

● GENERAL

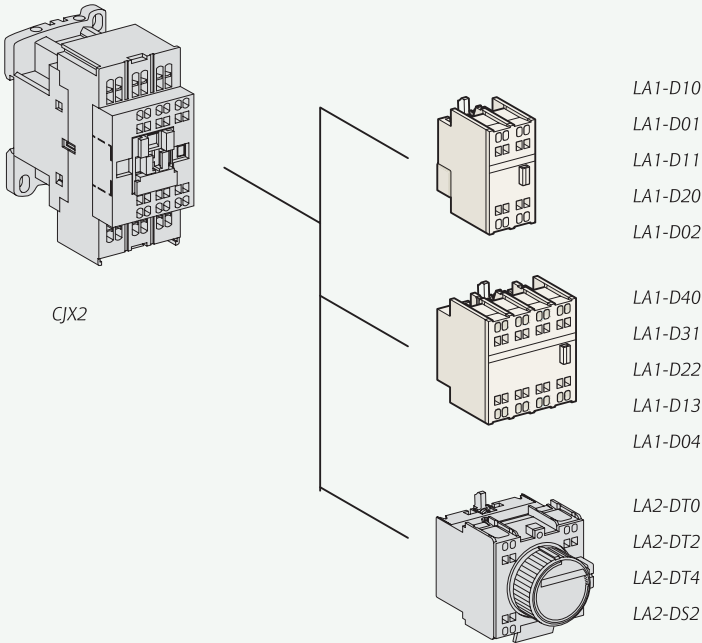
Contactors provide remote control of primarily electric motors and compensation & heating systems by cable. They protect the instruments and equipments against overload currents by using thermal relays, for Capacitor switching contactor:While switching on a capacitive circuit, a high frequency (1...15Hz) and large transient current peaks are produced. Switching of capacitor for a single or one of the capacitor banks are different from each other. Step by step"switching on" operation is more difficult for contactor than capacitor bank. Because during this operation for capacitor bank, compensated current occurs. For this reason selecting of suitable contactors the compensating current must be taken into consideration for 50kVar and above, and for less than 50 kVAR can be omitted.

● REFERENCE STANDARDS

IEC60947-4-1, EN60947-4-1, UI508, GB14048.4

● GENERAL CHARACTERISTICS

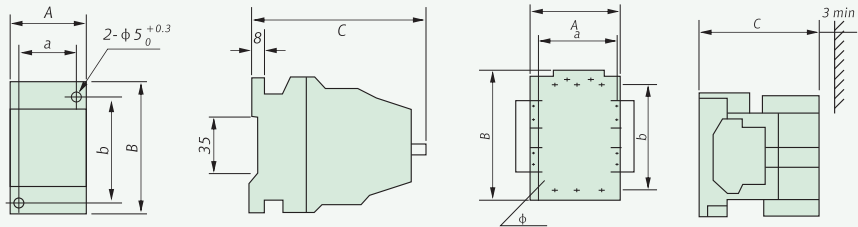
- 1-Contactor should have the high current value without being exposed to and damaged or boiling. This belongs to the quality of contactors. (Contact surface quality and weld technology) Especially at AC-3 and capacitor command, selectivity of contactor is very important.
- 2-Current which passes through the contacts causes warming when the contactor is closed. This warming is limited with the standards. For IEC 60947 -4-1 when continual thermal current(I_{th}) is passed through the main contacts, maximum increasing temperature should not exceed 65K.
- 3-While the contactor is cutting the current, electrical arc occurs between the separated contacts. Arc is the result of the thermal impression of electron and ion current which broke off the contact material. Temperature of the arc reaches to thousands of degrees and this temperature is too high for metals and insulators which are used at contact making and cutting cells. Therefore, arc should end as soon as possible. For this reason separators are used inside of contactors.



Ref.	Model	Rated Current (A)	Thermal Current (A)	Control Capacity (KW)	Case Qty.(Pcs)	Item Code
CJX1-09~12	CJX1-09	9	20	4	50	310090
	CJX1-12	12	20	5.5	50	310120
	CJX1-16	16	30	7.5	50	310160
	CJX1-22	22	30	11	50	310220
	CJX1-32	32	45	15	30	310320
	CJX1-45	45	80	22	16	310450
	CJX1-63	63	80	30	16	310630
CJX1-16~22	CJX1-75	75	100	37	6	310750
	CJX1-85	85	100	45	6	310850
	CJX1-110	110	160	55	6	311100
	CJX1-140	140	160	75	6	311400
	CJX1-170	170	210	90	4	311700
	CJX1-205	205	210	110	4	312051
	CJX1-250	250	300	132	2	312500
CJX1-32	CJX1-300	300	300	160	2	313000
	CJX1-400	400	400	200	2	314000
	CJX1-475	475	550	250	2	314750

Note: Please mention the coil volatge when ordering. Our standard coil voltages are 24V, 36V, 110V, 220V, 380V, 415V, other else upon request.

● DIMENSION



Model	Dimension(mm)					
	A	B	C	a	b	φ
CJX1-9/12	45	78.5	104(90)	35+0.31	60+0.37	
CJX1-16/22	46	85	114	35+0.31	75+0.37	
CJX1-32	74	88	108	50+0.31	75+0.37	
CJX1-45/63	91(114)	120	124	70+0.6	100+0.2	4.8
CJX1-75/85	102(125)	135	142	80+0.6	100+0.2	5.5
CJX1-110/140	122(145)	156	154	100+0.2	130+0.8	6.5
CJX1-170/205	140(163)	185	190	100+0.2	160+0.8	7
CJX1-250/300	150(173)	205	200	120+0.2	180+0.8	9
CJX1-400/475	165(188)	205	225	130+0.8	180+0.8	9

● MECHANICAL INTERLOCKING MAGNETIC CONTACTOR

Ref.	Model	Rated Current (A)	Thermal Current (A)	Control Capacity (KW)	Case Qty.(Pcs)	Item Code
CJX1-09N	CJX1-09N	9	20	4	20	310094
	CJX1-12N	12	20	5.5	20	310124
	CJX1-16N	16	30	7.5	20	310164
	CJX1-22N	22	30	11	20	310224
	CJX1-32N	32	45	15	10	310324
	CJX1-45N	38	45	18.5	8	310454
	CJX1-63N	45	70	22	8	310634
CJX1-85N	CJX1-75N	63	70	30	4	310754
	CJX1-85N	75	90	37	4	310854
	CJX1-110N	85	90	45	4	311104
	CJX1-140N	110	150	55	4	311404
	CJX1-170N	140	150	75	2	311704
	CJX1-205N	170	180	90	2	312054
	CJX1-250N	205	220	110	1	312504
CJX1-140N	CJX1-300N	250	300	132	1	313004
	CJX1-400N	300	300	160	1	314004

