

CJX2-(LC1-D) 系列交流接触器 CJX2-(LC1-D) Series AC Contactor

范围使用 Application

CJX2-(LC1-D) 系列交流接触器适用于交流 50Hz(或 60Hz), 额定电压至 660V, 额定电流至 95A 的电路中作为接通与分断电路及频繁启动与控制交流电动机之用。与辅助触点排、延时及机械连锁装置等组合时, 可作为延时接触器、机械连锁接触器及星三角启动器。可与热继电器组合成电磁启动器。产品的生产符合 IEC947-2、VDE0660 及 BS5452 标准。

CJX2-(LC1-D) series AC contactors are suitable for making and breaking circuits and frequently starting and controlling AC motors in circuits with AC 50Hz (or 60Hz), rated voltage up to 660V, and rated current up to 95A. When combined with auxiliary contact bank, time delay and mechanical interlock device, etc., it can be used as time delay contactor, mechanical interlock contactor and star-delta starter. It can be combined with a thermal relay to form an electromagnetic starter. The production of the products complies with the standards of IEC947-2, VDE0660 and BS5452.



CJX2-(LC1-D)09,12



CJX2-(LC1-D)25



CJX2-(LC1-D)80,95

型号 model		CJX2-(LC1-D)09	CJX2-(LC1-D)12	CJX2-(LC1-D)18	CJX2-(LC1-D)25	CJX2-(LC1-D)32
额定工作 rated work	AC3	9	12	18	25	32
电流 electric current	AC4	3.5	5	7.7	8.5	1
AC3 三相容量 AC3 three-phase capacity	220/230V	2.2	3	4	5.5	12
三相鼠笼式电动机 Three-phase squirrel cage motor	380/400V	4	5.5	7.5	11	7.5
AC3(kW)	415V	4	5.5	9	11	15
	440V	4	5.5	9	11	15
	500V	5.5	7.5	10	15	18.5
	660/690V	5.5	7.5	10	15	18.5
额定热电流 Rated thermal current	AC4×I04	20	20	32	40	50
电气寿命 Electrical life	AC3×I06	20	20-15	20-7	15-7	15-7
		2	2	2	2	2
机械寿命 Mechanical life		20	20	20	20	20
触点数量 Number of contacts		3P+NO				
		3P+NC				

型号 model		CJX2-(LC1-D)40	CJX2-(LC1-D)50	CJX2-(LC1-D)65	CJX2-(LC1-D)85	CJX2-(LC1-D)95
额定工作 rated work	AC3	40	50	65	80	95
电流 electric current	AC4	18.5	24	28	37	44
AC3 三相容量 AC3 three-phase capacity	220/230V	11	15	18.5	22	25
三相鼠笼式电动机 Three-phase squirrel-cage motor	380/400V	18.5	22	30	37	45
AC3(kW)	415V	22	25	37	45	45
	440V	22	30	37	45	45
	500V	22	30	37	55	55
	660/690V	30	33	37	45	45
额定热电流 Rated thermal current		60	80	80	125	125
电气寿命 Electrical life	AC4×I04	10-7	7	7-6	7-5	7-5
	AC3×I06	2	2	1.6	1.6	1.6
机械寿命 Mechanical life		20	20	20	10	10
触点数量 Number of contacts		3P+NC+NO				

CJX2-(LC1-DN) 系列交流接触器 CJX2-(LC1-DN) Series AC Contactor

范围使用 Application

CJX2-(LC1-DN) 系列交流接触器适用于交流 50Hz(或 60Hz) , AC-3 负载使用类别时额定工作电流为 9-330A 的电路中。该产品主要用于远距离接通和分断电力线路, 亦用于交流电动机起动器的频繁启动、停车与控制。产品的生产符合 IEC60947-4-1 及 GB14048.4 标准。

CJX2-(LC1-DN) series AC contactors are suitable for AC 50Hz (or 60Hz) circuits with a rated operating current of 9-330A when the AC-3 load is used. This product is mainly used for long-distance connection and disconnection of power lines, Also used for frequent start, stop and control of AC motor starter. The production of the product complies with IEC60947-4-1 and GB14048.4 standards.



