

CJX2-F series


AC Contactor

OPERATION INSTRUCTION

Standard: IEC 60947-4

CNC

Deliver
Power For Better Life

 Before installing and using this product, please read this manual carefully and pay more attention to safety.

CJX2-F series

Instruction

1 General

CJX2-Fseries AC contactor (hereafter referred to as a contactor) is mainly applicable for rated voltage 600V AC 50/60Hz, rated current up to 800A,fordistance connecting and breaking. With the appropriate thermal overload relay, it is combined into the electromagnetic starter, to protect the circuit which may overload operate.

The products comply with IEC60947-4-1.

2 Working condition and installation

2.1 The ambient temperature: $-5^{\circ}\text{C}\sim +40^{\circ}\text{C}$. The average temperature not exceed $+35\text{C}$ in24 hours;

2.2 Altitude: $\leq 2000\text{m}$;

2.3Atmosphere condition: the relative humidity not exceed 50% when the highest temperature is 40°C , the relative humidity will higher if the temperature lower, for example, when the temperature reach 20°C , the humidity is 90%, it should take special action to the condensation caused by temperature variation.

2.4 Class of pollution: class 3;

2.5 Installation class: III

2.6 Installation condition: the inclination of installation place: $\leq 5^\circ$

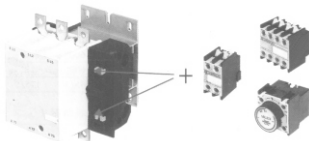
2.7 Impact and vibration: no obvious shake, vibration and impact;

3 The main technical characteristic and parameters

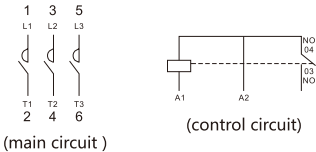
Chart 1

Contactor type	Rate thermal current	Rate working current			The max power of the controllable three-phase squirrel cage motor			The num. of operating cycle per hour	AC-3 electrical endurance	mechanical life	Rated Selected current fuse
		AC-3			AC-3						
		380V	660V	1000V	380V	660V	1000V				
CJX2-F115	200	115	86	46	55	80	65	1200	120	1000	250
CJX2-F150	200	150	108	50	75	100	65	600	100	600	355
CJX2-F185	275	185	118	71	90	110	100				425
CJX2-F225	275	225	137	90	110	129	100				500
CJX2-F265	315	265	170	112	132	160	147		630		
CJX2-F330	380	330	235	155	160	220	160		800		
CJX2-F400	450	400	303	200	200	280	200		800		
CJX2-F500	630	500	353	232	250	335	315		1000		
CJX2-F630	800	630	462	331	335	450	425		1250		
CJX2-F800	800	800	482	350	350	470	470		1250		

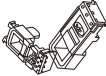
4 Accessory installing schematic diagram



5 Wiring diagram



6 Main Specifications code of the Coil

Coil code Working voltage Contactor type	AC-115~225:50Hz AC-265~630:40~400Hz				Power rate		Brief picture
	110	127	220	380	Start	Operating	
CJX2-F115/F150	FF110	FF127	FF220	FF380	660	54	
CJX2-F185/F225	FG110	FG127	FG220	FG380	966	66	
CJX2-F265/F330	FH110	FH127	FH220	FH380	840	12	
CJX2-F400	FJ110	FJ127	FJ220	FJ380	1380	22	
CJX2-F500	FK110	FK127	FK220	FK380	1380	24	
CJX2-F630/F800	FL110	FL127	FL220	FL380	2073	30	

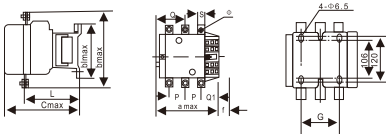
Note: Clients could specially order other standards if it's unmentioned

7 Matters needing attention when the product is installed or applied

- No corrosive gas in the installing circumstance, and prevent the working product from scrap iron and dust as much as possible.
- Check whether the technical parameters (rated voltage, current and frequency) on the coil matches the power source before installing.
- The product should be installed upward in the vertical without conspicuous shake, corresponding to the normal visual habits.
- Tighten the screws before installing.
- The silver contact on the contactor may get singe or black after a certain number of switch on and off, this will not influence the product's normal working. Don't rub down the sanding, or working life of the silver contact will be shorten.
- You can use the dead smooth file if the silver contact singed seriously.

8 Outline and installation size

■ CJX2-F



Product type	a_{max}	b_{max}	$b1_{max}$	c_{max}	L	Q	$Q1$	S	Φ	f	p
CJX2-F115	163.5	162	137	171	107	29.5	60	15/20	M6	131	37
CJX2-F1154	200.5	162	137	171	107	29.5	60	15/20	M6	131	37
CJX2-F150	163.5	170	137	171	107	26	57.5	20	M8	131	40
CJX2-F1504	200.5	170	137	171	107	25	55.5	20	M8	131	40
CJX2-F185	168.5	174	137	181	113.5	29	59.5	20	M8	130	40
CJX2-F1854	208.5	174	137	181	113.5	29	59.5	20	M8	130	40
CJX2-F225	168.5	197	137	181	113.5	21	51.5	25	M10	130	48
CJX2-F2254	208.5	197	137	181	113.5	17	47.5	25	M10	130	48
CJX2-F265	201.5	203	145	213	141	39	66.5	25	M10	147	48
CJX2-F2654	244.5	203	145	213	141	34	66.5	25	M10	147	48
CJX2-F330	213	206	145	219	145	43	74	25	M10	147	48
CJX2-F3304	261	206	145	219	145	43	74	25	M10	147	48
CJX2-F400	213	206	209	219	145	43	74	25	M10	146	48
CJX2-F4004	261	206	209	219	145	43	74	25	M10	146	48
CJX2-F500	233	238	209	232	146	46	77	30	M10	150	55
CJX2-F5004	288	238	209	232	146	46	77	30	M10	150	55
CJX2-F630	309	304	280	255	155	60	89	40	M12	181	80
CJX2-F6304	389	304	280	255	155	60	89	40	M12	181	80



CERTIFICATE

Product Model: CJX2-F

Standard: IEC 60947-4

Inspector : CNC 003

Production date: Printed on the product
or package.

This product is qualified according
to the delivery inspection

CNC ELECTRIC

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