



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 (25A~43A)
21: 2N/O+1N/C, 12: 1N/O+2N/C (63A~95)

Basic model code, expressed by
conventional heating current

Design sequence No.

Contactor

3. Normal Operation 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 $\pm 50^{\circ}$
- 3.7 Impact and shake: the products should locate
in the places where there are no obvious impact and shake.

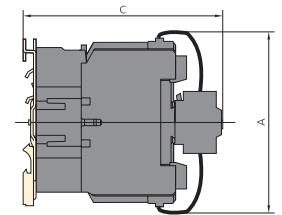
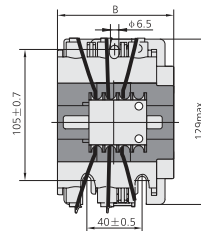
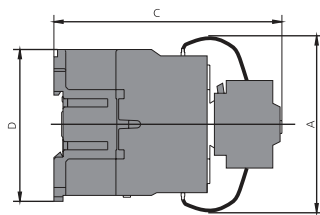
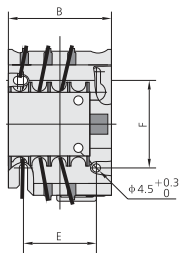
4. Technical Data

Model		CJ19-25	CJ19-32	CJ19-43	CJ19-63	CJ19-95
Electrical life ($\times 10^3$)		100	100	100	100	100
Rated current I_e (400V) A		17	23	29	43	63
Power of controlled capacitor(kVar)	220/230V AC	6	9	10	15	22
	380/400V AC	12	18	20	30	40
Rated Insulation Voltage U_i (V)		500				
Rated Operational Voltage U_e (V AC)		380				
Restrained surge capacity		20I _e				
Operation range		Pick-up: (85%~110%)U _s ; drop-out: (20%~75%)U _s				
Coil power (VA)	Start-up	70	110	110	200	200
	Holding	8	11	11	20	20
Control capacity of auxiliary contact		AC-15 360VA; DC-13 33W				
Weight (kg)		0.44	0.63	0.64	1.4	1.5

5. Overall and Mounting Dimensions (mm)

CJ19-25~43

CJ19-63~95



Model	A _{max}	B _{max}	C _{max}	D _{max}	E	F	Note
CJ19-25	80	47	124	76	34/35	50/60	Screw mount/ 35mm rail mount
CJ19-32	90	58	132	86	40	48	
CJ19-43	90	58	136	86	40	48	
CJ19-63	132	79	150				
CJ19-95	135	87	158				

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.