

应用 Applications

适用于交流50\60Hz, 电压至1000V, 电流至1600A电路中控制各种类型的电动机,
控制电阻、电感和电容性电路: 加热、照明、功率补偿、变压器
控制配电电路、工业配电, 绿色电源配电

对于动作频繁, 使用条件恶劣, 建议使用快速动作线圈

In circuit of AC 50\60Hz, voltage up to 1000V,
current up to 1600A, controlling motors of
different types.

Control resistance, inductive, capacitive loads:
heating, lighting, power compensation and
transformer

Control distribution circuit, industrial distribution,
green energy distribution

For harsh environment and frequent operations,
quick operating coils are recommend.



额定工作 电流A Rated operational current A	le max AC-3 (Ue≤440V)	115	150	185	225
	le max AC-1 (θ ≤40℃)	200	250	275	315
额定工作电压 V Rated operational voltage V	max	1000	1000	1000	1000
主触头数(常开) Number of contacts(N/O)		3或4	3或4	3或4	3或4
额定功率kW AC-3类别 3、4极 Rated operational power KW AC-3 3、4poles	220/240V	30	40	55	63
	380/400V	55	75	90	100
	415V	59	80	100	110
	440V	59	80	100	110
	500V	75	90	110	129
	660/690V	80	100	120	129
	1000V	65	65	100	140
配用的熔断 器(SCPD) (SCPD) Short-circuit protection by fuse	型号 Model	RT16-1	RT16-1	RT16-2	RT16-2
	额定电流(A) Rated current	200	250	315	315
选配辅助块 ^{II} Optional parts	辅助触头组: F4-DN 空气延时组: LA1 /LA2 /LA3 Auxiliary contact blocks: F4-DN Air time delay auxiliary contacts: LA1/LA2/LA3				
接触器型号 Contactors		CJX2-F 115	CJX2-F 150	CJX2-F 185	CJX2-F 225
重量 (Kg) Weight (Kg)		3.6	3.7	4.6	4.7
商品编号 Product No.	三极 3 pole	0000	0001	0002	0003
	四极 4 pole	0012	0013	0014	0015
	二极 2 pole				



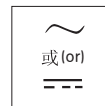
265	330	400	500	630	780	800
350	400	500	700	1000	1600	1000
1000	1000	1000	1000	1000	1000	1000
3 or 4	2、3 or 4	2、3 or 4	2、3 or 4	2、3 or 4	2、3 or 4	3
75	100	129	147	200	220	220
132	160	200	250	335	400	400
140	180	220	280	375	425	425
140	180	220	280	375	425	425
160	200	257	335	400	450	450
180	220	280	355	450	475	475
147	160	185	335	450	450	450
RT16-2	RT16-3	RT16-3	RT16-3	RT16-3	RSG-5	RT16-4
400	500	500	500	630	1600	800

CJX2-F 265	CJX2-F 330	CXJ2-F 400	CJX2-F 500	CJX2-F 630	CJX2-F 780	CJX2-F 800
7.1	8.5	8.5	10.8	17.4	40.0	19.0
0004	0005	0006	0007	0008	0009	0010
0016	0017	0018	0019	0020	0021	
	0025	0026	0027	0028	0029	