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CJX1-45~85

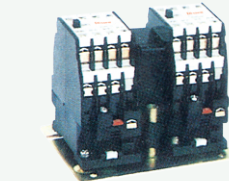
CJX1-110~140

CJX1-170~475

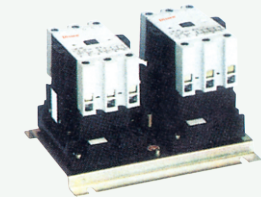
CJX1-140N



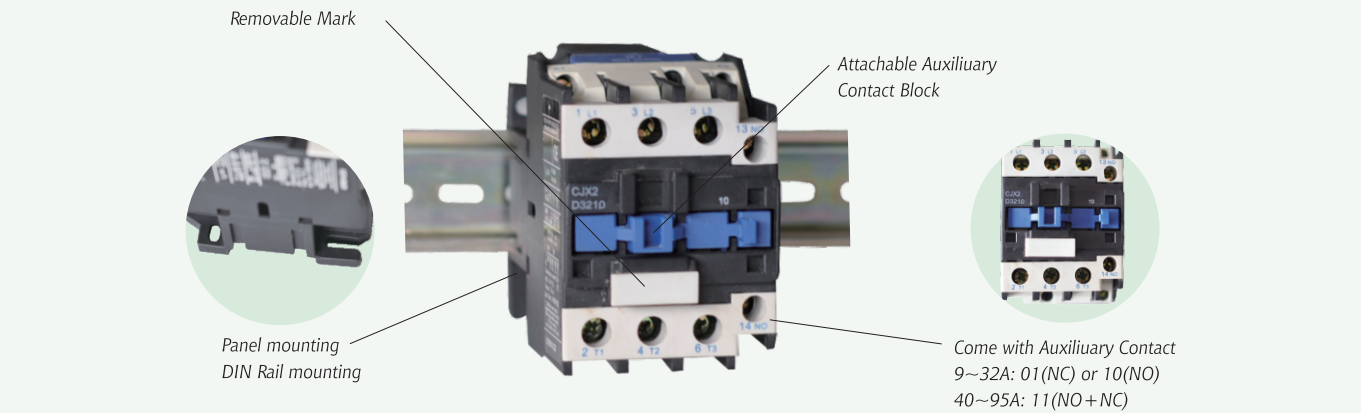
CJX1-09N



CJX1-85N



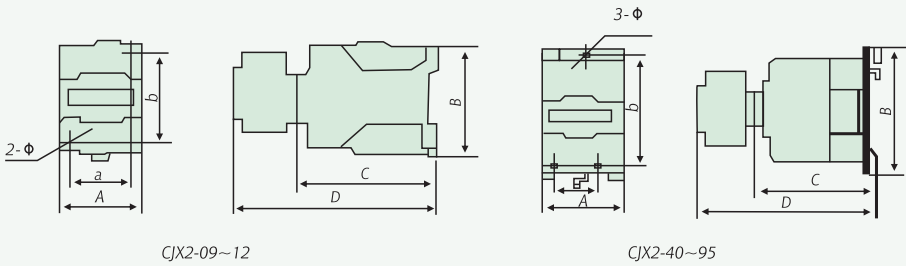
● FEATURE



Ref.	Model	Rated Current (A)	Thermal Current (A)	Control Capacity(KW)	Case Qty.(Pcs)	Item Code
CJX2-09-12	CJX2-09	09	20	4	50	320009
	CJX2-12	12	20	5.5	50	320012
	CJX2-18	18	32	7.5	50	320018
CJX2-18	CJX2-25	25	40	11	50	320025
	CJX2-32	32	50	15	50	320032
	CJX2-40	40	60	18.5	20	320041
CJX2-25	CJX2-50	50	80	22	20	320050
	CJX2-65	65	80	30	20	320065
	CJX2-80	80	125	37	10	320080
CJX-32	CJX2-95	95	125	45	10	320095

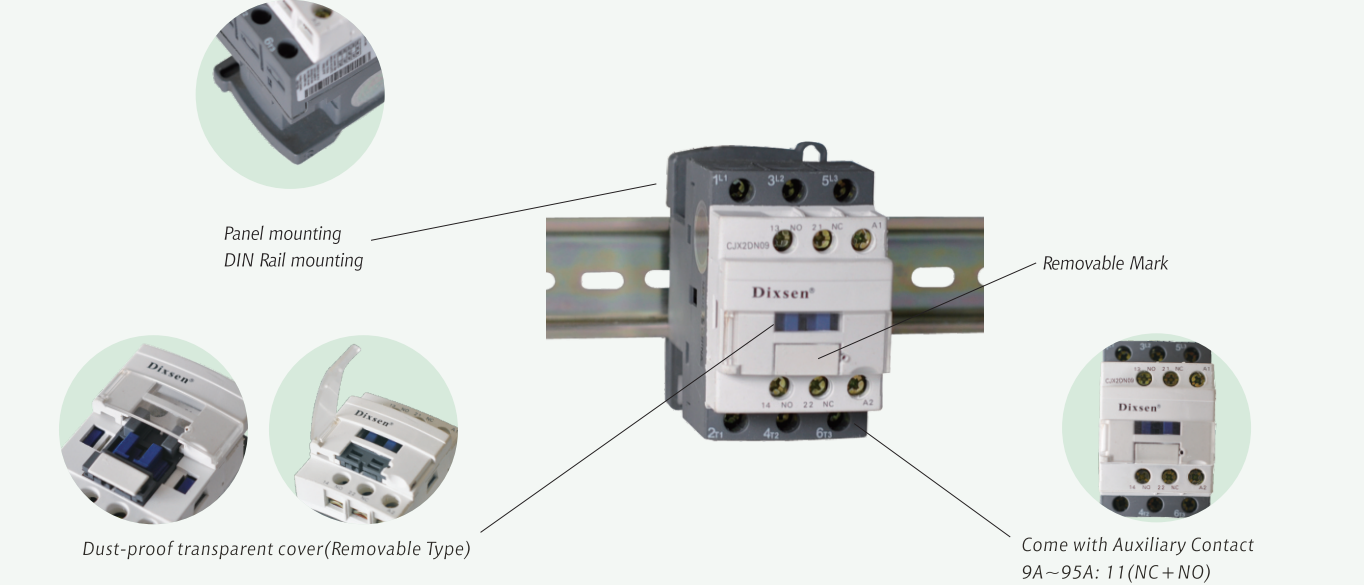
Note: Please mention the coil volatge when ordering. Our standard coil voltages are 24V, 36V, 110V, 220V, 380V, 415V, other else upon request.

● DIMENSION



Model	Dimension(mm)						
	A	B	C	D	a	b	Φ
CJX2-09/12	47	76	82	113	34/35	50/60	4.5
CJX2-18	47	76	87	118	34/35	50/60	4.5
CJX2-25	57	86	95	126	40	48	4.5
CJX2-32	57	86	100	131	40	48	4.5
CJX2-40/65	77	129	116	145	40	100/110	6.5
CJX2-80/95	87	129	127	175	40	100/110	6.5

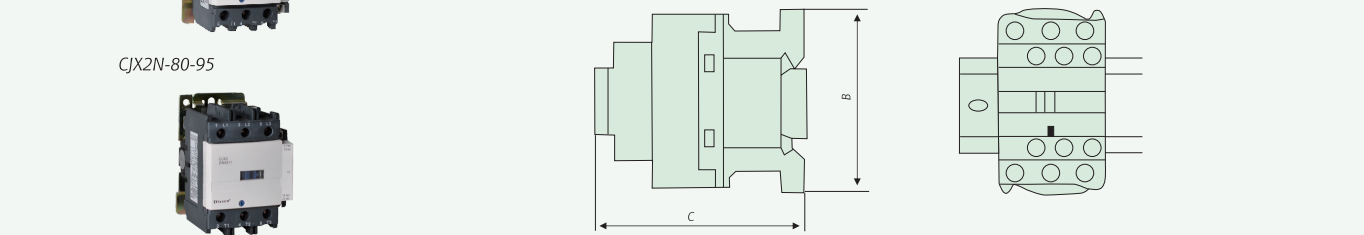
● FEATURE



Ref.	Model	Rated Current (A)	Thermal Current (A)	Control Capacity (KW)	Case Qty.(Pcs)	Item Code
CJX2N-09-18	CJX2N-09	09	25	4	50	320090
	CJX2N-12	12	25	5.5	50	320120
	CJX2N-18	18	32	7.5	50	320180
CJX2N-25-38	CJX2N-25	25	40	11	50	320250
	CJX2N-32	32	50	15	50	320320
	CJX2N-38	38	50	18.5	50	320380
CJX2N-40-65	CJX2N-40	40	60	18.5	10	320400
	CJX2N-50	50	80	22	10	320500
	CJX2N-65	65	80	30	10	320650
CJX2N-80-95	CJX2N-80	80	125	37	10	320800
	CJX2N-95	95	125	45	10	320950

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● DIMENSION



Dimensions(mm)											
	CJX2N-09	CJX2N-12	CJX2N-18	CJX2N-25	CJX2N-32	CJX2N-38	CJX2N-40	CJX2N-50	CJX2N-65	CJX2N-80	CJX2N-95
B	76.6	76.6	76.6	76.6	76.6	76.6	127	127	127	127	127
C	87	87	87	94	94	94	116	116	116	123.8	123.8

● AUXILIARY CONTACT BLOCK

Ref.	Model	Contact	Case Qty.(Pcs)	Item Code
LA1-DN20	LA1-DN10	NO	500	121401
	LA1-DN01	NC	500	121402



● Auxiliary contact blocks are easily installed and removed.

