

Functions and Features

CJX2sF High-Current AC Contactor

Main technical parameters of CJX2sF high-current AC contactor

										
Contactor model		CJX2sF-115	CJX2sF-150	CJX2sF-185	CJX2sF-225	CJX2sF-265	CJX2sF-330	CJX2sF-400	CJX2sF-500	CJX2sF-630
Main circuit features										
Rated working current	Ie, AC-3	115A	150A	185A	225A	265A	330A	400A	500A	630A
	Ie, AC-1	200A	200A	275A	275A	315A	380A	450A	630A	800A
Rated insulation voltage (Ui)		1000V								
Rated working voltage (Ui)		690V								
Number of poles		3/4 poles								
Rated working power	220/240V	30kW	40kW	55kW	63kW	75kW	100kW	110kW	147kW	200kW
	380/440V	55kW	75kW	90kW	110kW	132kW	160kW	200kW	250kW	335kW
	Class AC-3	59kW	80kW	100kW	110kW	140kW	180kW	220kW	280kW	375kW
AC-3	660/690V	80kW	100kW	110kW	129kW	160kW	220kW	280kW	335kW	450kW
	Electrical life (10,000 times)	130	130	110	110	90	90	90	90	65
Mechanical life (10,000 times)	Operating frequency (times/h)	600	600	600	600	600	600	300	300	300
		1100	1100	650	650	650	650	650	650	650
Coil										
Rated control voltage (Us)	50Hz	36V, 110V, 127V, 220V, 380V, 400V, 440V								
	50/60Hz	110V, 220V, 380V								
Allowable control circuit voltage (Us)	Run	85%-110%Us								
	Release	20%-75%Us								
Coil power	Pull-in VA	550		800		1200		1200	1250	1650
	Hold VA	45		55		13		20	24	22
		Power W	16		24		12	14	18	20
Terminal wiring function										
Hard wire	1 pcs (section area of wire, mm ²)	95	120	150	185	240	240	-	-	-
	Without wiring terminal	-	-	-	-	-	-	150	240	-
Copper bar		20*3	25*3	25*3	32*4	32*4	30*5	30*5	40*5	60*5
Aux. contact										
Resistive current (Ith)	A	10								
	Rated working voltage (Ue)	380								
Rated working capacity	AC V	220								
	DC V	360								
		33								

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CJX2sF-800	CJX2sF-1000	CJX2sF-1250	CJX2sF-1450	CJX2sF-1700	CJX2sF-2100
800A	1000A	1250A	1450A	1700A	2100A
800A	1000A	1250A	1450A	1700A	2100A
1000V 690V					
3/4 poles			3 poles		
230KW	360KW	450KW	500KW	585KW	730KW
450KW	630KW	780KW	870KW	1000KW	1250KW
450KW	780KW	870KW	980KW	1150KW	1400KW
475KW	1030KW	1270KW	1430KW	1650KW	2050KW
20	60	60	40	40	40
300	600	600	600	600	600
100	120	120	80	80	80
36V, 110V, 127V, 220V, 380V, 400V, 440V					
110V, 220V, 380V					
80%-110%Us					
20%-75%Us					
830			2000-2300		
47			24-44		
20-25	20-25	20-25	29-37	29-37	29-37
-	-	-	-	-	-
-	-	-	-	-	-
100*5	60*5	80*5	100*5	100*5	100*5
10					
380					
220					
360					
33					

Note: 1. The rated working power, electrical life, operating frequency, and mechanical life of 1000~2100A are all parameters under the AC-1 usage category;
 2. 1000~2100A specification can only be used for AC-1 usage category;

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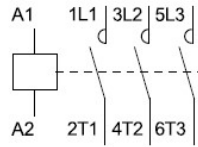
Main technical parameters of CJX2sF-N high-current AC contactor					
Reversible contactor (horizontally installed)	Rated capacity (kW) AC-3		Rated current (A) AC-3		Resistive current (A) Rated current AC-1
	380V	660V	380V	660V	
CJX2sF-115N	55	80	115	86	200
CJX2sF-150N	75	100	150	108	200
CJX2sF-185N	90	110	185	118	275
CJX2sF-225N	110	129	225	137	275
CJX2sF-265N	132	160	265	170	315
CJX2sF-330N	160	220	330	235	380
CJX2sF-400N	200	280	400	303	450
CJX2sF-500N	250	335	500	353	630
CJX2sF-630N	335	450	630	462	800
CJX2sF-800N	450	475	800	486	800

