



CJX2-1201 CJX2-1810 CJX2-2510 CJX2-3210 CJX2-D5011 CJX2-D9511

CJX2 AC Contactor(including LC1-D contactor and LC1-F Contactor),it is suitable for using in the circuit up to the rated voltage 1000V AC 50/60 Hz,and three phase,rated voltage 380V,rated current up to 630A.to switch on and off the circuit at a distance.It is also used as unfrequent start,stop and reversal of AC motor,it is combined into the electromagnetic starter with the thermal relay,combined with the auxiliary contact block,air delayer&machine-interlocking devices,it becomes the delay contactor,mechanical interlocking contactor,star-delta starter,the contactor is produced according to the standard IEC60947-4-1,GB14048.4

Main technical parameter

Model	Rated insulation voltage(V)	Rated heat current Ith(A)	Rated working current 380V AC3(A)	Control Power (kw)						Number Of the contacts	Weight (kg)
				220V	380V	415V	440V	660V	1000V		
CJX2-0910/0901	660V	25	9	2.2	4	4	4	5.5		3P+NO/3P+NC	0.32
CJX2-1210/1201		25	12	3	5.5	5.5	5.5	7.5		3P+NO/3P+NC	0.32
CJX2-1610(1810)		32	16	4	7.5	9	9	10		3P+NO	0.35
CJX2-1601(1801)		32	16	4	7.5	9	9	10		3P+NC	0.35
CJX2-2510/2501		40	25	5.5	11	11	11	15		3P+NO/3P+NC	0.51
CJX2-3210/3201		50	32	7.5	15	15	15	18.5		3P+NO/3P+NC	0.53
CJX2-4011		60	40	11	18.5	22	22	30		3P+NO+NC	1.15
CJX2-5011		80	50	15	22	25	30	33			1.20
CJX2-6311(6511)		80	63	18.5	30	37	37	37			1.25
CJX2-8011		125	80	22	37	45	45	45			1.50
CJX2-9511		125	95	25	45	45	45	45			1.55
CJX2-115	1000V	200	115	30	55	59	59	80	65	Can be installed three auxiliary contact group, nine pairs of contact combinations	3.0
CJX2-150		200	150	40	75	80	80	100	65		3.0
CJX2-185		275	185	55	90	100	100	110	100		4.1
CJX2-225		275	225	59	110	110	110	129	100		4.2

LG GMC Contactor

3-Pole Contactors



AC3 Rating @440V	AC Coil			DC Coil		
	(W x H x D) mm	PART #	Aux. Contact	(W x H x D) mm	PART #	Aux. Contact
9A	44 x 80 x 87	GMC-9-AC ☐	1a1b	44 x 80 x 113	GMD-9-DC ☐	1a1b
12A		GMC-12-AC ☐	1a1b		GMD-12-DC ☐	1a1b
18A		GMC-18-AC ☐	1a1b		GMD-18-DC ☐	1a1b
22A		GMC-22-AC ☐	1a1b		GMD-22-DC ☐	1a1b
32A	68 x 82 x 95	GMC-32-AC ☐	2a2b	68 x 82 x 121	GMD-32-DC ☐	2a2b
40A		GMC-40-AC ☐	2a2b		GMD-40-DC ☐	2a2b
50A	94 x 124 x 118	GMC-50-AC ☐	2a2b	94 x 124 x 118	GMD-50-DC ☐	2a2b
65A		GMC-65-AC ☐	2a2b		GMD-65-DC ☐	2a2b
75A		GMC-75-AC ☐	2a2b		GMD-75-DC ☐	2a2b
85A		GMC-85-AC ☐	2a2b		GMD-85-DC ☐	2a2b
100A	100 x 166 x 147	GMC-100-AC ☐	2a2b	100 x 166 x 147	GMC-100-DC ☐	2a2b
125A		GMC-125-AC ☐	2a2b		GMC-125-DC ☐	2a2b
150A	120 x 176 x 157	GMC-150-AC ☐	2a2b	120 x 176 x 157	GMC-150-DC ☐	2a2b
180A	138 x 203 x 181	GMC-180-AC ☐	2a2b	138 x 203 x 181	GMC-180-DC ☐	2a2b
220A		GMC-220-AC ☐	2a2b		GMC-220-DC ☐	2a2b
300A	163 x 243 x 198	GMC-300-AC ☐	2a2b	163 x 243 x 198	GMC-300-DC ☐	2a2b
400A		GMC-400-AC ☐	2a2b		GMC-400-DC ☐	2a2b
600A		GMC-600-AC ☐	2a2b		GMC-600-DC ☐	2a2b
800A		GMC-800-AC ☐	2a2b		GMC-800-DC ☐	2a2b

☐ = coil voltage <See p.4 for coil selection> ex) GMC-9-AC120
 *Finger proof design *Auxiliary contacts built-in as standard *AC/DC common use coil built (100A~800A) *DIN-rail(9~85A) or screw mountable

