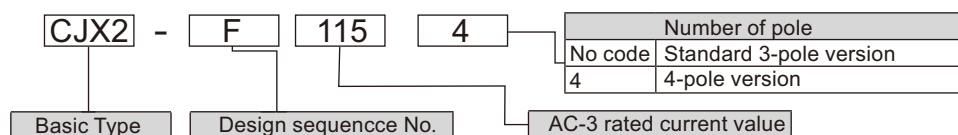




AC Contactors CJX2-F

- Contactors according to IEC / EN 60947-4-1
- Rated current 115 - 780 A at 400 V AC-3
- 3-pole versions
- Coil control voltage 24 - 415 V AC/DC
- Rated conditional short circuit current $I_q = 50$ kA
- Suitable for industrial applications
- Mounting onto panel with screws

Type Designation Structure



To order contactors:

Please specify Denor code plus Coil Voltage: 110VAC, 127VAC, 220VAC, 230VAC, 380VAC or Customize voltage

Standard power ratings of 3-phase motors 50/60Hz in category AC-3							Rated operational current in AC-3 up to 440V	Denor code	
220V KW	380V KW	415V KW	440V KW	500V KW	600V 690V KW	1000V KW		3-pole version	4-pole version
30	55	59	59	75	80	65	115	CJX2-F115	CJX2-F1154
40	75	80	80	90	100	65	150	CJX2-F150	CJX2-F1504
55	90	100	100	110	110	100	185	CJX2-F185	CJX2-F1854
63	110	110	110	129	129	100	225	CJX2-F225	CJX2-F2254
75	132	140	140	160	160	147	265	CJX2-F265	CJX2-F2654
100	160	180	200	200	220	160	330	CJX2-F330	CJX2-F3304
110	200	220	250	257	280	185	400	CJX2-F400	CJX2-F4004
147	250	280	295	355	335	335	500	CJX2-F500	CJX2-F5004
200	335	375	400	400	450	450	630	CJX2-F630	CJX2-F6304
220	400	425	425	450	475	450	780	CJX2-F780	-
220	400	425	425	450	475	450	800	CJX2-F800	-

Coil code Contactor model	Control voltage (V)				Average power consumption(20°C)		Unit weight (kg)
	110	127	220	380	Pick-up(VA)	Holding(VA)	
CJX2-F115, F150	FF110	FF127	FF220	FF380	550	45	0.44
CJX2-F185, F225	FG110	FG127	FG220	FG380	800	55	0.5
CJX2-F265	FH110	FH127	FH220	FH380	1200	13	0.73
CJX2-F330	FH110	FH127	FH220	FJ380	1200	13	0.84
CJX2-F400	FJ110	FJ127	FJ220	FJ380	1200	20	0.96
CJX2-F500	FK110	FK127	FK220	FK380	1250	24	1.1
CJX2-F630	FL110	FL127	FL220	FL380	1650	22	1.3
CJX2-F780	FX110	FX127	FX220	FX380	2100	50	2.6
CJX2-F800	FL110	FL127	FL220	FL380	1650	22	1.5

Technical Data CJX2-F

Main Parameter and Technical Characteristic

Parameter	Item	Conventional heating current (A)	Rated operational current(A)			Power of controllable 3-phase squirrel-cage motor(kW)			Operational frequency (operations/h)(AC-3)	AC-3 Electric life (10 ⁴ operations)	Mechanical life(10 ⁴ operations)	Matching fusing (SCPD)	Unit weight (kg)		
			AC-3			AC-3							Model	2P	3P
			380V	660V	1000V	380V	660V	1000V							
Model															
CJX2-F115	200	115	86	46	55	80	65	600	60	300	RT16-1	-	3.6	4.3	
CJX2-F150	200	150	107	50	75	100	65	600	60	300	RT16-1	-	3.7	4.5	
CJX2-F185	275	185	118	71	90	110	100	600	50	300	RT16-2	-	4.6	5.4	
CJX2-F225	275	225	135	90	110	129	100	600	50	300	RT16-2	-	4.7	5.7	
CJX2-F265	315	265	170	112	132	160	147	600	50	300	RT16-2	-	7.1	8.5	
CJX2-F330	380	330	225	155	160	220	160	600	50	300	RT16-3	-	8.5	10	
CJX2-F400	450	400	235	200	200	280	185	300	30	100	RT16-3	7.3	8.5	10	
CJX2-F500	580	500	290	232	250	330	315	300	30	100	RT16-4	9.1	10.8	12.9	
CJX2-F630	800	630	360	331	335	450	425	300	20	100	RT16-4	14.1	17.4	20.5	
CJX2-F780	830	780	440	400	400	470	450	300	20	100	RT16-4	23.5	40	-	
CJX2-F800	860	800	450	415	400	470	450	300	20	100	RT16-4	-	19	-	
CJX2-F1250	1260	-	-	-	-	-	-	300	20	100	RT16-4	-	18.2	-	