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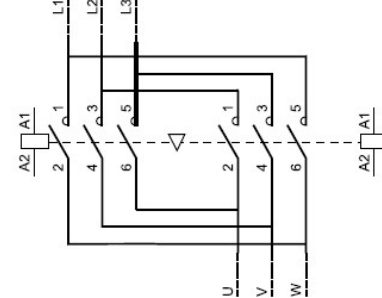
CJX2sF High-Current AC Contactor

Wiring diagram

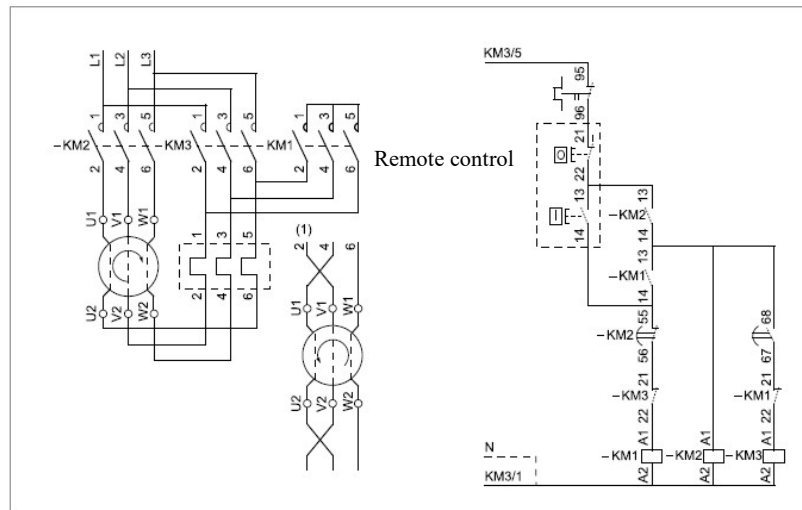
■ CJX2sF-115~2100



■ CJX2sF (Horizontally-mounted, mechanical interlock)



■ Star-delta starter wiring diagram

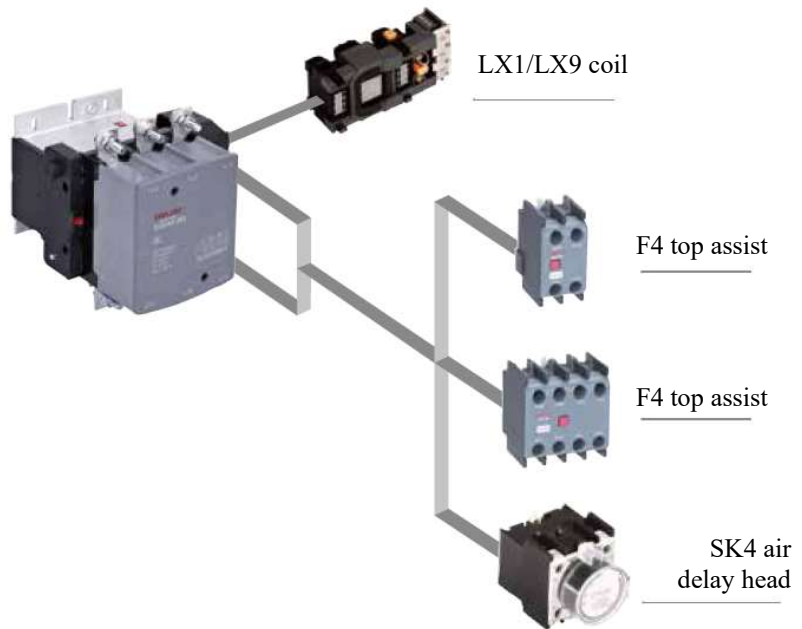


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Accessories installation diagram

- CJX2sF-115-1250A accessories installation position diagram



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Accessories installation diagram

- CJX2sF-1450-2100A accessories installation position diagram