LA1-DN11	NO + NC	300	121410
LA1-DN20	2NO	300	121411
LA1-DN02	2NC	300	121420

LA1-DN40	4NO	300	121404
LA1-DN31	3NO + NC	300	121413
LA1-DN22	2NO + 2NC	300	121422
LA1-DN13	NO + 3NC	300	121431
LA1-DN04	4NC	300	121440

Ref.	Model	Delay Time	Contact	Case Qty.(Pcs)	Item Code
LA2-DT2	LA2-DT0	0.1~3S	NO + NC	100	122424
	LA2-DT2	0.1~30S	NO + NC	100	122492
	LA2-DT4	10~180S	NO + NC	100	123420
	LA2-DS2	1~30S	NO + NC	100	123422

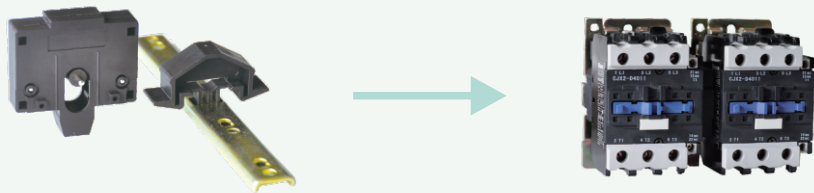


LA3-DT0	0.1~3S	NO + NC	100	123424
LA3-DT2	0.1~30S	NO + NC	100	128411
LA3-DT4	10~180S	NO + NC	100	128420

Ref.	Model	For Mechanical Interlocking	Case Qty.(Pcs)	Item Code
LK-1	LK-1	CJX2-09N~32N	400	121101
	LK-2	CJX2-40N~95N	200	121102



● DEMO



● CONTACTORS DAMAGES AND REPAIRS

Contactor damages and effects of these damages:
There can be damages when the contactors are not used according to technical datas and then failures begin to occur at the feeding system.

● REASONS OF PROBABLE CANCELLATION OF CONTACTORS

Generally, contactors are the devices, which do not damage easily. If the selection is made correctly and operating conditions are not out of order, contactor can make millions times opening and closing safely. The reasons of the cancellation and their solutions are given below.
Excessive length of cable of command circuit (coils) can cause some problems. Voltage is low during the long cables and this reason makes the closing difficulty and over big cross-sectioned cable capacitance obstruct opening. Generally advised cable cross-section and length are mentioned in catalogues. If the command circuit is longer than the advised value, higher contactor and more lower coil voltage, resistance or inductive impedance connection should be used.
Dirt or foreign particles in the contactor, hard atmosphere conditions and corrosion can obstruct the closing operation of contactor. If we face a problem like this, contactor should be cleaned, appropriately. Then the circuit should be checked and modified for a more protective environment for the contactor. If there is a factor damaging the conduction, it should be removed.
Events that can cause the contactor's, noisy operation is dust and having foreign particles in the air space etc, unsuitable voltage and frequency. Also defect of the nucleus surface because of long time operation. To obstruct all these, we should provide the clearness of the nucleus face and (if needed) coil changing should be made for voltage and frequency.

● FACTOR OF THE COIL

The coils of contactors are safely controlled between 0.8 and 1.1 times of their rated coil voltage. They operate at full performance in the ambient temperature of -5 0°C and +55°C. The ability of assembling contactors to rails provides a great facility during installation. The ingredient of the material provides a resistance to an insulation voltage of 1000V.

● CHANGING THE COIL

New coil is put on by pulling up screws, which are taking place on both sides of the contactor, separating the upper parts and taking the coil out off its socket. Much attention should be paid to placing on its spring that at the bottom side, during re-assembling.

● BOBBIN WITH COIL

Ref.	Model	For Contactor	Case Qty.(Pcs)	Item Code
LX1-D2	LX1-D2	CJX2-09~18	250	141042
	LX1-D4	CJX2-25~32	150	141044
LX1-D4	LX1-D6	CJX2-40~95	100	141046
	LX1-FF	CJX2-F115~150	30	141606
LX1-D4	LX1-FG	CJX2-F185~225	30	141607
	LX1-FH	CJX2-F265~330	30	141608
LX1-D6	LX1-FJ	CJX2-F400	20	141610
	LX1-FK	CJX2-F500	20	141611
LX1-D6	LX1-FL	CJX2-F630	20	141612
	LX1-FX	CJX2-F780	20	141621

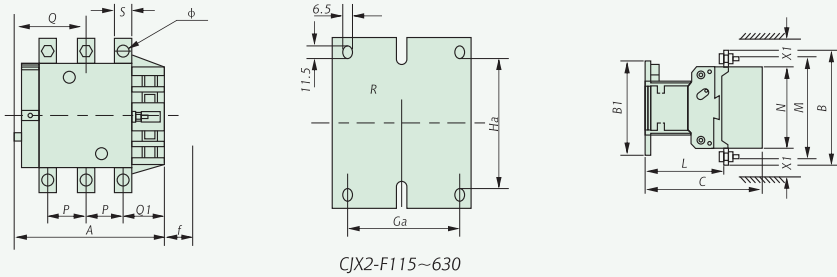


Note: Please mention the coil volatge when ordering. Our standard coil voltages are 24V, 36V, 110V, 220V, 380V, 415V, other else upon request.

Ref.	Model	Rated Current (A)	No. Of Pole	Control Capacity (KW)		Case Qty.(Pcs)	Item Code
				380V(AC3)	660V(AC3)		
CJX2-F400/3P	CJX2-F115/3P	115	3P	55	80	4	361153
	CJX2-F115/4P	115	4P	55	80	4	361154
	CJX2-F150/3P	150	3P	75	100	4	361503
	CJX2-F150/4P	150	4P	75	100	4	361504
CJX2-F400/4P	CJX2-F185/3P	185	3P	90	110	4	361853
	CJX2-F185/4P	185	4P	90	110	2	361854
	CJX2-F225/3P	225	3P	110	129	2	362253
	CJX2-F225/4P	225	4P	110	129	2	362254
CJX2-F630/3P	CJX2-F265/3P	265	3P	132	160	2	362653
	CJX2-F265/4P	265	4P	132	160	2	362654
	CJX2-F330/3P	330	3P	160	220	2	363303
	CJX2-F330/4P	330	4P	160	220	2	363304
CJX2-F630/4P	CJX2-F400/3P	400	3P	200	280	2	364003
	CJX2-F400/4P	400	4P	200	280	2	364004
	CJX2-F500/3P	500	3P	250	335	2	365003
	CJX2-F500/4P	500	4P	250	335	2	365004
CJX2-F780/3P	CJX2-F630/3P	630	3P	335	450	1	366303
	CJX2-F630/4P	630	4P	335	450	1	366304
	CJX2-F780/3P	780	3P	400	475	1	367803
	CJX2-F780/4P	780	4P	400	475	1	367804

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● DIMENSION



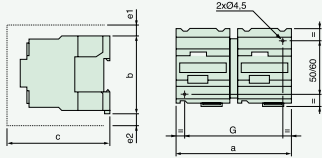
Model	Dimension(mm)													
	A	B	C	B1	P	Q	S	Q1	M	N	L	Φ	Ga	Ha
CJX2-F115	158	120	132	158	35	60	17	25	134	96.2	75	M6	-	-
CJX2-F150	158	120	132	158	35	60	17	25	134	96.2	75	M6	-	-
CJX2-F185	158	120	132	158	35	60	17	25	134	96.2	75	M6	-	-
CJX2-F225	168.5	174	181	137	40	69	20	59.4	154	127	113.5	M8	80	120-106
CJX2-F265	168.5	197	181	137	48	69	25	51.5	172	127	113.5	M10	80	120-106
CJX2-F330	213	206	219	145	48	91	25	74	181	158	145	M10	80	120-106
CJX2-F400	213	206	219	209	48	91	25	74	181	158	145	M10	80	120-106
CJX2-F500	233	238	232	209	55	108	30	77	208	172	146	M10	80	180
CJX2-F630	309	304	255	280	80	140	40	89	264	202	155	M12	80	180

