

## CJX2N series AC Contactor

### APPLICATION

CJX2-N 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 IEC 947-2, VDE 0660 & BS5452.



CJX2N 09



CJX2N 12-18



CJX2N 25-38

### SPECIFICATIONS

Rated operation current								
I <sub>e</sub> max AC-3 (U <sub>e</sub> ≤ 440V)		9A	12A	18A	25A	32A	38A	
I <sub>e</sub> AC-1 (0 ≤ 60°C)		25A		32A	40A	50A		
Rated operational voltage		690V						
Poles (P)		3	3	4	3	3	4	3
Rated operational power in AC-3	220/240V	2.2KW	3KW	4KW	5.5KW	7.5KW	9KW	
	380/400V	4KW	5.5KW	7.5KW	11KW	15KW	18.5KW	
	415/440V	4KW	5.5KW	9KW	11KW	15KW	18.5KW	
	500V	5.5KW	7.5KW	10KW	15KW	18.5KW	18.5KW	
	660/690V	5.5KW	7.5KW	10KW	15KW	18.5KW	18.5KW	
	1000V	-	-	-	-	-	-	-
Auxiliary contacts		1 N/C and 1 N/O instantaneous incorporated in the contactors, with add-on blocks common to the whole range comprising up to 4 N/C or N/O instantaneous, up to 1 N/O+1 N/C time delay and up to 2 N/O or N/C protected contacts and 2 screen continuity terminals						
Compatible manual/auto thermal overload relays	Class 10A	0.10-10A	0.10-13A	0.10-18A	0.10-32A	0.10-38A	0.10-38A	
	Class 20	2.5-10A	2.5-13A	2.5-18A	2.5-32A	-	-	
Suppressor modules								
(d.c. and low consumption contactors have built-in suppression as standard)	Varistor	•	•	•	•	•	•	•
	Diode	-	-	•	-	-	•	-
	RC circuit	•	•	•	•	•	•	•
	Bidirectional peak limiting diode	•	•	•	•	•	•	•
Interfaces	Relay	•	•	•	•	•	•	•
	Relay+override function	•	•	•	•	•	•	•
	Solid state	•	•	•	•	•	•	•
Contactor type references	~ or ---3P	CJX2N-09	CJX2N-12	CJX2N-18	CJX2N-25	CJX2N-32	CJX2N-38	
	~ 4-P	-	CJX2N-12	-	CJX2N-25	-	-	
	-4P	-	CJX2N-12	-	CJX2N-25	-	-	
Reversing contactor type references	~ 3P	LC1-DN09	CJX2N-12	LC2-D18	LC2-D25	LC2-D32	LC2-D38	
	-3P	LC1-DN09	CJX2N-12	LC2-D18	LC2-D25	LC2-D32	LC2-D38	
	~ 4P	-	CJX2N-12	-	LC2-D25	-	-	
	-4P	-	CJX2N-12	-	LC2-D25	-	-	

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CJX2N 80, 95



CJX2N 115, 150



CJX2N 170

### SPECIFICATIONS

Rated operation current								
Ie max AC-3 (Ue ≤ 440V)		40A	50A	65A	80A	95A	115A	150A
Ie AC-1 (0 ≤ 60 °C)		60A	80A		125A		200A	
Rated operational voltage		1000V on ~ supply, 690V on supply						
Poles (P)		3	4	3	3	4	3	3
Rated operational power in AC-3	220/240V	11KW	15KW	18.5KW	22KW	25KW	30KW	40KW
	380/400V	18.5KW	22KW	30KW	37KW	45KW	55KW	75KW
	415/440V	22KW	25/30KW	37KW	45KW	45KW	59KW	80KW
	500V	22KW	30KW	37KW	55KW	55KW	75KW	90KW
	660/690V	30KW	33KW	37KW	45KW	45KW	80KW	100KW
	1000V	22KW	30KW	37KW	45KW	45KW	75KW	90KW
Auxiliary contacts		1 N/C and 1 N/O instantaneous incorporated in the contactors, with add-on blocks common to the whole range comprising up to 4 N/C or N/O instantaneous, up to 1 N/O+1 N/C time delay and up to 2 N/O or N/C protected contacts and 2 screen continuity terminals						
Compatible manual/auto thermal overload relays	Class 10A	17-50A	17-70A	17-80A	17-104A	17-104A	60-150A	60-150A
	Class 20	17-40A	17-65A	17-70A	17-80A		60-150A	60-150A
Suppressor modules								
(d.c. and low consumption contactors have built-in suppression as standard)	Varistor	•	•	•	•	•	•	-
	Diode	•	•	•	•	•	-	-
	RC circuit	•	•	•	•	•	•	•
	Bidirectional peak limiting diode	•	•	•	•	•	-	-
Interfaces	Relay	•	•	•	•	•	•	•
	Relay+override function	•	•	•	•	•	•	•
	Solid state	•	•	•	•	•	•	-
Contactor type references	~ or - 3P	CJX2N-40	CJX2N-50	CJX2N-65	CJX2N-80	CJX2N-95	CJX2N-115	CJX2N-150
	~ 4-P	CJX2N-40	-	CJX2N-65	CJX2N-80	-	CJX2N-115	-
	- 4P	CJX2N-40	-	CJX2N-65	CJX2N-80	-	CJX2N-115	-
Reversing contactor type references	~ 3P	LC2-D40	LC2-D50	LC2-D65	LC2-D80	LC2-D95	LC2-D115	LC2-D150
	- 3P	-	-	-	-	-	-	-
	~ 4P	LC2-D40	-	LC2-D65	LC2-D80	-	LC2-D115	-
	- 4P	-	-	-	-	-	-	-