4-Pole Contactors



AC3 Rating @440V	AC Coil			DC Coil		
	(W x H x D) mm	PART #	Aux. Contact	(W x H x D) mm	PART #	Aux. Contact
9A	44 x 80 x 87	GMC-9/4-AC ☐	Optional	47 x 80 x 113	GMD-9/4-DC ☐	Optional
12A		GMC-12/4-AC ☐	Optional		GMD-12/4-DC ☐	Optional
18A	47 x 80 x 87	GMC-18/4-AC ☐	Optional	47 x 80 x 113	GMD-18/4-DC ☐	Optional
22A		GMC-22/4-AC ☐	Optional		GMD-22/4-DC ☐	Optional
32A	59 x 84 x 95	GMC-32/4-AC ☐	Optional	59 x 84 x 121	GMD-32/4-DC ☐	Optional
40A		GMC-40/4-AC ☐	Optional		GMD-40/4-DC ☐	Optional
50A	91 x 124 x 118	GMC-50/4-AC ☐	Optional	103 x 124 x 118	GMD-50/4-DC ☐	Optional
65A		GMC-65/4-AC ☐	Optional		GMD-65/4-DC ☐	Optional
75A		GMC-75/4-AC ☐	Optional		GMD-75/4-DC ☐	Optional
85A		GMC-85/4-AC ☐	Optional		GMD-85/4-DC ☐	Optional
100A	175 x 203 x 181	GMC-100/4-AC ☐	2a2b	175 x 203 x 181	GMC-100/4-DC ☐	2a2b
125A		GMC-125/4-AC ☐	2a2b		GMC-125/4-DC ☐	2a2b
150A	175 x 203 x 181	GMC-150/4-AC ☐	2a2b	175 x 203 x 181	GMC-150/4-DC ☐	2a2b
180A		GMC-180/4-AC ☐	2a2b		GMC-180/4-DC ☐	2a2b
220A		GMC-220/4-AC ☐	2a2b		GMC-220/4-DC ☐	2a2b
300A		GMC-300/4-AC ☐	2a2b		GMC-300/4-DC ☐	2a2b
400A	206 x 243 x 199	GMC-400/4-AC ☐	2a2b	206 x 243 x 199	GMC-400/4-DC ☐	2a2b
600A		GMC-600/4-AC ☐	2a2b		GMC-600/4-DC ☐	2a2b
800A	346 x 310 x 241	GMC-800/4-AC ☐	2a2b	346 x 310 x 241	GMC-800/4-DC ☐	2a2b

☐ = coil voltage <See p.4 for coil selection> ex) GMD-12/4-DC24
 *Finger proof design *Auxiliary contacts built-in as standard (100A~800A) *AC/DC common use coil built (100A~800A) *DIN-rail(9~85A) or screw mountable

ABB AC contactor

Application

A 9 ... A 110 contactors are mainly used for controlling 3-phase motors and generally for controlling power circuits up to 690 V a.c. / 1000 V a.c. or 220 V d.c. / 440 V d.c. The contactors can also be used for many other applications such as isolation, capacitor switching, lighting.

Description

The A... series 3-pole contactors are of the block type design.

- Main poles and auxiliary contact blocks
 - A 9 ... A 40 1-stack contactors:
 - 3 main poles,
 - 1 built-in auxiliary contact,
 - front and side mounted add-on auxiliary contact blocks.
 - A 50 ... A 110 contactors:
 - 3 main poles,
 - front and side mounted add-on auxiliary contact blocks.
- Control circuit: a.c. operated with laminated magnet circuit
- Accessories: a wide range of accessories is available



Rated operational current AC-3 400 V A	AC-1 40 ° C A	KW	Auxiliary contacts fitted 1st stack		Weight kg	Footprint H W D			Order Code state coil voltage (see table below)
			1	-		H	W	D	
9	25	4	1	-	0.34	74	44	74	A9.30.10
			-	1	0.34				A9.30.01
12	27	5.5	1	-	0.34	74	44	74	A12.30.10
			-	1	0.34				A12.30.01
17	30	7.5	1	-	0.34	74	44	74	A16.30.10
			-	1	0.34				A16.30.01
26	45	11	1	-	0.60	90	54	94	A26.30.10
			-	1	0.60				A26.30.01
32	55	15	1	-	0.71	90	54	108	A30.30.10
			-	1	0.71				A30.30.01
37	60	18.5	1	-	0.71	90	54	108	A40.30.10
			-	1	0.71				A40.30.01
50	100	22	1	1	1.20	110	82	108	A50.30.11
65	115	37	1	1	1.20	110	82	108	A63.30.11
75	125	40	1	1	1.20	110	82	108	A75.30.11
96	145	45	1	1	2.04	148	102	124	A95.30.11
110	160	55	1	1	2.04	148	102	124	A110.30.11

Coil voltages

Voltage V - 50Hz	Voltage V - 60Hz
24	24
48	48
110	110 ... 120
220 ... 230	230 ... 240
230 ... 240	240 ... 260
380 ... 400	400 ... 415
400 ... 415	415 ... 440

Other voltages on application