CJX2-F系列接触器 115至800A

控制电路：交流或直流供电 AC/DC

CJX2-F Contactors From 115 to 800A Control circuit AD/DC



型 号 Contactors			CJX2-F 115	CJX2-F 150	CJX2-F 185	CJX2-F 225
主触点特性 Pole characteristics						
主触点的极数 Number of Poles			3或4 /3 or 4	3或4 /3 or 4	3或4/3 or 4	3或4/3 or 4
额定工作电流 (I _e)(U _e ≤440V) Rated operational current (U _e ≤400V)	I _n AC-3, θ ≤55℃	A	115	150	185	225
	I _n AC-1, θ ≤40℃	A	200	250	275	315
额定工作电压(U _e) Rated operational voltage (U _e)	最高为 Max.	V	1000	1000	1000	1000
频率限制 Frequency limits	工作电流下的频率(1) Frequency under operating current (1)	Hz	16 ^{2/3} ...200	16 ^{2/3} ...200	16 ^{2/3} ...200	16 ^{2/3} ...200
约定发热电流 Conventional thermal current	θ ≤40℃	A	200	250	275	315
接通能力 Making capacity	I _{rms} 符合GB14048.4 I _{rms} conforming to GB14048.4	A	接通电流:10X _{Ie} (AC-3)或12X _{Ie} (AC-4) Making current 10X _{Ie} (AC-3) or 12X _{Ie} (AC-4)			
分断能力 Breaking capacity I _{rms}	I _{rms} 符合GB14048.4 I _{rms} conforming to GB14048.4	A	接通分断电流8X _{Ie} (AC-3) 或10X _{Ie} (AC-4) Making and breaking current 8X _{Ie} (AC-3) or 10X _{Ie} (AC-4)			
短时耐受电流 从冷态开始, 此前60分钟无电流, θ ≤40℃ Short time rating From cold state, no current in previous 60 mins θ ≤40℃	10秒 10 Secs	A	1100	1200	1500	1800
	30秒 30 Secs	A	640	700	920	1000
	1分钟 1 Min	A	520	600	740	850
	3分钟 3 Min	A	400	450	500	560
	10分钟 10 Min	A	320	350	400	440
每极平均阻抗 Average impedance per pole	I _{th} 及50Hz下 I _{th} 50Hz	mΩ	0.37	0.35	0.33	0.32
额定工作电流下 每极耗散功率 Power dissipation per pole for the above operational currents	AC-3	W	5	8	12	16
	AC-1	W	15	22	25	32
接线端可配线排、线缆 Cabling θ ≤55℃	最大截面积 线排数线排尺寸 The maximum cross-sectional area number of cables dimension of cables	m m ²	2 20X3	2 25X3	2 25X3	2 32X3
(θ ≤55℃)	带有接片的线缆 Cable with tabs	m m ²	95	120	150	185
	带有连接器线缆 Cables with connectors	m m ²	95	120	150	185
	螺钉直径 Bolt diameter	m m	φ 6	φ 8	φ 8	φ 10
紧固扭矩 Tightening torque	电路连接 Cable connection	N.m	10	18	18	35

(1) 无干扰的正弦波形。
(1) Sinusoidal without interference.

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3或4/3 or 4	2、3或4/2、3 or 4	2、3或4/2、3 or 4	2、3或4/2、3 or 4	2、3或4/2、3 or 4	2、3或4/2、3 or 4	3
265	330	400	500	630	780	800
350	400	500	700	800	1600	1000
1000	1000	1000	1000	1000	1000	1000
16 ^{2/3...200}	16 ^{2/3...200}	16 ^{2/3...200}	16 ^{2/3...200}	16 ^{2/3...200}	16 ^{2/3...200}	16 ^{2/3...200}
350	400	500	700	900	1600	1000

2200	2650	3600	4200	5050	6250	5500
1230	1800	2400	3200	4400	5600	4600
950	1300	1700	2400	3400	4600	3600
620	900	1200	1500	2200	3000	2600
480	750	1000	1200	1600	2200	1700
0.3	0.28	0.26	0.18	0.12	0.10	0.12
21	30	42	45	48	60	77
37	45	65	88	77	250	120
2 32X4	2 30X5	2 30X5	2 40X5	2 60X5	2 100X5	2 60X5
240	240	2X150	2X240	—	—	—
240	—	—	—	—	—	—
φ 10	φ 10	φ 10	φ 10	φ 12	φ 12	φ 12
35	35	35	35	58	58	58

特性 Characteristics

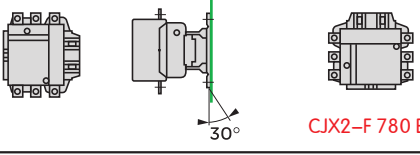
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控制电路：交流或直流供电 AC/DC