CJX2-(LC1-DN)09、12、18



CJX2-(LC1-DN)25、32、38



CJX2-(LC1-DN)40、50、65

额定工作电流 Rated working current								
le max AC-3(Ue ≤ V)		9A	12A	18A	25A	32A	38A	
leAC-1(0 ≤ 60°C)		25A		32A	40A	50A		
额定绝缘电压 Rated insulation voltage		690V						
极数 number of poles	220/240V	2.2KW	3KW	4KW	5.5KW	7.5KW	9KW	
	380/400V	4KW	5.5KW	7.5KW	11KW	15KW	18.5KW	
额定工作 rated work	415/440V	4KW	5.5KW	9KW	11KW	15KW	18.5KW	
AC-3 类别时功率 Power at AC-3 category	550V	5.5KW	7.5KW	10KW	15KW	18.5KW	18.5KW	
	600/690V	5.5KW	7.5KW	10KW	15KW	18.5KW	18.5KW	
	1000V	-	-	-	-	-	-	-
变阻器 rheostat	辅助触点范围: 至多 4 常闭或常开瞬时, 至多 1 常开 +1 常闭延时, 至多 2 常开保护触点与 2 屏接线端子可兼容手动或自动热过载继电器。Auxiliary contact range: up to 4 normally closed or normally open momentary, up to 1 normally open + 1 normally closed with delay, up to 2 normally open protective contacts and 2 screen terminals Compatible with manual or automatic thermal overload relays.							
可兼容手动或自动热过载继电器 Compatible with manual or automatic thermal overload relays	Class 10A	0.10...10A	0.10...13A	0.10...18A	0.10...32A	0.10...38A	0.10...38A	
	Class 20A	2.5...10A	2.5...13A	2.5...18A	2.5...32A	-	-	
抑制器模块 (直流与低功耗接触器内置浪涌抑制二极管) Suppressor module (DC and low power contactor built-in surge suppression diode)	变阻器 rheostat	●	●	●	●	●	●	●
	二极管 Diode	-	-	●	-	●	-	-
	RC 电路 RC circuit	●	●	●	●	●	●	●
	双向限流 Two-way current limiting	●	●	●	●	●	●	●
继电器 relay		●	●	●	●	●	●	●
接口 interface	继电器 + 过载功能 Relay + overload function	●	●	●	●	●	●	●
	固态 solid state	●	●	●	●	●	●	●
接触器型号参考 Contactor model reference	~or-3P	CJX2-(LC1-D)09	CJX2-(LC1-D)12	CJX2-LC1-D18	CJX2-(LC1-D)25	CJX2-(LC1-D)32	CJX2-(LC1-D)38	
	~4-P	-	CJX2-(LC1-D)12	-	CJX2-(LC1-D)25	-	-	
	-4P	-	CJX2-(LC1-D)12	-	CJX2-(LC1-D)25	-	-	
可逆接触器型号参考 Reversing Contactor Model Reference	~3P	CJX2-(LC1-D)09	CJX2-(LC1-D)12	CJX2-LC1-D18	CJX2-(LC1-D)25	CJX2-(LC1-D)32	CJX2-(LC1-D)38	
	-3P	CJX2-(LC1-D)09	CJX2-(LC1-D)12	CJX2-LC1-D18	CJX2-(LC1-D)25	CJX2-(LC1-D)32	CJX2-(LC1-D)38	
	~4P	-	CJX2-(LC1-D)12	-	CJX2-(LC1-D)25	-	-	
	-4P	-	CJX2-(LC1-D)12	-	CJX2-(LC1-D)25	-	-	

F4-(LA1) 系列触头块 F4-(LA1) series contact block



F4-(LA1-D)11

范围使用 Application

F4-(LA1) 系列辅助触点排安装在 CjX2-(LC1-D) 控制继电器或 CjX2-(LC1-D) 交流接触器顶部以容纳更多辅助触点。采用触点的滑动摩擦功能，该产品可自行清洁以确保电力线路的可靠。

F4-(LA1) series auxiliary contact block is installed on the top of CjX2-(LC1-D) control relay or CjX2-(LC1-D) AC contactor to accommodate more auxiliary contacts. Using the sliding friction function of the contacts, the product can clean itself to ensure the reliability of the power line.

