

用途 Purpose

CJ19C、CJ19B 型切换电容器接触器 (以下简称接触器) 都是用于通断低压并联电容器的专用接触器, 广泛用于自动补偿的无功功率补偿设备中, 适用于交流频率为 50Hz、额定工作电压至 380V 的电力系统中通断电容器至 90kvar, 以改善功率因数。

CJ19C 型切换电容器接触器是本厂参照法国 TE 公司制造的 LC1-DK (电容器接触器) 改进设计制造的。CJ19B 型是本厂早期在 CJX2 型交流接触器在 CJX2 型交流接触器基础上派生设计制造的。

接触器为积木式的, 电阻电路部分在主电路部分的上方, 电阻路为三路。主触头设计合理, 单独负荷, 工作可靠。

CJ19C & CJ19B switching capacitor contactor (for short contactor) can be used for its own only of on-off low voltage shuntwound capacitor. It used widely for no power and power equalize equipment of auto equalize. It can be fit electrical system of AC frequency 50Hz, rated voltage is below 380V, on-off capacitor is below 90kvar, improved to power factor.

The CJ19C type switching capacitor contactor is our factory improved to design made according to LC1-DK (capacitor contactor) made of TE company France. CJ19B type is our company design and made of based on CJX2 type AC contactor.

Contactor is building block type, resistance circuit parts above the main circuit, resistance circuit for three parts. The principle contact design with reason, oneself burthen working reliably.

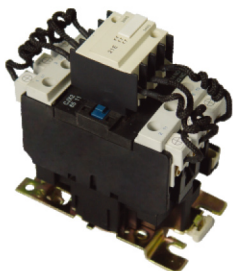


CJ19-32

正常工作条件和安装条件 Common work condition and installing condition

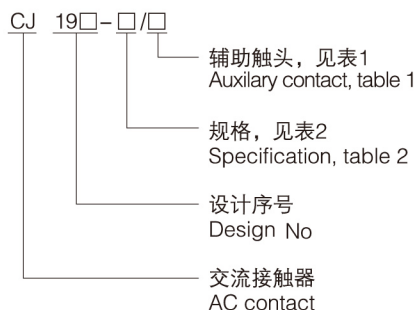
- A、周围空气温度: 上限为 +40°C, 24h 内其平均值不超过 +35°C, 下限为 -5°C;
- B、海拔: 接触器安装地点的海拔不超过 2000m;
- C、湿度: 接触器安装地点的空气相对湿度, 在温度为 +40°C 时不超过 50%, 最湿月平均最低温度不超过 +25°C, 该月平均最大相对湿度不超过 90%;
- D、污染等级: 3 级;
- E、安装类别: III 类;
- F、冲击与振动: 接触器安装在无显著摇动、冲击和震动的地方;
- G、安装条件: 接触器安装面与垂直面的倾斜度不大于 5°。

- A、Surrounding air temperature: the upper limit is +40°C, centigrade. The average degree can exceed +35°C in 24h, the lower limit is -5°C.
- B、Aititude: the contactor install place altitude can't exceed 2,000m;
- C、Humidity: the air relative lumidity of the contactor install place can't exceed 50% in +40°C, the average lowest temperature in wettest month is +25°C, and the maximal relative humidity in this month can't go beyond 90%;
- D、Pollution degree: grade 3;
- E、Install category: category III
- F、Impact and vibrate: the contactor should be installed in apparent jolty, concussion and shake place.
- G、Install condition: the obilquity of the surface between install and perpendicularity of the contactor should be less than 5° centigrade.



CJ19-63

型号及其含义 Type And Meaning



接触器型号 Type of contactor	辅助触头 Auxiliary contact	数量 Number		标志 Sign
		常开(NO)	常闭(NC)	
CJ19C-25、32、43	20E	2	-	13,14 23,24 -
	02E	-	2	- 11,12 21,22
CJ19B-25、32、43	11E	1	1	13,14 21,22
CJ19C-63、80、95 CJ19B-63	21E	2	1	13,14 33,34 21,22
	12E	1	2	13,14 21,22 31,32
CJ19C-115、 150、170	10E	1	-	13,14 -
	01E	-	1	- 11,12

技术参数(见表2)Main Technical Parameters(Table2)

表2 Table 2

型号Type		CJ19C-25 (CJ19B-25)	CJ19C-32 (CJ19B-32)	CJ19C-43 (CJ19B-43)	CJ19C-63 (CJ19B-63)	CJ19C-80	CJ19C-95	CJ19C-115	CJ19C-150	CJ19C-170
可控电容量 400V Controlling Capacitor	容量 Qn kvar Capability	12	15	20	32	40	50	60	80	90
	额定电流 In② A Rated current	17.3	21.6	29	46	58	72	87	115	130
	工作电流 Working current	22.5	28	37.7	60	75	94	113	150	169
	约定发热电流 Conventional thermal current	26	32	43	69	87	108		250	
	抑制涌流能力 Restrain flow ability	20In								
	工作电压 Working voltage 50Hz Us	220,380或按用户要求 According to client need								
	动作范围 Action area	0.85~1.1Us								
	消耗功率 VA Consume power	115 11		200 20		300 22				
	短路保护熔断器额定电流选定 Short circuit protect rated current	1.5~2.5In								
	额定绝缘电压 Ui 50Hz V Rated insulated volage	500			660			1000		
	辅助触头约定发热电流AC15 A Conventional thermal current of auxiliary contacts	10								
	机械寿命 Mechanical life	万次 Ten thousand times 100		80		60		20		
	电寿命操作频率 120 1/h Electrical life working frequency	万次 Ten thousand times 10		8		6		2		
	重量 Weight Kg	约 About 0.57		约 About 0.6		约 1.25 About		约 1.5 About		约 2.3 About

注：1.CJ19C型的基本技术性能与CJ19B型相同，不同之外为电阻电路在完成抑制涌流作用之后即与电路脱离。 2.In-电容器额定电流。

Note:1.CJ19C type was the same with CJ19B type for basic technical performance, it was different only in the restrain flow ability operation end and moved the circuit of resistance circuit. 2.In express the rated current of capacitor

外形及安装尺寸 Outline & Mounting Size

CJ19C-25、32、43与CJ19B-25、32、43型接触器可用M4螺钉和防松垫圈安装，也可使用35mm安装轨安装；

CJ19C-63、80、95与CJ19B-63型接触器可用M6螺钉和防松垫圈安装，也可使用35mm或75mm安装轨安装。

CJ19C-115、150、170型接触器可用M6螺钉和防松垫圈安装，也可使用两条35mm安装轨安装，两导轨中心距离为100mm。

CJ19C-25、32、43与CJ19B-25、32、43型的外形尺寸及安装尺寸见图4；CJ19C-63、80、95与CJ19B-63型的外形及安装尺寸见图5。

CJ19C-115、150、170型的外形及安装尺寸见图6。

CJ19B-25、32、43 & CJ19C-25、32、43 type are installed with the M4 screw, the counter-loose gasket of 35mm installing rail.

CJ19B-63、80、95 type contactors can be installed with the M6 screw, the counter loose gasket and 35mm or 75mm installing rail.

The CJ115、150、170 type contactors can be installed with the M6 screw, the counter loose gasket and 35mm installing rail. The distance of the both paths is 100 millimeter. The looking and installing size of the CJ19B-25、32、43 & CJ19C-25、32、43 type is following the chart NO.4, the CJ19B-63 & CJ19C-63、80、95's does the NO.5.

CJ19C-115、150、170's does the NO.6.

