



CJX2(LC1-D) AC Contactor



CJX2-D09



CJX2-D12



CJX2-D25

Application

CJX2 series AC Contactor is suitable for using in the circuits up to the rated voltage 660V AC 50Hz or 60Hz, rated current up to 95A, for making, breaking, frequently starting & controlling the AC motor. Combined with the auxiliary contact block, timer delay & machine-interlocking device etc, it becomes the delay contactor, mechanical interlocking contactor, star-delta starter. With the thermal relay, it is combined into the electromagnetic starter. The Contactor is produced according to IEC947-2, VDE0660 & BS5452.

Specification

Type		CJX2-D09	CJX2-D12	CJX2-D18	CJX2-D25	CJX2-D32
Rated working current(A)	AC3	9	12	18	25	32
	AC4	3.5	5	7.7	8.5	12
AC3 capacity of phase 3 squirrel-cage motor	220/230V	2.2	3	4	5.5	7.5
	380/400V	4	5.5	7.5	11	15
	415V	4	5.5	9	11	15
	440V	4	5.5	9	11	15
AC3(KW)	500V	5.5	7.5	10	15	18.5
	660/690V	5.5	7.5	10	15	18.5
Rated heat current(A)		20	20	32	40	50
Electrical life	AC4X10 4	20	20-15	20-7	15-7	15-7
	AC3X10 6	2	2	2	2	2
Mechanical		20	20	20	20	20
number of the contact	3P+NO					
	3P+NC					



CJX2-D95



CJX2-D115



CJX2-D150

Specifications

Volts (VAC)	24	42	48	110	220/230	230	240	380/400	400	415	440	500	660
50Hz	B5	D5	E5	F5	M5	P5	U5	Q5	V5	N5	R5	S5	Y5
60Hz	B6	D6	E6	F6	M6	-	U6	Q6	-	-	R6	-	-
50/60Hz	B7	D7	E7	F7	M6	P7	U7	Q7	V7	N7	R7	-	-

Type		CJX2-D40	CJX2-D50	CJX2-D65	CJX2-D80	CJX2-D95
		40	50	65	80	95
		18.5	24	28	37	44
AC3 capacity of phase 3 squirrel-cage motor AC3(KW)	220/230V	11	15	18.5	22	25
	380/400V	18.5	22	30	37	45
	415V	22	25	37	45	45
	440V	22	30	37	45	45
	500V	22	30	37	55	55
	660/690V	30	33	37	45	45
Rated heat current(A)		60	80	80	125	125
	AC4X10 4	10-7	7	7-6	7-5	7-5
	AC3X10 6	2	2	1.6	1.6	1.6
Mechanical		20	20	20	10	10
number of the contact	3P+NC+NO					



CJX2-E (LC1-E) Series AC Contactor



CJX2-E6.3



CJX2-E09

Specifications For motor control, from 6 to 630A (AC-3)
For the control of distribution circuits, from 16 to 1000A (AC-1)
Control circuit: d.c.

Standard power ratings of 3-phase motors 50/60Hz jin category AC-3 220V 380V 203V 400V 415V 440V 500V 690V						Rated operating current AC-3 AC-1 up to $\theta \leq 40^{\circ}\text{C}$ 440V		Rated non-conductive voltage	Instantaneous auxiliary contacts		Basic reference complete with code indicating control circuit voltage(2) fixing(1)
KW	KW	KW	KW	KW	KW	A	A		V		
1.5	2.2	2.2	3	3	3	6	16	660	1	-	CJX2E-EC6.3
									-	1	CJX2E-EC09
2.2	4	4	4	4	4	9	16	660	1	-	CJX2E-EC6.3
									-	1	CJX2E-EC09



CJX2-K (LC1-K) Series AC Contactor



CJX2-K06, 09, 12



CJX2-K06, 09, 12

Specifications

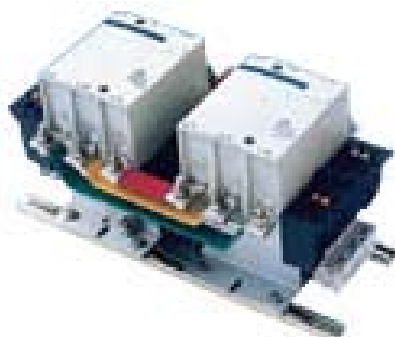
LC1-K Series AC contactor is suitable for use in the circuit up to the rate and frequent starting, controlling the AC motor. The addition of auxiliary contact group to the contactor, combined with the proper thermal relay, can act to protect the circuit bound to overload.