● MECHANICAL INTERLOCKING MAGNETIC CONTACTOR

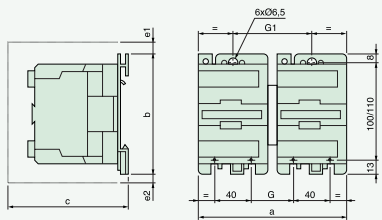
Ref.	Model	Rated Current (A)	Thermal Current (A)	Control Capacity (KW)	Case Qty.(Pcs)	Item Code
CJX2-40N	CJX2-09N	09	20	4	30	340094
	CJX2-12N	12	20	5.5	30	340124
	CJX2-18N	18	32	7.5	30	340184
	CJX2-25N	25	40	11	20	340254
	CJX2-32N	32	50	15	20	340324
	CJX2-40N	40	60	18.5	12	340404
	CJX2-50N	50	80	22	12	340504
	CJX2-65N	65	80	30	12	340654
	CJX2-80N	80	125	37	12	340804
	CJX2-95N	95	125	45	12	340954

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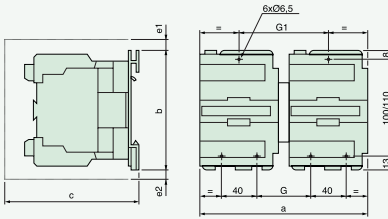
● DIMENSION



CJX2-09N~38N



CJX2-40N~65N



CJX2-80N~95N

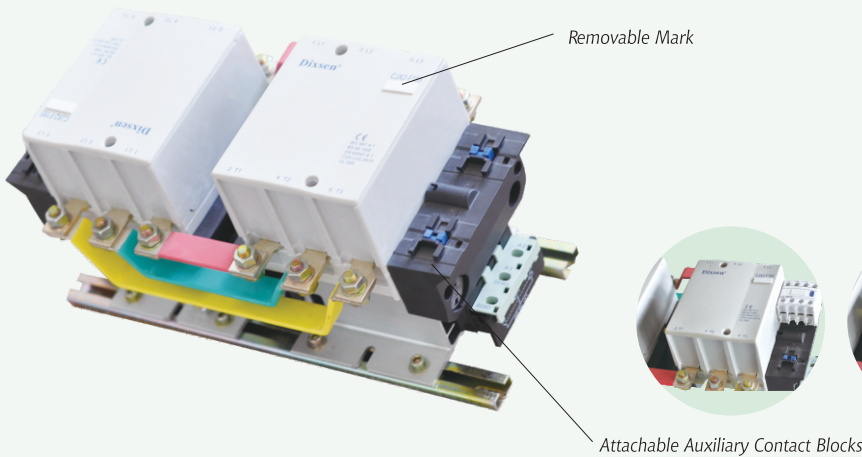
Model	A	B	C	e1(3P)	e2(4P)	G
CJX2-09N, 12N	105	74	84	7	6	95
CJX2-18N	106	74	92	8	-	95
CJX2-25N	127	84	99	9	7	111
CJX2-32N,38N	127	84	117	10	-	111

Model	a	b	c	e1	GG	1
CJX2-40N, 50N, 55N (3pole)	165	127	142	5	50	90
Model	a	b	c	e2	GG	1
CJX2-40N, 65N (4 pole)	182	127	133	11	57	97

Model	a	b	c	e1	GG	1
CJX2N-80N, 95N (3pole)	182	127	158	13	57	90
Model	a	b	c	e2	GG	1
CJ2N-80N (4pole)	207	127	158	20	71	11

● FEATURE

CJX2-F/N Series



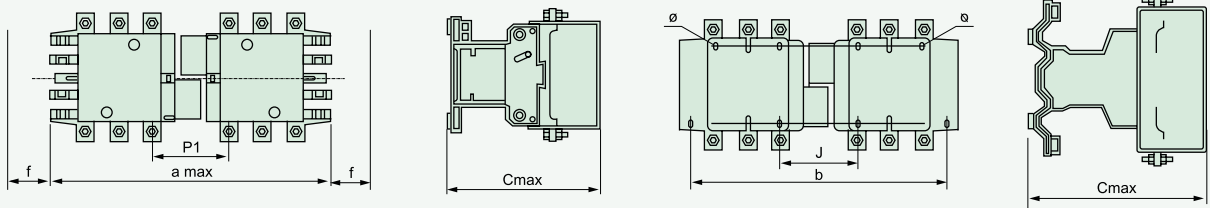
● MECHANICAL INTERLOCKING MAGNETIC CONTACTOR

Ref.	Model	Rated Current (A)	No. of Pole	Control Capacity (KW)	Case Qty.(Pcs)	Item Code
CJX2-F185N/3P	CJX2-F115N/3P	115	3P	55	1	311543
	CJX2-F115N/4P	115	4P	55	1	311544
	CJX2-F150N/3P	150	3P	75	1	315043
	CJX2-F150N/4P	150	4P	75	1	315044
CJX2-F265N/3P	CJX2-F185N/3P	185	3P	90	1	318543
	CJX2-F185N/4P	185	4P	90	1	318544
	CJX2-F225N/3P	225	3P	110	1	322543
	CJX2-F225N/4P	225	4P	110	1	322544
CJX2-F400N/3P	CJX2-F265N/3P	265	3P	132	1	326543
	CJX2-F265N/4P	265	4P	132	1	326544
	CJX2-F330N/3P	330	3P	160	1	333043
	CJX2-F330N/4P	330	4P	160	1	333044
CJX2-F780N/3P	CJX2-F400N/3P	400	3P	200	1	340043
	CJX2-F400N/4P	400	4P	200	1	340044
	CJX2-F500N/3P	500	3P	250	1	350043
	CJX2-F500N/4P	500	4P	250	1	350044
CJX2-F185N/3P	CJX2-F630N/3P	630	3P	335	1	363043
	CJX2-F630N/4P	630	4P	335	1	363044
	CJX2-F780N/3P	780	3P	400	1	378043
	CJX2-F780N/4P	780	4P	400	1	378044

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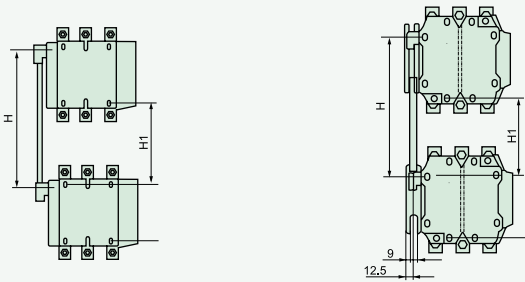
● DIMENSION

Level Installment



Model	A	J	P1	F	B	Φ	C
CJX2-F115N/3P	350	71	77	131	330	6.5	182
CJX2-F115N/4P	425	105	77	131	370	6.5	182
CJX2-F150N/3P	350	71	71	131	330	6.5	182
CJX2-F150N/4P	425	105	71	131	370	6.5	182
CJX2-F185N/3P	350	78	71	130	330	6.5	193
CJX2-F185N/4P	430	114	71	130	370	6.5	193
CJX2-F125N/3P	350	78	55	130	330	6.5	193
CJX2-F125N/4P	430	118	54	130	370	6.5	193
CJX2-F165N/3P	450	109	96	147	428	6.5	225
CJX2-F165N/4P	546	157	100	147	485	6.5	225
CJX2-F330N/3P	450	124	112	147	428	6.5	232.5
CJX2-F330N/4P	546	166	107	147	485	6.5	232.5
CJX2-F400N/3P	485	157	110	146	460	8.5	232.5
CJX2-F400N/4P	485	157	107	146	485	8.5	232.5
CJX2-F500N/3P	485	156	115	150	460	8.5	245.5
CJX2-F630N/3P	650	139	140	181	625	10.5	268.5
CJX2-F630N/4P	810	139	137	181	780	10.5	268.5