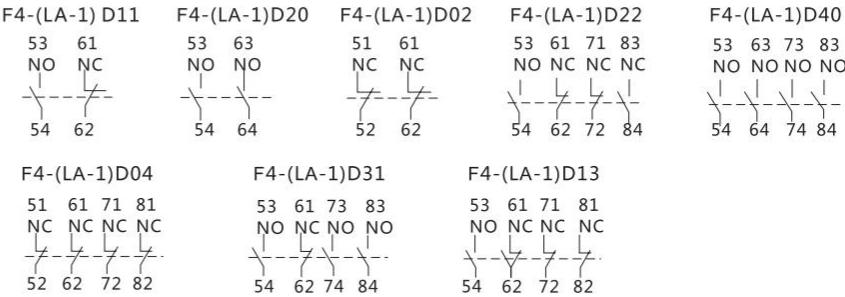
规格 Specification

型号 Type	F4-(LA1) DN02	F4-(LA1) DN11	F4-(LA1) DN20	F4-(LA1) DN22	F4-(LA1) DN40	F4-(LA1) DN04	F4-(LA1) DN13	F4-(LA1) DN31
触点数量 Contact number	2NC	NO+NC	2NO	2NO+2NC	4NO	4NC	1NO+3NC	3NO+1NC

接线图 wiring diagram



F4-(LA1-D)22

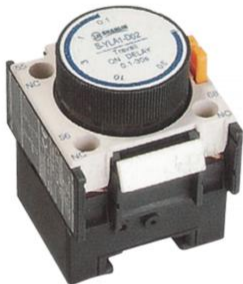


F4-(LA2) 系列触头块 F4-(LA2) series contact block

范围使用 scope of use

F4-(LA2) 延时辅助触点排用于与 CIX2-(LC1-D) 交流接触器与 F4-(LA1) 辅助触点排组成 LC3 星三角降压起动器以起电动机。

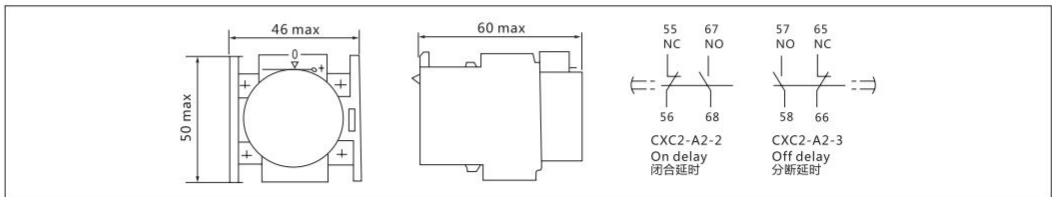
F4-(LA2) delay auxiliary contact bank is used to form LC3 star-delta step-down starter with CIX2-(LC1-D) AC contactor and F4-(LA1) auxiliary contact bank to start the motor.



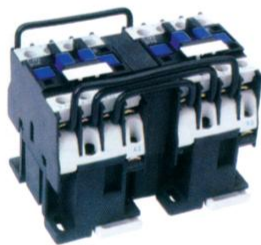
F4-(LA1-D)02

型号 Type	延时范围 Delay range	延时触点数量 Number of delay contacts
F4-(LA2)T0	0.1 ~ 3s	NO+NC
F4-(LA2)T2	0.1 ~ 30s	
F4-(LA2)T4	10 ~ 180s	
F4-(LA2)R2	0.1 ~ 30s	
F4-(LA2)R4	10 ~ 180s	
F4-(LA2)R0	0.1 ~ 3s	