Overall and Mounting Dimensions

* Please refer to dimensional drawing in the next page

(Unit:mm)

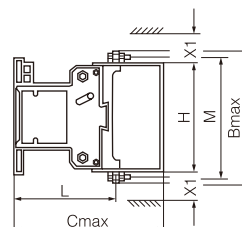
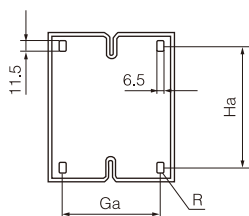
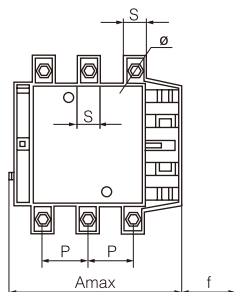
Model	CJX2-F115		CJX2-F150		CJX2-F185		CJX2-F225		CJX2-F265		CJX2-F330		CJX2-F400			CJX2-F500			CJX2-F630			CJX2-F800	CJX2-F1250
	3P	4P	3P	4P	3P	4P	3P	4P	3P	4P	3P	4P	2P	3P	4P	2P	3P	4P	2P	3P	4P	3P	3P
Amax	167	204	167	204	170	211	170	211	202	247	218	261	215	215	261	235	235	288	310	310	389	310	310
Bmax	163	163	171	171	175	175	175	175	203	203	210	210	210	210	210	240	240	240	304	304	304	304	304
Cmax	172	172	172	172	183	183	183	183	215	215	223	223	223	223	223	235	235	235	257	257	257	257	257
P	37	37	40	40	40	40	48	48	48	48	48	48	48	48	48	55	55	55	80	80	80	80	80
S	20	20	20	20	20	20	25	25	25	25	25	25	25	25	25	30	30	30	40	40	40	40	40
Φ	M6	M6	M8	M8	M8	M8	M10	M10	M10	M10	M10	M10	M10	M10	M10	M10	M10	M10	M12	M12	M12	M12	M12
f	131	131	131	131	131	131	131	131	147	147	147	147	147	147	147	150	150	150	181	181	181	181	181
M	147	147	150	150	154	154	172	172	178	178	181	181	181	181	181	208	208	208	264	264	264	264	264
H	124	124	124	124	127	127	127	127	147	147	158	158	158	158	158	172	172	172	202	202	202	202	202
L	107	107	104	107	113.5	113.5	113.5	113.5	141	141	145	145	145	145	145	146	146	146	155	155	155	155	155
X1 200~500V	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	20	20	20	20	20
X1 660~1000V	15	15	15	15	15	15	15	15	15	15	15	15	20	20	20	20	20	20	30	30	30	30	30
Ga	80	80	80	80	80	80	80	80	96	96	96	96	80	80	80	80	80	80	180	180	180	180	180
Ha	106/119		106/119		106/119		106/119		106/119		106/119		170/180			170/180			180/190			180/190	180/190

Note:a.f: min. distance needed to mount and dismount the coil

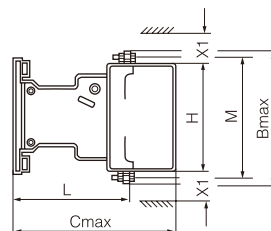
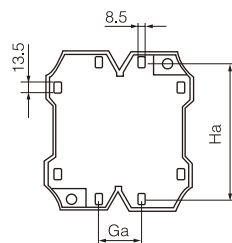
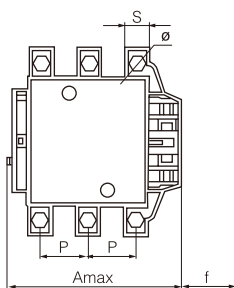
B.X1:Confirm flashover distance according to working volt and breaking capacity