Stand Installment



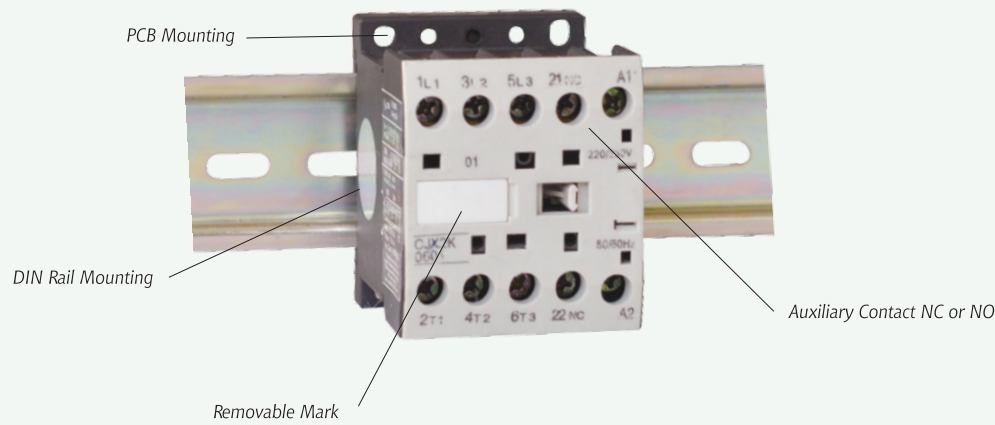
CJX2-F115N~150N

CJX2-F185N~225N

Model	H		H	
	Min	Max	Min	Max
CJX2-F115N/F150N	200	310	80	190
CJX2-F185N/F225N	220	310	100	190
CJX2-F265N	250	380	130	260
CJX2-F330N	260	380	60	200
CJX2-F400N	280	380	100	200
CJX2-F500N	300	380	120	200
CJX2-F630N	380	380	200	200

● FEATURE

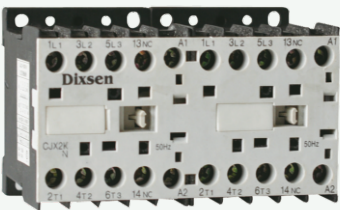
CJX2-K Series



Ref.	Model	Rated Current (A)	Thermal Current (A)	Control Capacity (KW)	Case Qty.(Pcs)	Item Code
CJX2-K06	CJX2-K06	6	16	2.2	100	311060
	CJX2-K09	9	20	4.0	100	311090
	CJX2-K12	12	20	5.5	100	311120



CJX2-K06N

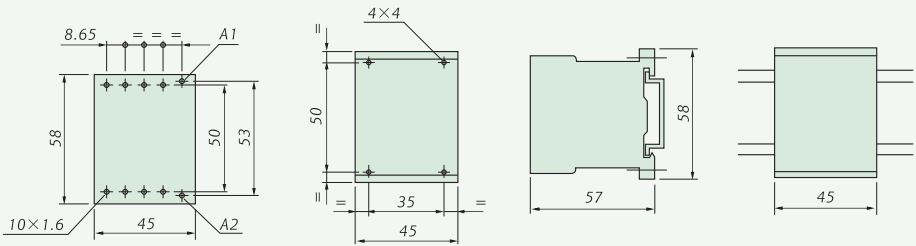


● MECHANICAL INTERLOCKING MAGNETIC CONTACTOR

CJX2-K06N	6	16	2.2	50	311064
CJX2-K09N	9	20	4.0	50	311094
CJX2-K12N	12	20	5.5	50	311124

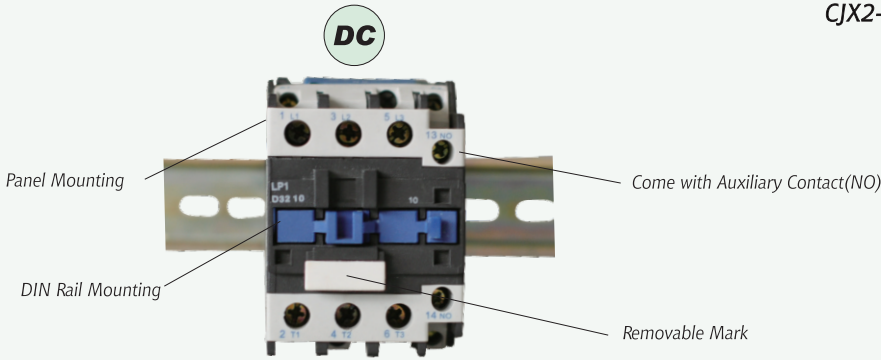
Note: Please mention the coil volatge when ordering. Our standard coil voltages are 24V, 36V, 110V, 220V, 380V, 415V, other else upon request.

● DIMENSION



● FEATURE

CJX2-Z Series

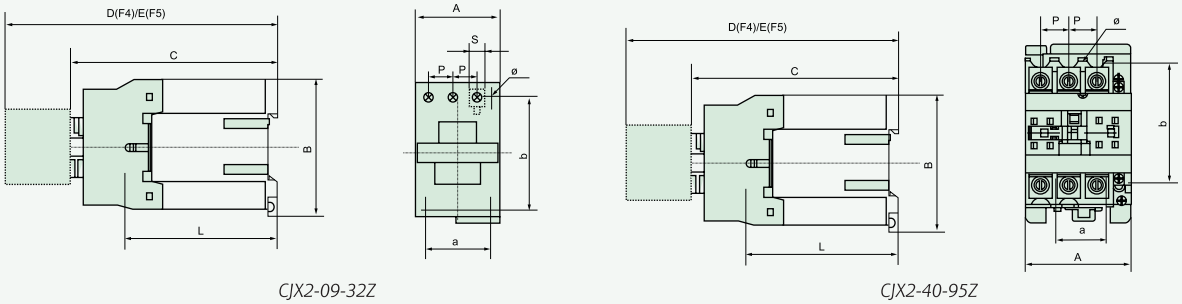


Ref.	Model	Rated Current (A)	Thermal Current (A)	Control Capacity (KW)	Case Qty.(Pcs)	Item Code
CJX2-Z32	CJX2-Z09	09	25	4	30	360096
	CJX2-Z12	12	25	5.5	30	360126
	CJX2-Z18	18	32	7.5	30	360186
	CJX2-Z25	25	40	11	30	360256
	CJX2-Z32	32	50	15	30	360326
	CJX2-Z40	40	60	18.5	10	360406
	CJX2-Z50	50	80	22	10	360506
	CJX2-Z65	65	80	30	10	360656
	CJX2-Z80	80	125	37	10	360806
	CJX2-Z95	95	125	45	10	360956



Note: Please mention the coil volatge when ordering.

● DIMENSION



Model	Dimension(mm)										
	A	B	C	D	E	a	b	Φ	L	P	S
CJX2-09Z-12Z	47	76	82(116)	120.5(154.5)	140.5(174.5)	34/35	50/60	4.5	60(95)	105	8.6
CJX2-18Z	47	76	82(116)	120.5(154.5)	140.5(174.5)	34/35	50/60	4.5	60(95)	105	8.6
CJX2-25Z	47	76	87(122)	125.5(160.5)	145.5(185.5)	34/35	50/60	4.5	61(96)	11.3	10.4
CJX2-32Z	57	86	95(131)	133.5(169.5)	153.5(189.5)	40	48	4.5	70(107)	13.2	11.7
CJX2-4011Z~6511Z	57	86	100(138)	138.5(176.5)	158.5(196.5)	40	48	4.5	71.6(120)	14.5	13
CJX2-4004/4008Z~6504/6508Z	77	129	116(173)	154.5(211.5)	174.5(231.5)	40	100/110	6.5	78(135)	20	8.6
CJX2-8011Z~9511Z	84	129	116(173)	154.5(211.5)	174.5(231.5)	40	100/110	6.5	78(135)	20	8.6
CJX2-09Z~12Z	87	129	127(188)	165.5(226.5)	185.5(246.5)	40	100/110	6.5	83(140)	23.5	12
CJX2-8004/8008Z~9504/9508Z	96	129	127(183)	160.5(221.5)	180.5(241.5)	40	100/110	6.5	83(140)	23.5	12

● SELECTION OF THE CAPACITOR SWITCHING CONTACTOR

As it is known, when the capacitor starts to operate, they cause a high frequency between 1-15 kHz. And a current that is 180 time higher than rated current for very short time period. Shock inductance is to be fixed to each phase to limit this current. But practically this type of operation is difficult. That is why capacitor switching contactors are used and for this reason the life-time of contactors increase 100% in comparision with normal contactor.

