

Product Model

■ CDC6 high current AC contactor

Product name	Rated current	Aux. contact	Coil type	Coil voltage	Coil frequency	Special inspection
CDC6	115	00		M		
	115: 115A ... 2100: 2100A	00: 0NO+0NC 44: 4NO+4NC	Default: AC common coil / dual coil with low power consumption K: Fast coil W: Wide voltage coil	B: 24V ... X: 440V 48: 48~132V (Wide voltage coil) 100: 100~250V (Wide voltage coil)	Default: 50Hz or wide voltage coil 7: 50/60Hz Z: DC	Default: RoHS compliant Inspection product

Note: 1000A~2100A can only be used for AC-1 load rather than motor load such as AC-3.

AC-3,380/400V (1000~2100A is AC-1 load current and power)		Instantaneous aux. contact		Order code	AC-3,380/400V (1000~2100A is AC-1 load current and power)		Instantaneous aux. contact		Order code
Rated current(A)	Rated power(KW)				Rated current(A)	Rated power(KW)			
115	55	-	-	CDC6 115 00 □□□	500	250	-	-	CDC6 500 00 □□□
		4	4	CDC6 115 44 □□□			4	4	CDC6 500 44 □□□
150	75	-	-	CDC6 150 00 □□□	630	335	-	-	CDC6 630 00 □□□
		4	4	CDC6 150 44 □□□			4	4	CDC6 630 44 □□□
185	90	-	-	CDC6 185 00 □□□	800	450	-	-	CDC6 800 00 □□□
		4	4	CDC6 185 44 □□□			4	4	CDC6 800 44 □□□
225	110	-	-	CDC6 225 00 □□□	1000	630	-	-	CDC6 1000 00 □□□
		4	4	CDC6 225 44 □□□			-	-	CDC6 1250 00 □□□
265	132	-	-	CDC6 265 00 □□□	1250	780	-	-	CDC6 1450 00 □□□
		4	4	CDC6 265 44 □□□	1450	870	-	-	CDC6 1700 00 □□□
330	160	-	-	CDC6 330 00 □□□	1700	1000	-	-	CDC6 2100 00 □□□
		4	4	CDC6 330 44 □□□	2100	1250	-	-	
400	200	-	-	CDC6 400 00 □□□					
		4	4	CDC6 400 44 □□□					

Note: "□□□" indicates the coil voltage code

115~2100A

Coil voltage code table											
Coil type	Coil voltage (V)	24	36	48	110	127	220/230	240	380/400	415	440
Common coil	AC 50Hz	B	C	E	F	S	M	U	Q	L	X
Coil with low power consumption	AC 50/60Hz	B7	C7	E7	F7	S7	M7	U7	Q7	L7	X7
	Fast coil	BZ	-	EZ	FZ	-	MZ	-	-	-	-
Fast coil	AC 50/60Hz	-	-	KE7	KF7	-	KM7	-	KQ7	-	-
	DC	-	-	KEZ	KFZ	-	KMZ	-	-	-	-
Wide voltage coil	AC/DC	W48: 48-132V 50/60Hz; W100: 100-250V 50/60Hz									

Notes:

- Some current specifications cannot cover all voltage types listed in the above table, and please call 400 or contact the local sales:
- The 220/230V DC coil is DC220V.

New 6
SERIES

■ CDC6 High Current Reversible AC Contactor

Product name	Rated current	Reversible contactor	Coil type	Coil voltage	Coil frequency	Special inspection
CDC6	115	N		M		
	115: 115A ... 800: 800A	N: Reversible contactor	Default: AC common coil / dual coil with low power consumption K: Fast coil W: Wide voltage coil	B: 24V ... X: 440V 48: 48~132V (Wide voltage coil) 100: 100~250V (Wide voltage coil)	Default: 50Hz or wide voltage coil 7: 50/60Hz Z: DC	Default: RoHS compliant Inspection product