外型尺寸及安转尺寸 Dimensions and rotation dimensions



CJX2-N 机械联锁接触器 CJX2-N Mechanical Interlocking Contactor



CJX2-09N

范围使用 Application

该接触器主要适用于交流 50Hz(或 60Hz), 额定电压至 660V 的电路中控制电路。其机械连锁装置可确保两只可逆接触器之间触点的转换。

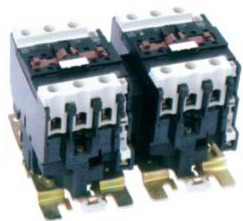
The contactor is suitable for using in the circuits up to the rated voltage 660V AC 50Hz or 600Hz, controlling the motor. It's mechanical interlocking device ensures contact changeover of the two convertible contactors.



CJX2-32N

规格 Specification

型号 Type	电气寿命 (万次) Electric life (ten thousand times)	额定电流 (A) Rated current(A)	
		220V-380V	500V-600V
CJX2-09N	20	3.5	1.5
CJX2-12N	20	5	2
CJX2-18N	20	7.7	3.8
CJX2-25N	20	8.5	4.4
CJX2-32N	20	12	7.5
CJX2-40N	15	18.5	9
CJX2-50N	15	24	12
CJX2-63N	15	28	14
CJX2-80N	10	37	17.3
CJX2-95N	10	44	21.3



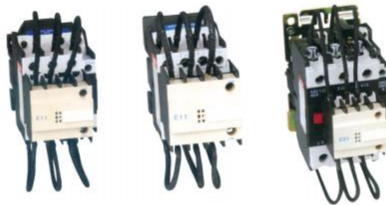
CJX2-50N



CJX2-80N

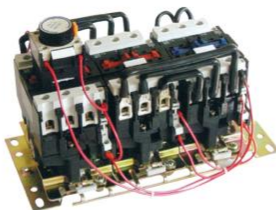
型号 Size: CJX2-N	最高额定电压 Maximum rated voltage	最高热电流 1th Maximum thermal current 1th	最高额定电流 LL: 长寿命 / NL: 普通寿命 3ph 440V 50/60HZ Maximum rated current LL: Long life/NL: Normal life 3ph 440V 50/60HZ	AC3 负载下最大标准功率等级 Maximum standard power rating under AC 3 duty					
				220V		380V		415/440V	
				KW	hp	KW	hp	hp	KW
115N	1000V	200A	-	-	-	-	-	-	-
			NL120A	30	40	55	75	60	80
1154N	1000V	200A	LL115A	30	40	55	75	60	80
			NL150A	45	60	75	100	80	110
185N	1000V	270A	-	-	-	-	-	-	-
			NL185A	55	75	90	125	100	135
1854N	1000V	270A	LL185A	55	75	90	125	100	135
			NL205A	63	85	110	150	110	150
365N	1000V	350A	-	-	-	-	-	-	-
			NL265A	75	100	132	180	140	190
3654N	1000V	350A	LL265A	75	100	132	180	140	190
			NL300A	90	125	160	220	160	220
400N	1000V	500A	-	-	-	-	-	-	-
			NL400A	110	150	200	270	220	300
4004N	1000V	500A	LL400A	110	150	200	270	220	300
			NL450A	132	180	220	300	250	340
500N	1000V	700A	LL500A	147	200	250	340	280	380
			NL630A	185	250	335	450	355	480
630N	1000V	1000V	LL630A	200	270	335	450	375	500
			NL1000A	220	300	400	540	450	610
780N	1000V	1600A	LL800A	220	300	400	540	425	570
			LL780A	280	380	500	680	530	720