● CAPACITOR SWITCHING APPLICATION

While switching on a capacitive circuit, a high frequency (1...15hz) and large transient current peaks are produced. Switching of capcaitor for a single or one of the capacitor banks are different from each other. Step by step “switching on” operation is more difficult for contactor than capacitor bank. Because during this operation for capacitor bank, compensated current occurs. For this reason selecting of a suitable contactors the compensating current must be taken into consideration for 50kVAr and above, and for less than 50kVAr can be omitted.

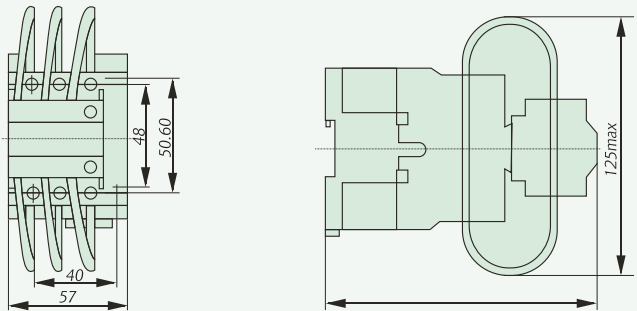
● OPERATING PRINCIPLE

When coil of contactor is energized, first contact of passing block is closed, starting current of contactor is passed through this contact, approximately after 3-5 ms contacts of passing blocks are opened and rated current of contactor is carried on main contacts.

Ref.	Model	Control Capacity (KW)	Rated Current (A)	Case Qty.(Pcs)	Item Code
CJ19-25	CJ19-25	18	12	40	310925
	CJ19-32	23	18	32	310932
	CJ19-43	29	20	32	310943
	CJ19-63	43	30	20	310963
	CJ19-95	63	40	20	310995

Note: Please mention the coil volatge when ordering. Our standard coil voltages are 24V, 36V, 110V, 220V, 380V, 415V, other else upon request.

● DIMENSION



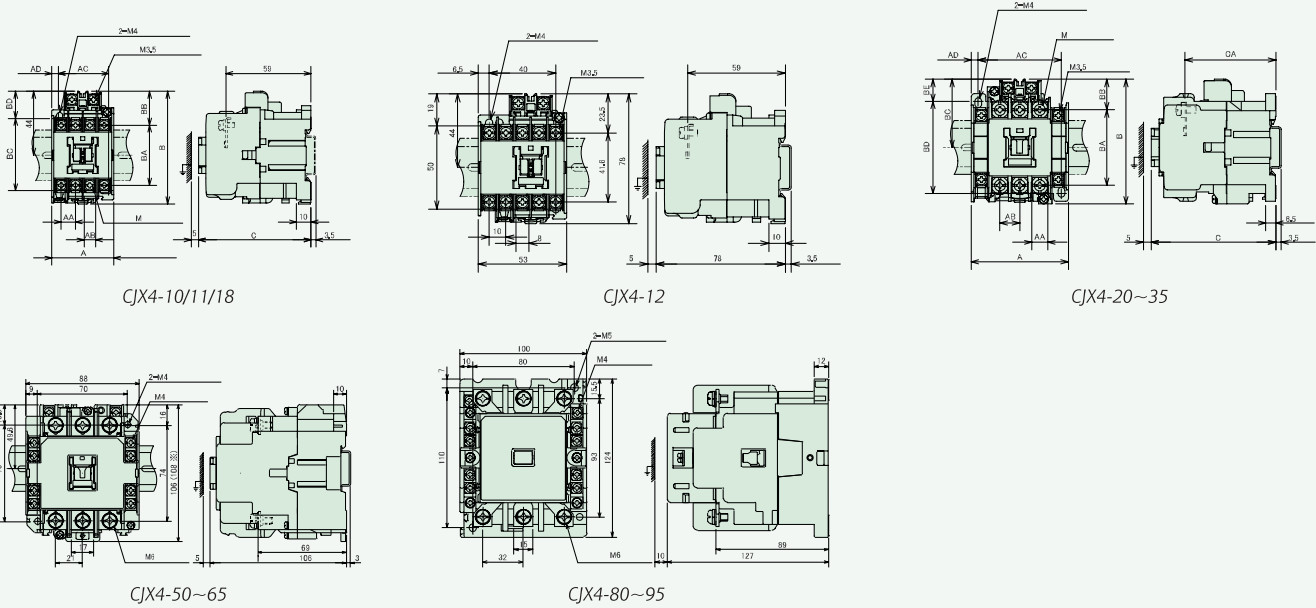
Model	Dimensions(mm)					
	A	B	C	D	E	F
CJ19-25	80	47	124	76	34/35	50/60
CJ19-32	90	58	134	86	40	48
CJ19-43	90	58	136	86	40	48
CJ19-63	132	79	150	-	-	-
CJ19-95	135	87	158	-	-	-

Ref.	Model	Rated Current (A)	Thermal Current (A)	Control Capacity (KW)	Case Qty.(Pcs)	Item Code
CJX4-10/11	CJX4-10	9	20	3.3	60	314010
	CJX4-11	12	20	4	60	314011
	CJX4-12	12	25	4	60	314012
	CJX4-18	16	25	7.5	60	314018
	CJX4-20	22	32	10	40	314020
CJX4-12	CJX4-21	22	32	10	40	314021
	CJX4-25	30	50	14	40	314025
	CJX4-35	40	60	20	40	314035
	CJX4-50	50	80	22	20	314050
	CJX4-65	62	100	30	20	314065
CJX4-18	CJX4-80	85	135	45	16	314080
	CJX4-95	105	135	55	16	314095



Note: Please mention the coil volatge when ordering. Our standard coil voltages are 24V, 36V, 110V, 220V, 380V, 415V, other else upon request.

● DIMENSION



Model	A	AA	AB	AC	AD	B	BA	BB	BC	BD	C	M
CJX4-10,11	43	10	8	35	4.5	78	41.6	23.5	50	19	78	M3.5
CJX4-18	43	13	10.5	30	5.5	79	49	20	60	13	81	M4

Model	A	AA	AB	AC	AD	B	BA	BB	BC	BD	BE	C	CA	M
CJX4-20	63	10.5	13	54	4.5	81	49	20	44	60	14	81	59	M4
CJX4-21	63	10.5	13	54	4.5	81	49	20	44	60	14	81	59	M4
CJX4-25, 35	75	13	16.7	65	5	89	55	20.5	48	70	13	91	62.5	M5

Ref.	Model	No. of Poles	Rated Current(A)	Coil Voltage (V)	Approval	Case Qty.(Pcs)	Item Code
DCK3-20/2 24V	DCK3-20/2 24V	2P	20	24	-	40	43209024
	DCK3-20/2 120V	2P	20	120	-	40	43209120
	DCK3-20/2 240V	2P	20	240	-	40	43209240
	DCK3-25/2 24V	2P	25	24	-	40	43259024
	DCK3-25/2 120V	2P	25	120	-	40	43259120
	DCK3-25/2 240V	2P	25	240	-	40	43259240
	DCK3-30/2 24V	2P	30	24	-	40	43309024
	DCK3-30/2 120V	2P	30	120	-	40	43309120
	DCK3-30/2 240V	2P	30	240	-	40	43309240
	DCK3-40/2 24V	2P	40	24	-	40	43409024
	DCK3-40/2 120V	2P	40	120	-	40	43409120
	DCK3-40/2 240V	2P	40	240	-	40	43409240



Note: Please mention the terminal type when ordering.

Ref.	Model	No. of Poles	Rated Current(A)	Coil Voltage (V)	Approval	Case Qty.(Pcs)	Item Code
DCK3-30/3-24 (W/Y/N available)	DCK3-25/3 24V	3P	25	24	cULus	32	43253024
	DCK3-25/3 120V	3P	25	120	cULus	32	43253120
	DCK3-25/3 240V	3P	25	240	cULus	32	43253240
	DCK3-30/3 24V	3P	30	24	cULus	32	43303024
	DCK3-30/3 120V	3P	30	120	cULus	32	43303120
	DCK3-30/3 240V	3P	30	240	cULus	32	43303240
	DCK3-40/3 24V	3P	40	24	cULus	32	43403024
	DCK3-40/3 120V	3P	40	120	cULus	32	43403120
	DCK3-40/3 240V	3P	40	240	cULus	32	43403240



Note: Please mention the terminal type when ordering.