Type	Rated working current A (380V)	AC-3 use group control power KW				Contact data(1)
		220V	380/415V	440/500V	660V	
CJX2-K06	6	1.5	2.2	3	3	3P+NC 3P+NO
CJX2-K09	9	2.2	4	4	4	3P+NC 3P+NO
CJX2-K12	12	3	3	5	5	3P+NC 3P+NO

Specifications		CJX2-K06	CJX2-K09	CJX2-K12
Use group under AC-3		6	9	12
Rated working current (Ie)A		5	7.5	10
Conventional thermal current(Ith)A		16	20	20
Rated working voltage(Ue)V		380 660		
Rated insulation voltage (Ui)V		690		
AC-3 (6Ie Ie)	Electrical life (time)	0.5x 10 6		
	Operation frequency h-1	1200		
AC-3 (6Ie Ie)	Electrical life (time)	10x10 4		
	Operation frequency h-1	300		
Mechanical life		3x10 6		
Auxiliary contact	Conventional thermal current	6A		
	Electrical life (time)	AC-15(360VA) DC-13(33W)	0.5x10 6	
Coil specifications	Rated control voltage (Us)		AC: 12, 24, 45, 110, 220, 380 DC: 12, 24, 45, 110, 220	
	Pick-up voltage		AC: 0.85~1.1Us DC: 0.85~1.1Us	
	Resleasing voltage		AC: 0.1~0.75Us DC: 0.2~0.75Us	
	Coil power VA	Pick-up	40	
		Fotain	4	
	Consumption		1.2W	
	Pick-up time		6~18ms	
	Releasing time		5~23ms	
Power factor		Making 0.8 Breaking 0.3		



CJX2-F(LC2-F) Mechanical Interlocking Contactor



CJX2-115N

Specifications

Size			115	1154		185	1854		265					
Maximum rated voltage			1000V	1000V		1000V	1000V		1000V					
Maximum thermal current Ith			200A	200A		270A	270A		350A					
Maximum rated current LL:Long life/NL:Normal life 3ph....440v 50/60Hz			-	NL 120A	LL 115A	NL 150A	-	NL 185A	LL 185A	NL 205A	-			
Maximum standard power rating under AC3 duty	220V	kwhp	-	30 40	30 40	45 60	-	55 75	55 75	63 85	-			
			380V	kwhp	-	55 75	55 75	75 100	-	90 125	90 125	110 150	-	
	415/440V	kwhp			-	60 80	60 80	80 110	-	100 135	100 135	110 150	-	
Size:CJX2-F			2654	400		4004	500		630	780				
Maximum rated voltage			1000V	1000V		1000V	1000V		1000V	1000V				
Maximum thermal current Ith			350A	500A		500A	700A		1000A	1600A				
Maximum rated current LL:Long life/NL:Normal life 3ph....440v 50/60Hz			LL 265A	NL 300A	-	NL 400A	LL 400A	NL 450A	LL 500A	NL 630A	LL 630A	NL 1000A	NL 800A	LL 780A
Maximum standard power rating under AC3 duty	220V	kwhp	75 100	90 125	-	110 150	110 150	132 180	147 200	185 250	200 270	220 300	220 300	280 380
			380V	kwhp	132 180	160 220	-	200 270	200 270	220 300	250 340	335 450	335 450	400 540
	415/440V	kwhp			140 190	160 220	-	220 300	220 300	250 340	280 380	355 480	375 500	450 610



HSLA (JVC) Modular Contactor



32P



S3P

APPLICATION

Modular contactors are essential for control and automation duties in dwellings, offices, shops and hospitals. They are particularly suitable for switching lighting installations, heat pumps, night storage heating, airconditioned plant and for other devices in building automation.

Features

- Standardized design
- Silent operating by virtue of DC solenoid system
- Switching condition indication
- Singer protection to VDE 01 06 part 100.

Technical data

- Standard control voltage(U_c):220-230V/50-60Hz
- Thermal continuous current (I_{th}):24,40,63A
- Current ratings for AC1:24,40,60A
- Pole number:4 (either as main or auxilliary contacts)
- Back up fuse gl max ratings:35,63,80A
- Mechanical endurance: 10 million cycles
- Electrical endurance: 1 million cycles
- Ambient temperature:-25°C~+55°C
- Connection capacity:tunnel terminal for cables up to 25mm²
- Width in 17.5mm modules
- 24A 35mm(2 modules)
- 40A 52.5mm(3 modules)
- 63A 52.5mm(3 modules)
- Standard:IEC947-4

Installation

- On symmetrical DIN rail

model	In (A)	RatedPower(kw)				model	In (A)	RatedPower(kw)			
		AC1	AC3	AC1	AC3			AC1	AC3		
HSLa24	24	230V	400V	230V	400V	HSLa40	40	230V	400V	230V	400V
		9	16	2.2	4.0			16	26	5.5	11.0
model	In (A)	RatedPower(kw)									
HSLa63	63	230V	400V	230V	400V						
		24.0	40.0	8.5	15.0						

SOLENOID SYSTEM

model	coil consumption on pull-in holding	closing time	opening time
24A	4W	15-35ms	30-40ms
40	5W	15-20ms	35-45ms
63A	5W	15-20ms	35-45ms