QJX2 星三角起动器 QJX2 Star-delta starter



型号 Type	主回路接触器 Main return circuit of contactor			热过载继电器 Thermal overload relay		控制电机功率 Controlling power(KW)				额定工作电流 (Ie)Rated operating current (AC-3 380V)	配熔断器 NTOO
	隔离用 Isolation KM2	△运转 operation KM3	Y 运转 operation KM1	电流整定范围 Range of current(A)	型号 Type	220V	380V	415V	660V		
QJX2-12	QJX2-1210	QJX2-1201	QJX2-0901	9-13	JRS4-1310	5.5	11	11	11	20	20
QJX2-18	QJX2-1810	QJX2-1801	QJX2-1201	12-18	JRS4-1321	7.5	15	15	22	31	32
QJX2-25	QJX2-2510	QJX2-2501	QJX2-1201	17-25	JRS4-1322	11	18.5	22	25	43	50
QJX2-32	QJX2-3210	QJX2-3201	QJX2-2501	23-32	JRS4-2353	15	25	25	30	55	63
QJX2-40	QJX2-4011	QJX2-4011	QJX2-2501	30-40	JRS4-3355	18.5	33	37	37	69	80
QJX2-50	QJX2-5011	QJX2-5011	QJX2-4011	37-50	JRS4-3357	25	45	45	55	86	100
QJX2-65	QJX2-6511	QJX2-6511	QJX2-4011	55-70	JRS4-3361	30	55	59	59	112	125
QJX2-80	QJX2-8011	QJX2-8011	QJX2-5011	63-80	JRS4-3363	40	75	75	75	138	160
QJX2-95	QJX2-9511	QJX2-9511	QJX2-6511	80-95	JRS4-3365	40	80	80	80	164	200

CJ19 切换电容器接触器 CJ19 Capacitor contactor



产品型号 Type	单位 unit	CJ19-25	CJ19-32	CJ19-43	CJ19-45	CJ19-50	CJ19-63	CJ19-80	CJ19-95
额定工作电流 (Ie) Rated operating current AC3 Ue ≤ 440V	A	18	25	32	40	48	63	80	95
约定发热电流 (Ith) Conventional heating current AC10 ≤ 40°	A	25	32	43	48	50	63	80	95
可控容量 (Qn) AC-6b Controlling capacitor	220-230V	6.5	8.5	10	13	16	20	25	30
	400-415V	12	17	20	25	28	32	40	48
控制涌流能力 (限流能力) Restrain flow ability	倍	15	15	15	15	15	15	15	15
工作电压 (Ue) Rated working voltage max	V	380,660	380,660	380,660	380,660	380,660	380,660	380,660	380,660
额定绝缘电压 (Ui) Rated insulating voltage	V	690	690	690	690	690	690	690	690
机械寿命 Mechanical life	10 ⁴ 次	100	100	100	100	100	100	100	100
电寿命 Electric life	10 ⁴ 次	12	12	10	10	10	10	10	10
操作频率 Operating frequency	次 / h 1	20	120	120	120	120	120	120	120
体积 Volume H×L×W	mm	120×125×46	140×135×56	140×135×56	170×150×76	170×150×76	170×150×76	190×160×86	190×160×86

LR1、LR2 系列热继电器 LR1, LR2 SERIES THERMAL RELAY

用途及适用范围 INTRODUCTION AND APPLICATIONS

JRS1(LR1-D) 系列热过载继电器适用于交流 50 或 60Hz, 电压至 660V, 电流至 80A 及以下的电路中, 供交流电动机热保护用。并且有差动机构和温度补偿环节, 可与 CJX2 (LC1-D) 交流接触器配装, 也可独立安装。

JRS1 (LR1 -D) series thermal relay is suitable for using in the circuits rated voltage up to 660V, rated current 93 A AC 50Hz or 60Hz, for over-voltage protection of A.C. motor. The relay has the differential mechanism and temperature compensation and can plug in CJX2(LC 1 -D) series A.C. contactor.