DCK3-50/3 24V	3P	50	24	cULus	32	43503024
DCK3-50/3 120V	3P	50	120	cULus	32	43503120
DCK3-50/3 240V	3P	50	240	cULus	32	43503240
DCK3-60/3 24V	3P	60	24	cULus	32	43603024
DCK3-60/3 120V	3P	60	120	cULus	32	43603120
DCK3-60/3 240V	3P	60	240	cULus	32	43603240
DCK3-75/3 24V	3P	75	24	cULus	32	43753024
DCK3-75/3 120V	3P	75	120	cULus	32	43753120
DCK3-75/3 240V	3P	75	240	cULus	32	43753240

Note: Please mention the terminal type when ordering.

Ref.	Model	No. of Poles	Rated Current(A)	Coil Voltage (V)	Approval	Case Qty.(Pcs)	Item Code
DCK3-25/3-240 (W/Y/N available)	DCK3-25/3 24V	3P	25	24	-	32	43257024
	DCK3-25/3 120V	3P	25	120	-	32	43257120
	DCK3-25/3 240V	3P	25	240	-	32	43257240
	DCK3-30/3 24V	3P	30	24	-	32	43307024
	DCK3-30/3 120V	3P	30	120	-	32	43307120
	DCK3-30/3 240V	3P	30	240	-	32	43307240
	DCK3-40/3 24V	3P	40	24	-	32	43407024
	DCK3-40/3 120V	3P	40	120	-	32	43407120
	DCK3-40/3 240V	3P	40	240	-	32	43407240



Note: Please mention the terminal type when ordering.

Ref.	Model	No. of Poles	Rated Current(A)	Coil Voltage (V)	Approval	Case Qty.(Pcs)	Item Code
DCK3-25/3-24 (W/Y/N available)	DCK3-25/3 24V	3P	25	24	-	32	43255024
	DCK3-25/3 120V	3P	25	120	-	32	43255120
	DCK3-25/3 240V	3P	25	240	-	32	43255240
	DCK3-30/3 24V	3P	30	24	-	32	43305024
	DCK3-30/3 120V	3P	30	120	-	32	43305120
	DCK3-30/3 240V	3P	30	240	-	32	43305240
	DCK3-40/3 24V	3P	40	24	-	32	43405024
	DCK3-40/3 120V	3P	40	120	-	32	43405120
	DCK3-40/3 240V	3P	40	240	-	32	43405240



Note: Please mention the terminal type when ordering.

SELECTION OF THE TERMINAL

There are three sorts of terminals for 3-Pole of DCK3, please see below photos.

1. Binder Head Screw (code W): pressing connects
2. Screw with square washer(code Y): pressing connects
3. Box Lug (code N): quick connects



Binder Head Screw (W)



Screw with square washer (Y)



Box Lug (N)

Ref.	Model	No. of Poles	Rated Current(A)	Coil Voltage (V)	Case Qty. (Pcs)	Item Code
DCK3-25/4 24 (W/Y/N available)	DCK3-25/4 24V	4P	25	24	32	43254024
	DCK3-25/4 120V	4P	25	120	32	43254120
	DCK3-25/4 240V	4P	25	240	32	43254240
	DCK3-30/4 24V	4P	30	24	32	43304024
	DCK3-30/4 120V	4P	30	120	32	43304120
	DCK3-30/4 240V	4P	30	240	32	43304240
	DCK3-40/4 24W	4P	40	24	32	43404024
	DCK3-40/4 120V	4P	40	120	32	43404120
	DCK3-40/4 240V	4P	40	240	32	43404240

Note: Please mention the terminal type when ordering.

MECHANICAL INTERLOCKING MAGNETIC CONTACTOR

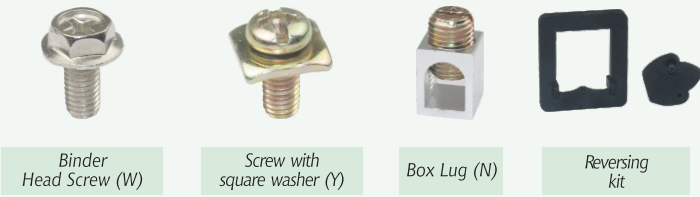
Ref.	Model	No. of Poles	Rated Current(A)	Coil Voltage (V)	Case Qty. (Pcs)	Item Code
2DCK3-25/4 24	2DCK3-25/4 24V	4P	25	24	16	43250024
	2DCK3-25/4 120V	4P	25	120	16	43250120
	2DCK3-25/4 240V	4P	25	240	16	43250240
	2DCK3-30/4 24V	4P	30	24	16	43300024
	2DCK3-30/4 120V	4P	30	120	16	43300120
	2DCK3-30/4 240V	4P	30	240	16	43300240
	2DCK3-40/4 24W	4P	40	24	16	43400024
	2DCK3-40/4 120V	4P	40	120	16	43400120
	2DCK3-40/4 240V	4P	40	240	16	43400240

Note: Please mention the terminal type when ordering. 2DCK3 3P Mechanical Interlocking Magnetic Contactor available upon request.

SELECTION OF THE TERMINAL

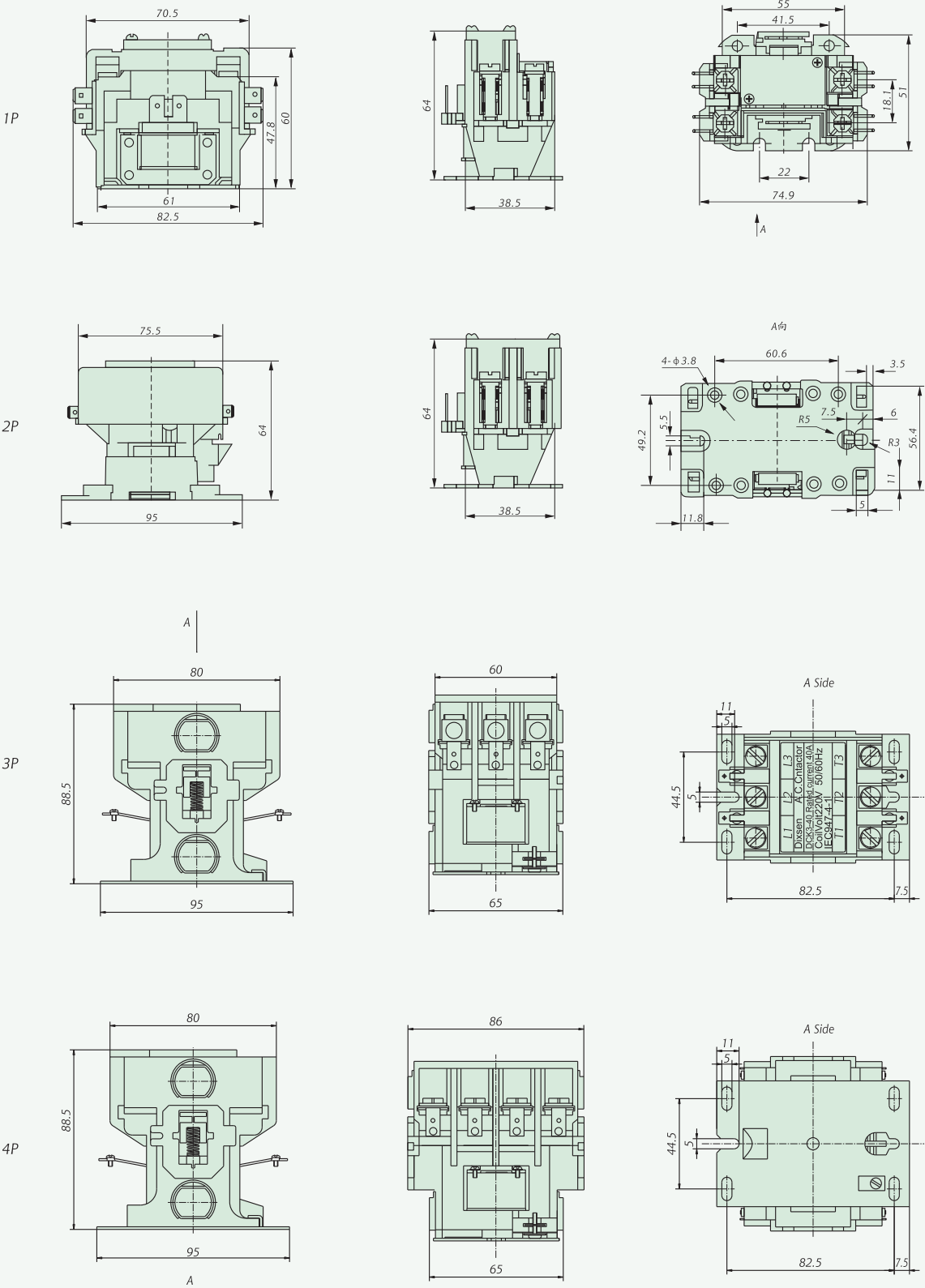
There are three sorts of terminals for 4-Pole of DCK3, please see below photos.

