

AC CONTACTOR

CJX2-Z

Series DC operated AC Contactor



Application

CJX2-Z series DC operated AC contactor is mainly used in the circuit of AC 50Hz or 60Hz, rated voltage up to 690V, rated current up to 95A, for the use of remote frequently connecting and breaking the circuit, it can control the motor, also can control the electric welder, capacitor group, electric heating device, lighting equipment and other loads. It conforms to the standard IEC/EN60947-4-1

Model No.

CJX 2 - □□ / □□ Z TH

Code for Humid tropics products

DC operated

10: 32A and below, 3 poles+1NO auxiliary contact

01: 32A and below, 3 poles+1NC auxiliary contact

11: 40A and above, 3 poles+1NO+1NC auxiliary contacts

004: 4NO main contacts

008: 2NO+2NC main contacts

Rated current (under usage category of AC-3, and rated voltage 380V) (A)

Design No.

AC contactor

Normal operating condition and installation condition

3.1 Ambient temperature: +5°C~+40°C, average temperature within 24h does not exceed +35°C

3.2 Altitude: does not exceed 2000m

3.3 Atmospheric condition: when the highest temperature is +40°C, the relative humidity does not exceed 50%; it can allow relatively high humidity when it is at relatively low temperature, for instance, it reaches 90% when it is at +20°C, it should take measurement when there have condensation occurred due to the temperature variation.

3.4 Pollution grade: 3

3.5 Installation category: III

3.6 Installation position: the gradient of the mounting surface to the vertical surface does not exceed ±5°

3.7 Impact and vibration: product should be installed and used at the places without obvious shake, impact and vibration.

Main technical parameter

Main technique parameter of contactor to see table 1

table 1

Model			CJX2-09Z	CJX2-12Z	CJX2-18Z	CJX2-25Z	CJX2-32Z	CJX2-40Z	CJX2-50Z	CJX2-65Z	CJX2-80Z	CJX2-95Z										
Main con- tacts	Rated current Ie (A)	AC-3	380V	9	12	18	25	32	40	50	65	80	95									
		660V	6.6	8.9	12	18	21	34	39	42	49	49										
	Rated control power (kW)	AC-3	380V	4	5.5	7.5	11	15	18.5	22	30	37	45									
		660V	5.5	7.5	10	15	18.5	30	37	37	45	45										
	Conventional heating current Ith (A)			25	25	32	40	50	60	80	80	125	125									
	Rated voltage Ue (V)			660																		
	Rated insulation voltage Ui (V)			690																		
	Electrical life (10 ⁴ times)		AC-3	100	100	100	100	80	80	60	60	60	60									
	Operation frequency h ⁻¹			1200	1200	1200	1200	600	600	600	600	600	600									
	Electrical life (10 ⁴ times)		AC-4	20	20	20	20	20	20	15	15	10	10									
Operation frequency h ⁻¹		300		300	300	300	300	300	300	300	300	300										
Mechanical life (10 ⁴ times)			1000	1000	1000	800	800	800	800	800	800	600										
Coil	Rated control voltage Us		DC: 24V, 48V, 110V, 220V																			
	Pull-in voltage		85%~110% Us																			
	Release voltage		0.1~0.70 Us																			
	Coil power (W) less than		11	11	11	13	13	22	22	22	22	22	22									
Term- als	Pieces of wire		1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2				
	Flexible wire		2.5	2.5	2.5	2.5	4	4	4	4	6	6	10	10	16	16	16	16	50	25	50	25
	Hard wire		4	4	4	4	6	6	6	-	10	10	10	10	25	-	25	-	50	-	50	-
Auxiliary contacts			Can be added with F4, LA2-D/LA3-D type air delay contacts																			

Dimensions

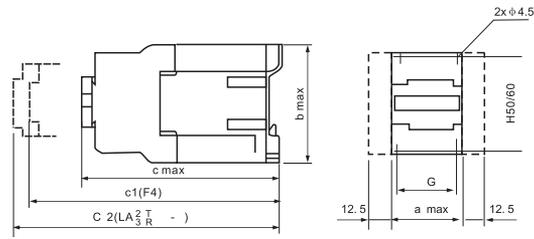


Note: C: CJX2-Z; C1: CJX2-Z+F4; C2: CJX2-Z+LA2-D/LA3-D -CJX2-09Z/12Z/18Z

table2

	a max	b max	c max	G	C1	C2	H
CJX2-09-12Z	45	75	115	35	145	172	50~60
CJX2-18Z	45	75	120	35	150	177	50~60

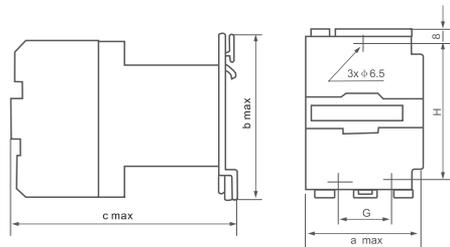
AC CONTACTOR



Note: C: CJX2-Z; C1: CJX2-Z+F4; C2: CJX2-Z+LA2-D/LA3-D -CJX2-25Z/32Z

table3

	a max	b max	c max	G	C1	C2	H
CJX2-25Z	58	80	130	40~50	160	187	50~60
CJX2-32Z	58	80	136	40~50	166	193	50~60

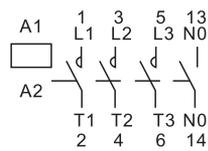


Note: C: CJX2-Z; C1: CJX2-Z+F4; C2: CJX2-Z+LA2-D/LA3-D -CJX2-40Z/50Z/65Z/80Z/95Z

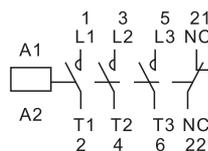
table4

	a max	b max	c max	G	H
CJX2-40/50/65Z	79	128	172	40	50~60
CJX2-80/95Z	86	128	182	40	50~60

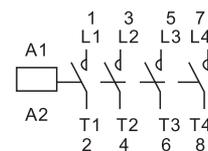
Wiring diagram



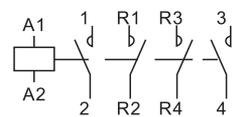
CJX2-0910Z~3210Z



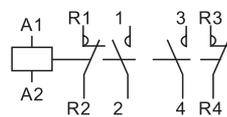
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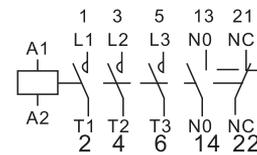
CJX2-09004Z~32004Z



CJX2-09008Z~25008Z



CJX2-40008Z~95008Z



CJX2-4011Z~9511Z