Technical Data CJX2-F

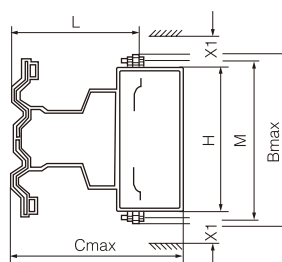
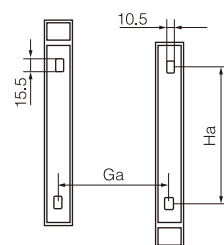
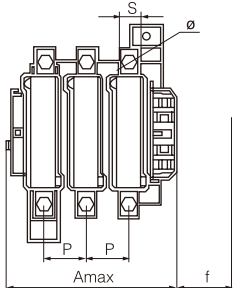
CJX2-F115~F330



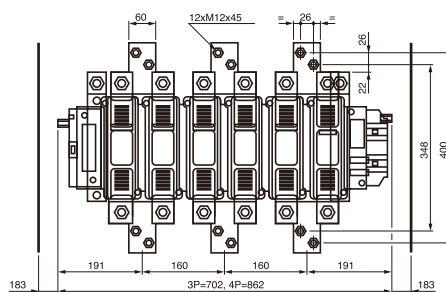
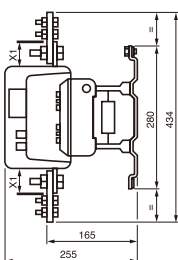
CJX2-F400~F500



