



CJ19 Contactor for Power Factor Correction

1. General

- 1.1 Electric ratings: AC50/60Hz, up to 400V;
1.2 Standard: IEC/EN 60947-4-1



2. Type designation

CJ 19 □ □

Number of auxiliary contacts

20: 2N/O, 11: 1N/O+1N/C

02: 2N/C (CJ19-25~43)

21: 2N/O+1N/C, 12: 1N/O+2N/C (CJ19-63~95)

10: 1N/O, 01: 1N/C (CJ19-115~170)

Basic model code

Design sequence No.

Contactor

3. Operating conditions

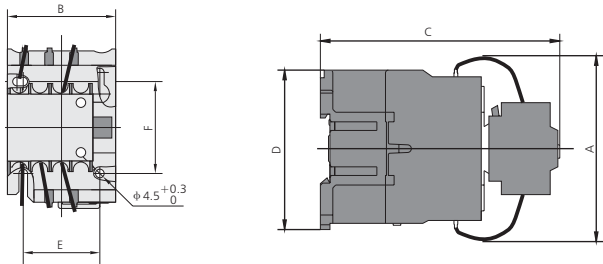
- 3.1 Ambient temperature: $-5^{\circ}\text{C} \sim +40^{\circ}\text{C}$,
the average during 24 hours should not exceed $+35^{\circ}\text{C}$;
3.2 Altitude: $\leq 2000\text{m}$;
3.3 Atmosphere conditions: At mounting site,
relative humidity not exceed 50% at the max temperature
of $+40^{\circ}\text{C}$, higher relative humidity is allowable
under lower temperature. For example,
RH could be 90% at $+20^{\circ}\text{C}$,
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 $\pm 5^{\circ}$
3.7 Impact and shake: the products should locate
in the places where there are no obvious impact and shake.

4. Technical data

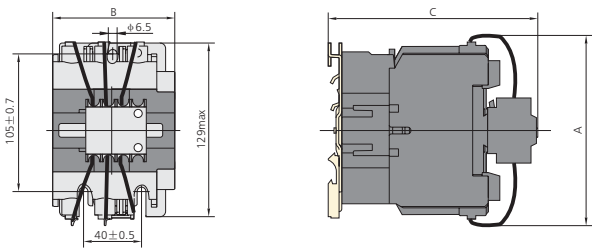
Item	CJ19-25	CJ19-32	CJ19-43	CJ19-63	CJ19-95	CJ19-115	CJ19-150	CJ19-170
Controllable capacitor 220V	6	9	10	15	28.8(240V)	34.5(240V)	46(240V)	52(240V)
Capacity 380V	12	18	20	30	50(400V)	60(400V)	80(400V)	90(400V)
Rated Isolation Voltage Ui V	500					690		
Rated Operational Voltage Ue V	220/240, 380/400							
Conventional thermal current Ith A	25	32	43	63	95	200	200	275
Rated Operational current Ie A (380V)	17	23	29	43	72.2(400V)	87(400V)	115(400V)	130 (400V)
Restrained surge capacity	20 Ie							
Controlled power voltage	110 127 220 380							
Auxiliary contact	AC-15: Ie:0.95A Ue:400(380)V DC-13: Ie:0.15A Ue:250(220)V							
Operating Frequency cycles/h	120							
Electrical durability 10 ⁴	10					2		
Mechanical durability 10 ⁴	100					300		

5. Overall and mounting dimensions (mm)

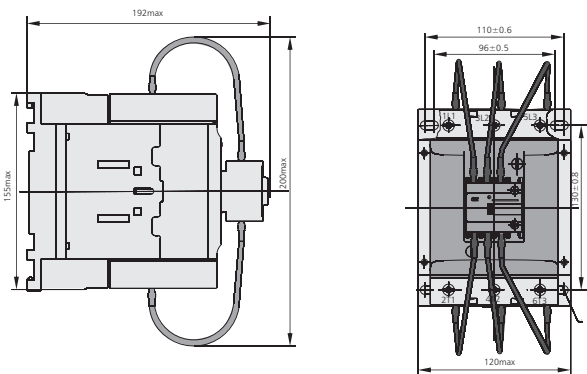
CJ19-25~43



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.