- 1. Binder Head Screw (code W): pressing connects
- 2. Screw with square washer(code Y): pressing connects
- 3. Box Lug Boxlug (code N): quick connects



Only one sort of Reversing Kit for the Mechanical interlocking magnetic contactor.

DIMENSION



● SELECTION OF HOUSEHOLD MAGNETIC CONTACTOR

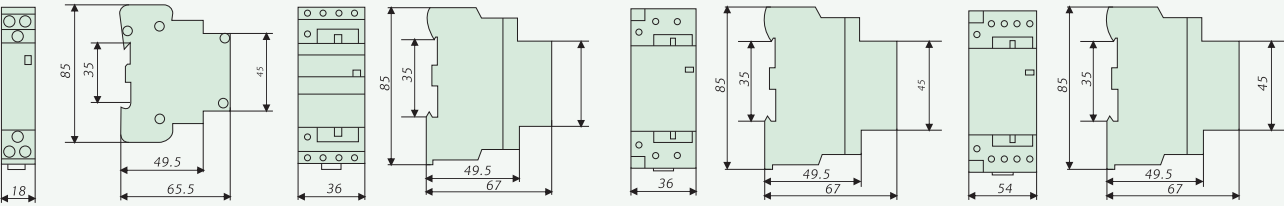
CM mini AC contactor mainly applies to circuit of AC 50Hz (or 60Hz), rated working voltage up to 400V, rated working current up to 63A to control household electric appliances and low inductive reactance load and micro inductive reactance load of similar usage, can also bound to control household motor load of which the controlling power needs to be relatively decreased.

This product applies to places such as household, hotels, apartments, etc to realize the automation of large-scale produced household electric appliances, its main performance indices comply with standards of IEC1095 etc.

Ref.	Model	No. of Poles	Rated Current(A)	Rated Thermal Current(A)	Case Qty.(Pcs)	Item Code
CM-20/1	CM-20/1	1P	20	20	120	3130201
	CM-20/2	2P	20	20	120	3130202
	CM-20/3	3P	20	20	60	3130203
	CM-20/4	4P	20	20	60	3130204
CM-25/1	CM-25/1	1P	25	25	120	3132501
	CM-25/1	2P	25	25	120	3132502
	CM-25/1	3P	25	25	60	3132503
	CM-25/1	4P	25	25	60	3132504
CM-32/1	CM-32/1	1P	32	32	60	3133201
	CM-32/2	2P	32	32	60	3133202
	CM-32/3	3P	32	32	40	3133203
	CM-32/4	4P	32	32	40	3133204
CM-40/1	CM-40/1	1P	40	40	60	3134001
	CM-40/2	2P	40	40	60	3134002
	CM-40/3	3P	40	40	40	3134003
	CM-40/4	4P	40	40	40	3134004
CM-63/1	CM-63/1	1P	63	63	60	3136301
	CM-63/2	2P	63	63	60	3136302
	CM-63/3	3P	63	63	40	3136303
	CM-63/4	4P	63	63	40	3136304

Note: Please mention the coil volatge when ordering. Our standard coil voltages are 24V, 36V, 110V, 220V, 380V, 415V, other else upon request.

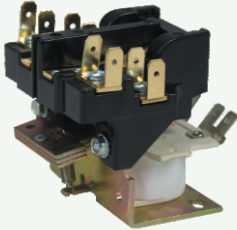
● DIMENSION



LNC1-20(16A~25A) 1P,2P LNC1-20(16A~25A) 3P,4P LNC1-63(32A~63A) 1P,2P LNC1-63(32A~63A) 3P,4P

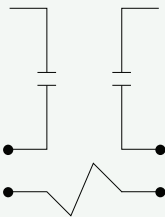
Ref.	Model	Rated Current(A)	Coil Voltage (VAC)	Switch*	Approval	Case Qty.(Pcs)	Item Code
18001	18001	30	24	DPST	cULus	80	50018001
	18002	30	120	DPST	-	80	50018002
	18003	30	240	DPST	-	80	50018003
	18005	18	24	DPST	-	80	50018005
	18006	18	120	DPST	-	80	50018006
	18007	18	240	DPST	-	80	50018007

18001

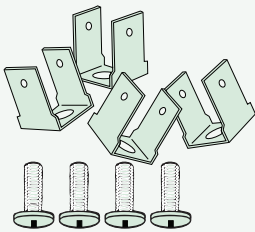


*DPST means double pole single through.

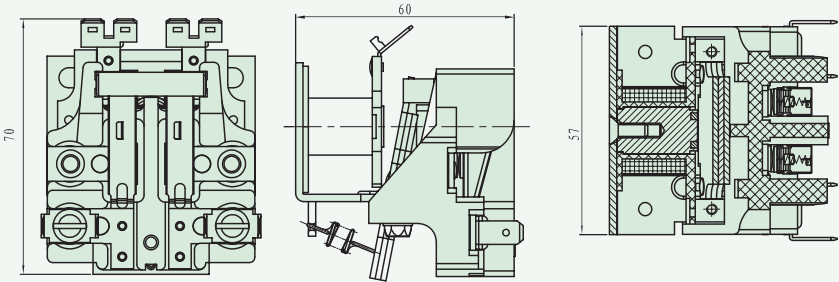
● COIL SCHEMATIC



● ACCESSORY



● DIMENSION



Ref.	Model	Rated Current (A)	Thermal Current (A)	Control Capacity(KW)	Case Qty.(Pcs)	Item Code
CJX-2AM	CJX-00M	9	20	4	60	300100
	CJX-00AM	12	20	5.5	60	300021
	CJX-0M	18	35	7.5	60	305000
	CJX-0AM	25	35	11	60	305100
	CJX-1M	32	55	15	40	301000
	CJX-01AM	40	55	18.5	40	301200
	CJX-02AM	50	90	22	20	300200
	CJX-2AM	63	90	22	20	302100
	CJX-3M	72	100	30	20	303000

CJX-2AM



Note: Please mention the coil volatge when ordering. Our standard coil voltages are 24V, 36V, 110V, 220V, 380V, 415V, other else upon request.

● FEATURE

DA Series



● REVERSING CONTACTOR(FOR 4PS) SPECIFICATION

Ref.	Model	No. of Poles	Rated Current(A)	Resistive Current(A)	Locked Rotor Current(A)	Coil Voltage(V)	Case Qty.(Pcs)	Item Code
DA-20/24	DA-20/24	2P	20	25	120	24	20	41020024
	DA-20/120	2P	20	25	120	120	20	41020120
	DA-20/220	2P	20	25	120	220	20	41020220
	DA-25/24	2P	25	30	150	24	20	41025024
	DA-25/120	2P	25	30	150	120	20	41025120
	DA/25/220	2P	25	30	150	220	20	41025220
	DA-30/24	2P	30	40	180	24	20	41030024
	DA-30/120	2P	30	40	180	120	20	41030120
	DA-30/220	2P	30	40	180	220	20	41030220
	DA-40/24	2P	40	50	240	24	20	41040024
	DA-40/120	2P	40	50	240	120	20	41040120
	DA-40/220	2P	40	50	240	220	20	41040220

● DIMENSION

