO	AC 220V 50Hz	CJ19-115/10 220V 50Hz	244570
150A	3P	1NC	AC 240V 50/60Hz	CJ19-150/01 240V 50/60Hz	219946
150A	3P	1NC	AC 110V 50/60Hz	CJ19-150/01 110V 50/60Hz	244394
150A	3P	1NC	AC 127V 50/60Hz	CJ19-150/01 127V 50/60Hz	244395
150A	3P	1NC	AC 220V 50/60Hz	CJ19-150/01 220V 50/60Hz	244396
150A	3P	1NC	AC 380V 50/60Hz	CJ19-150/01 380V 50/60Hz	244397
150A	3P	1NC	AC 380V 50Hz	CJ19-150/01 380V 50Hz	244398
150A	3P	1NO	AC 240V 50/60Hz	CJ19-150/10 240V 50/60Hz	219947
150A	3P	1NO	AC 110V 50/60Hz	CJ19-150/10 110V 50/60Hz	244399
150A	3P	1NO	AC 127V 50/60Hz	CJ19-150/10 127V 50/60Hz	244400
150A	3P	1NO	AC 220V 50/60Hz	CJ19-150/10 220V 50/60Hz	244401
150A	3P	1NO	AC 230V 50/60Hz	CJ19-150/10 230V 50/60Hz	244402
150A	3P	1NO	AC 380V 50/60Hz	CJ19-150/10 380V 50/60Hz	244403
150A	3P	1NO	AC 380V 50Hz	CJ19-150/10 380V 50Hz	244404
150A	3P	1NO	AC 230V 50Hz	CJ19-150/10 230V 50Hz	244414