JRS1-09-25(LR1)



JRS1-40-80(LR1)



JR28-25(LR2D13)



JR28-36(LR2D23)



JR28-36(LR2D33)

动作特性：三相负载平衡时的动作时间

MOTION CHARACTERISTIC : THREE-PHASE BALANCE MOTION A TIME

序号 NO	整定电流倍数 Set current cinles	动作时间 Motion time			起始条件 Start condition	环境温度 Temperature
1	10.5	> 2h			冷态 cold state	20±5°C
2	1.2	< 2h			热态 heat state (接序号 1 试验后 Following the No.1 test)	
3	1.5	< 4min				
4	7.2	10A	2s < Tp ≤ 10s	≤ 63A	冷态 cold state	
		10A	4s < Tp ≤ 10s	> 63A		

断相动作性能

PHASE-LOSING MOTION CHARACTERISTIC

序号 NO	整定电流倍数 Set current cinles		动作时间 Motion time	起始条件 Start condition	环境温度 Temperature
	任意二相 Arbitrary two phase	第三相 Three phase			
1	1.0	0.9	> 2h	冷态 cold state	20±5°C
2	1.15	0	< 2h	热态 heat state (接序号 1 试验后 Following the No.1 test)	

JR2-D 系列热过载继电器用于交流 50 或 60Hz, 电压至 660V, 电流至 93A 及以下的电路中, 供交流电动机热保护用。并且有差动机构和温度补偿环节, 可与 CJX2 (LC1-D) 交流接触器配装, 也可独立安装。

JR2-D series thermal relay is suitable for using in the circuits rated voltage up to 660V, rated current 93AAC 50Hz or 60Hz, for over-voltage protection of A.C. motor. The relay has the differential mechanism and temperature compensation and can plug in CJX2(LC 1 -D) series A.C. contactor.

规格 SPECIFICATIONS

型号 Type	编号 Number	整定电流范围 Setting Range(A)	可插接安装的接 触器 Contactors insert
LR1-D	09301	0.1~0.16	DC09-D25
	09302	0.16~0.25	DC09-D25
	09303	0.25~0.4	DC09-D25
	09304	0.4~0.63	DC09-D25
	09305	0.63~1	DC09-D25
	09306	1~1.6	DC09-D25
	09307	1.6~2.5	DC09-D25
	09308	2.5~4	DC09-D25
	09310	4~6	DC09-D25
	09312	5.5~8	DC09-D25

型号 Type	编号 Number	整定电流范围 Setting Range(A)	可插接安装的接 触器 Contactors insert
	09314	7~10	DC09-D25
	12316	10~13	DC09-D25
	16321	13~18	DC09-D25
	25322	18~25	DC09-D25
	40353	23~32	DC09-D25
	40355	30~40	D40、D50、D63
	63357	38~50	D40、D50、D63
	63359	48~57	D40、D50、D63
	63361	57~66	D40、D50、D63
	80363	63~80	D40、D50、D63

规格 SPECIFICATIONS

型号 Type	编号 Number	整定电流范围 (A) Setting Range(A)	可插接安装的接触器 Contactors insert
LR2-D	1301	0.1~0.16	D09-D25
	1302	0.16~0.25	D09-D25
	1303	0.25~0.4	D09-D25
	1304	0.4~0.63	D09-D25
	1305	0.63~1	D09-D25
	1306	1~1.6	D09-D25
	1307	1.6~2.5	D09-D25
	1308	2.5~4	D09-D25
	1310	4~6	D09-D25
	1312	5.5~8	D09-D25
	1314	7~10	D09-D25
	1316	9~13	D09-D25

型号 Type	编号 Number	整定电流范围 (A) Setting Range(A)	可插接安装的接触器 Contactors insert
LR2-D	1321	12~18	D09-D25
	1322	17~25	D32
	2353	23~32	D25-D32
	2355	30~40	D25-D32
	3322	17~25	D40-D95
	3353	23~32	D40-D95
	3355	30~40	D40-D95
	3357	37~50	D40-D95
	3359	48~65	D40-D95
	3361	55~70	D40-D95
	3363	63~80	D40-D95
	3365	80~93	D95

外形及安装尺寸 OUTLINE AND MOUNTING DIMENSIONS