CJX2-F630~F1250



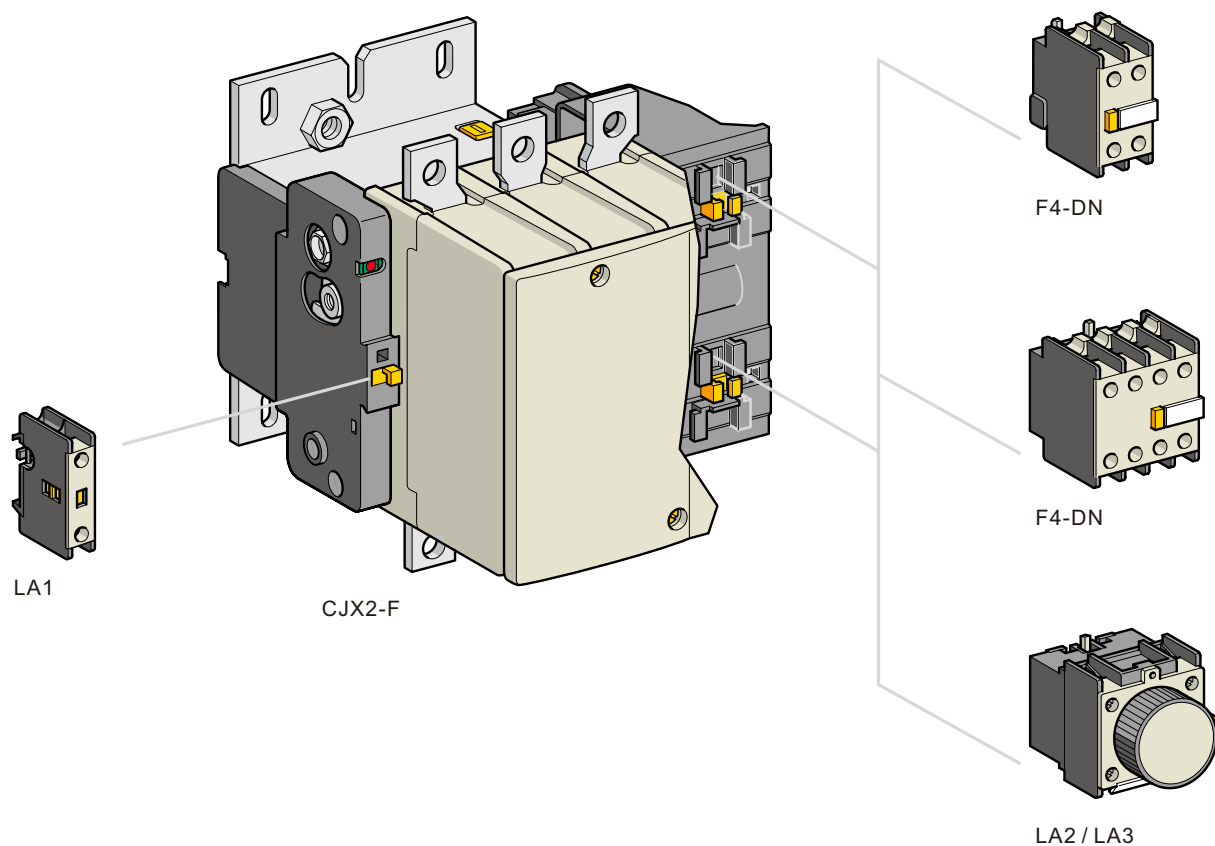
CJX2-F780



Technical Data CJX2-F

Cable Connection

Parameter \ Model	CJX2-F115	CJX2-F150	CJX2-F185	CJX2-F225	CJX2-F265	CJX2-F330	CJX2-F400	CJX2-F500	CJX2-F630	CJX2-F780	CJX2-F800
Cable connection											
Number of piece	1	1	1	1	1	1	2	2	2	2	2
Cable cross-sectional(mm ²)	95	120	150	185	240	240	150	240	240	240	240
Number of piece	2	2	2	2	2	2	2	2	2	2	2
Cu busbar(mm)	20× 3	25× 3	25× 3	32× 4	32× 4	30× 5	30× 5	40× 5	60× 5	60× 5	60× 5
Bolt connection	M6	M8	M8	M10	M10	M10	M10	M10	M12	M12	M12



Auxiliary Contacts F4 / F8



F4-DN



F8-DN



LA2 / LA3

AUXILIARY CONTACTS

At necessity the element provide auxiliary number of contacts. They are specially designed for mounting on the movable part of the magnetic core of the contactors CJX2 series.

FUNCTIONS:

- extending the number of the operative contactors up to 4 in different

Type	Structure 	Number of contacts	Installable max number of auxiliary contact block		Denor code
			Front mount	Lateral mount	
F4-DN11	1 1	2	1PCS(CJX2-09~170) 2PCS(CJX2185~620) 2PCS(CJX2-F115~F1250)	-	F4-DN11
F4-DN20	2 0	2			F4-DN20
F4-DN02	0 2	2			F4-DN02
F4-DN22	2 2	4			F4-DN22
F4-DN13	1 3	4			F4-DN13
F4-DN40	4 0	4			F4-DN40
F4-DN04	0 4	4			F4-DN04
F4-DN31	3 1	4			F4-DN31
F8-DN11	1 1	2	-	Two Only (CJX2-09~170)	F8-DN11
F8-DN20	2 0	2			F8-DN20

Time Delay Contact Block LA2 / LA3

LA2 / LA3 is designed to set time intervals from 0.1 to 180s in different control schemes. It is used most frequently in combination with contactors from CJX2 series to form "star/delta" starters for electrical motor control, as it provides the necessary time for motor winding.

Type	Number of contacts	Delay type	Time delay	Denor code
LA2-DT0	NO+NC	On delay	0.1~3s	LA2DT0
LA2-DT2	NO+NC	On delay	0.1~30s	LA2DT2
LA2-DT4	NO+NC	On delay	10~180s	LA2DT4
LA3-DR0	NO+NC	Off delay	0.1~3s	LA3DR0
LA3-DR2	NO+NC	Off delay	0.1~30s	LA3DR2
LA3-DR4	NO+NC	Off delay	10~180s	LA3DR4

Technical Data F4 / F8 LA2 / LA3

Parameter	Model	F4	F8	LA2	LA3
Rated insulation voltage(V)		690	690	690	690
Conventional heating current(A)		10	10	10	10
Rated controllable capacity		AC-15 360 VA DC-13 33(W)			
Rated operational current		AC-15 380V 0.95A;DC-13 220V 0.15A			
Max operational frequency(operations/h)		3600	3600	3600	3600
Mechanical life(10 ⁴ operations)		1000	1000	1000	1000
Electric life(10 ⁴ operations)		100	100	100	100
Section of the conductor (mm ²)		0,5-1	0,5-1	0,5-1	0,5-1
Standard		IEC/EN 60947-5-1			