CJX2-F Contactors From 115 to 800A

Control circuit AD/DC



型 号 Contactors	工作条件 Environment		CJX2-F 115	CJX2-F 150	CJX2-F 185	CJX2-F 225
额定绝缘电压 (Ui) Rated insulation voltage (Ui)	符合 IEC60974-4-1 标准 Conforming to standards IEC60947	V	1000	1000	1000	1000
额定冲击耐受电压 (Uimp) Rated impulse withstand voltage (Uimp)		KV	8	8	8	8
额定工作电压 (Ue) max Rated operational voltage (Ue) max		V	1000	1000	1000	1000
工作电流频率范围 Operational current frequency range		Hz	25—400			
符合标准 Conforming to standards			IEC60947, GB14048, EN60947			
周围的工作环境温度 Ambient air temperature	贮存 Storage	℃	-60...+80			
	运行 Operation	℃	-5...+55			
	最大允许温度范围 ¹⁾ Permissible for operation ¹⁾	℃	-40...+70			
运行海拔高度 Maximum operating altitude		m	2000			
	允许运行海拔高度 Operating altitude allowed	m	3000			
湿度 Humidity			+40℃时相对湿度不超过50%,低于40℃时最大湿度不超过90% Maximum relative humidity less than 50% below 40 °C, Maximum relative humidity less than 90% below 20 °C.			
抗冲击性能 1/2正弦波=11ms Impact resistance capability 1/2 sine wave = 11ms	接触器打开 Contactor opens		9gn	9gn	7gn	7gn
	接触器闭合 Contactor closes		15gn	15gn	15gn	15gn
抗震性能 5...150Hz anti-seismic performance	接触器打开 Contactor opens		2gn	2gn	2gn	2gn
	接触器闭合 Contactor closes		4gn	4gn	4gn	4gn
污染等级 anti-seismic performance			“污染等级 III” Pollution degree III			
防护等级 Degree of protection	主电路 Main circuit		IP20防止手指直接接触(安装电源端子保护罩) ²⁾ Avoid direct contact with the finger (install terminal protection cap)			
	线圈接线端 Coil terminals		IP20防止手指直接接触 Avoid direct contact with the finger			
安装方法 Mounting method	不降容 Without derating		 CJX2-F 780 Exclude			
	降容 ³⁾ With derating		 使用以下降容系数, 吸合电压为: 0.75, 释放电压为: 0.9, AC-1类工作电流为0.8。 Use derating factors as follows: Operation voltage: 0.75, drop-out voltage: 0.9, AC-1 category operating current: 0.8. 使用以下降容系数, 吸合电压为: 1.15, 释放电压为: 1.1, AC-1类工作电流为0.8。 Use derating factors as follows: Operation voltage: 1.15, drop-out voltage: 1.1, AC-1 category operating current: 0.8.			
	禁止 Forbidden					
操作频率 Operating frequency	AC-1, AC-2, AC-3	次/h Cycles/h	1200	1200	1200	1200
	AC-4	次/h Cycles/h	300	300	300	300
控制电路特性 额定控制电压(Uc) Control circuit characteristics Rated control voltage (Uc)	50/60Hz	V	24—660(请在定货时指出控制电压规格, 默认为220V) Please specify control voltage when placing orders, default voltage is 220V.			
动作电压 (θ ≤ 55℃) Control voltage limits (AC) (θ ≤ 55℃)	吸合电压 Operation voltage	V	0.85—1.1Uc			
	释放电压(AC) Drop-out voltage (AC)	V	0.2—0.75Uc			
	释放电压(DC) Drop-out voltage (DC)	V	0.1—0.75Uc			
平均功耗50Hz Average power 50Hz	启动(AC) Inrush (AC)	VA	550	550	810	810
	吸持(AC) Sealed (AC)	VA	45	45	55	55
	启动(DC) Inrush (DC)	VA	550	550	740	740
	吸持(DC) Sealed (DC)	VA	4	4	4.2	4.2

特 性
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1000	1000	1000	1000	1000	1000	1000
8	8	8	8	8	8	8
1000	1000	1000	1000	1000	1000	1000

6 gn	6 gn	6 gn	6 gn	6 gn	5 gn	6 gn
15 gn	15 gn	15 gn	15 gn	15 gn	15 gn	15 gn
2 gn	2 gn	2 gn	2 gn	2 gn	2. 5 gn	2 gn
5 gn	5 gn	4 gn	4 gn	4 gn	5. 5 gn	4 gn

1200	600	600	600	600	600	600
300	300	300	300	300	300	300

1200	600	1000	1050	1500	1900	1600
85	10	12	16	20	45	22
660	660	920	1000	1420	1960	1450
3. 7	3. 7	4	4. 5	6. 5	42	7

Note: 1) Under these conditions, F type coils are recommended for contactors from CJX2-F115 to CJX2-F225.
2) Separate terminal covers could be provided for contactors from CJX2-F115 to 630.
3) Under the circumstances, making and breaking capacity, electric and mechanic durability are not clear.