

# CJX2-K 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-K AC Contactor**

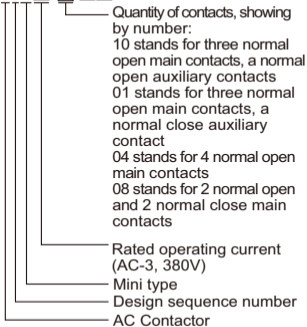
### **General**

CJX2-K series AC Contactor is suitable for using in the circuits the rated voltage up to 660V AC 50Hz or 60Hz, rated current up to 12A in AC-3 using category, for making & breaking, frequently starting & controlling the AC motor.

The contactor is produced according to IEC 60947-4.

## Type designation

CJX2-K□□



# Operating and Installation Conditions

Type	Operating and Installation Conditions
Installation category	III
Pollution level	3
Protection degree	IP20
Ambient temperature	limit of temperature: $-35^{\circ}\text{C} \sim +70^{\circ}\text{C}$ , normal temperature: $-5^{\circ}\text{C} \sim +40^{\circ}\text{C}$ , The average no more than $+35^{\circ}\text{C}$ within 24 hours. If not in normal operating temperature range, please refer to "Instructions for abnormal environment"
Altitude	$\leq 2000\text{m}$
Ambient temperature	The maximum temperature of 70 degrees, the air relative humidity not exceed 50%, under lower temperature can allow for higher relative humidity. If the temperature is $20^{\circ}\text{C}$ , the air relative humidity could up to 90%, Special measures should be taken for occasional condensation due to humidity changes.
Installation position	Inclination between installation surface and vertical surface should not exceed $\pm 5^{\circ}$
Shock vibration	Products should be installed and used without significant shake, shock and vibration place.

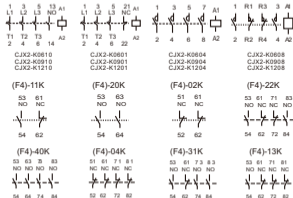
# Specifications

Type			CJX2-K06	CJX2-K09	CJX2-K12
Rated operation voltage (Ue)		V	660	660	660
Rated thermal current (Ith)		A	20	20	20
Rated operation current (Ie)	AC-3, 380V	A	6	9	12
	AC-3, 660V	A	2.6	3.5	5
Max. power of 3 phase motor controlled	AC-3, 220V	kW	1.5	2.2	3
	AC-3, 380V	kW	2.2	4	5.5
	AC-3, 660V	kW	3	5.5	7.5
Electrical life	AC-3	10000 t	100		
	AC-4	10000 t	20		
Mechanical life		10000 t	1000		
Operation frequency	AC-3	t/h	1200		
	AC-4	t/h	300		
Matching fuse type			NT00-16		
Wiring capacity		mm <sup>2</sup>	1.5		
Coil					
Control power voltage (Us)		AC	24, 36, 48, 60, 220, 380		
Allowed control	Close	V	85%~110%Us		
	Open	V	20%~75%Us(AC)		
Coil power		Loss power	W		
			2		

## Auxiliary contact and technical parameters of auxiliary contact group

Usage	Rated operation voltage $U_e$	Rated operation current $I_e$	Control capacity		Rated thermal current $I_{th}$	Life
			Making	Breaking		
AC-15	380	0.95	3600VA	360VA	10	the same as main contact
DC-13	220	0.15	33W	33W		

## Terminal mark and wiring diagram





# CERTIFICATE

Product Model: CJX2-K series

Standard: IEC 60947-4

Inspector: **CNC006**

Production date: Printed on the product  
or package.

This product is qualified according  
to the delivery inspection

A vertical red bar containing the white text 'CNC' in a bold, sans-serif font, positioned on the right side of the page.

CJX2-K series AC CONTACTOR

**CNC ELECTRIC**

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