


CJX2-D series

AC Contactor

OPERATION INSTRUCTION

Standard: IEC 60977-4-1

CNC Deliver
Power For Better Life

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

CJX2-D series

Instruction

1 General

CJX2-D series AC contactor (hereafter referred to as a contactor) mainly using in the circuit that the rated voltage up to 660V AC 50/60Hz and the working voltage will turn to 380V if used in AC-3 class, rated working current from 9A to 95A, for distance connecting & breaking, starting frequently and controlling the AC motor. Joint with thermal overload relay, it is combined into the electromagnetic starter, becomes delay contactor with time delay; besides, it can add the number of auxiliary contact and auxiliary contactor block. It also can be combined into directional contactor and star-delta starter with a mechanical interlocking between two sets of same type contactor.

2 Working conditions

2.1 Ambient temperature: $-5^{\circ}\text{C} \sim +40^{\circ}\text{C}$;

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

2.3 Relative air humidity: not exceed 50% at 40°C , the RH will higher if the temperature lower; The monthly average Max. RH not exceed 90% if the average monthly temperature not exceed $+25^{\circ}\text{C}$ at the most warm month, it

should take some special action to the condensation in product caused by temperature variation.

2.4 The micro-environment pollution class of local around is class 3;

2.5 Installation site: the inclination of installation place: $\leq 5^\circ$;

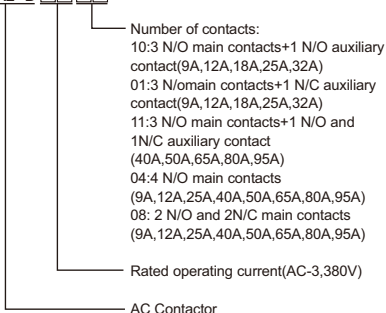
2.6 Impact and vibration: no obvious shake, vibration and impact;

2.7 Pull-in voltage: the contactor can pull-inregularly under 85%-110%Us of rated voltage.

2.8 Release voltage: the contactor can release regularly under 20%-75%Us of rated voltage.

2 Type designation

CJX2 -D



4 Main specifications

Chart 1

Type	CJX2	09	12	16	25	32	40	50	65	80	95
Conventional thermal current	(A)	20	20	32	40	50	60	80	80	125	125
Rated working current(A)	380V	09	12	16	25	32	40	50	65	80	95
Max. power of control motor under AC-3 using class(kW)	220V	2.2	3	4	5.5	7.5	11	15	18.5	22	25
	380V	4	5.5	7.5	11	15	18.5	22	30	37	45
	660V	5.5	7.5	9	15	18.5	30	37	37	45	45
Mechanical life		10X10 ⁶			8X10 ⁶			5X10 ⁶			
Electrical life	AC-3 using class	10X10 ⁶		0.8X10 ⁶		0.6X10 ⁶		0.5X10 ⁶			
Energy efficiency rate	Class 3										

5 Mounting dimensions and dimension Chart

Chart 2

Type	Outer dimensions (mm) ABC	Mounting dimensions (mm) DEF
CJX2-09~12	75×46×81	34 48 2 - Φ4.5
CJX2-16	75×46×87	34 48 2 - Φ4.5
CJX2-25	85×57×95	34 48 2 - Φ4.5
CJX2-32	85×57×100	40 48 2 - Φ4.5
CJX2-4001~6511	129×77×116	40 110 2 - Φ6.5
CJX2-4004~6504	129×84×116	40 110 2 - Φ6.5
CJX2-4008~6508	129×84×127	40 110 2 - Φ6.5
CJX2-8011~9511	129×87×127	40 110 2 - Φ6.5
CJX2-8004~9504	129×96×127	40 110 2 - Φ6.5
CJX2-8008~9608	129×96×135	40 110 2 - Φ6.5

Note: CJX2-09~32 contactor mounting in 35mm standard rail. CJX2-40~95 contactor mounting in 75mm standard rail.



6 Usage and maintenance

6.1 Make sure the coil voltage, frequency are comply to power supply;

6.2 If there's some anomaly noise when using it,

6.3 The dirt between magnetyoke and armature side may cause anomaly noise. If there's some noise, please clean the dirt to eliminate.



CERTIFICATE

Product Model: CJX2-D

Standard: IEC 60977-4-1

Inspector : CNC 003

Production date: Printed on the product
or package.

This product is qualified according
to the delivery inspection



CJX2-D

CNC ELECTRIC

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