AC-3,380/400V		Instantaneous aux. contact		Order code
Rated current (A)	Rated power (KW)			
115	55	-	-	CDC6 115N □□□
150	75	-	-	CDC6 150N□□□
185	90	-	-	CDC6 185N□□□
225	110	-	-	CDC6 225N□□□
265	132	-	-	CDC6 265N□□□
330	160	-	-	CDC6 330N□□□
400	200	-	-	CDC6 400N□□□
500	250	-	-	CDC6 500N□□□
630	335	-	-	CDC6 630N□□□
800	450	-	-	CDC6 800N□□□

Note: "□□□" indicates the coil voltage code

115~800A

Coil voltage code table											
Coil type	Coil voltage (V)	24	36	48	110	127	220/230	240	380/400	415	440
Common coil	AC 50Hz	B	C	E	F	S	M	U	Q	L	X
Coil with low power consumption	AC 50/60Hz	B7	C7	E7	F7	S7	M7	U7	Q7	L7	X7
	DC	BZ	-	EZ	FZ	-	MZ	-	-	-	-
Fast coil	AC 50/60Hz	-	-	KE7	KF7	-	KM7	-	KQ7	-	-
	DC	-	-	KEZ	KFZ	-	KMZ	-	-	-	-
Wide voltage coil	AC/DC	W48: 48-132V 50/60Hz; W100: 100-250V 50/60Hz									

Notes:

1. Some current specifications cannot cover all voltage types listed in the above table, and please call 400 or contact the local sales:
2. The 220/230V DC coil is DC220V.

Technical Parameters

■ CDC6 High Current AC Contactor

Contactor model		CDC6-115	CDC6-150	CDC6-185	CDC6-225	CDC6-265	CDC6-330	CDC6-400	CDC6-500	CDC6-630	CDC6-800
Main circuit characteristics											
Rated operating current	I _e , AC-3	115A	150A	185A	225A	265A	330A	400A	500A	630A	800A
Resistive current	I _{th}	200A	200A	275A	275A	315A	380A	450A	630A	800A	800A
Rated insulation voltage (U _i)		1000V									
Rated operating voltage (U _i)		690V									
Number of poles		3-pole									
Rated operating power	220/240V	30kW	40kW	55kW	63kW	75kW	100kW	110kW	147kW	200kW	230kW
	380/400V	55kW	75kW	90kW	110kW	132kW	160kW	200kW	250kW	335kW	450kW
Class AC-3	415/440V	59kW	80kW	100kW	110kW	140kW	180kW	220kW	280kW	375kW	450kW
	660/690V	80kW	100kW	110kW	129kW	160kW	220kW	280kW	335kW	450kW	475kW
AC-3	Electrical durability (10,000 times)	130	130	110	110	90	90	90	90	65	20
	Operating frequency (cycles/h)	600	600	600	600	600	600	300	300	300	300
Mechanical durability (10,000 times)		1100	1100	650	650	650	650	650	650	650	100
Coil											
Rated control circuit voltage (U _s)	50Hz	24V, 36V, 48V, 110V, 127V, 220/230V, 240V, 380/400V, 415V, 440V									
	50/60Hz	24V, 36V, 48V, 110V, 127V, 220/230V, 240V, 380/400V, 415V, 440V									
	DC coil	DC24V, DC48V, DC110V, DC220V									
	Wide voltage coil	AC/DC: 48-132V 50/60Hz, 100-250V 50/60Hz									
	Fast coil	50/60Hz: AC48V, AC110V, AC220V, AC380V; DC48V, DC110V, DC220V									
Permissible control circuit voltage (U _s)	Run	85%~110%U _s									
	Release	20%~75%U _s									
Coil power consumption	Pull-in VA	See coil parameters									
	Hold VA										
	Heat dissipation W										
Terminal wiring function											
Hard wire	1 piece (Wire section mm ²)	95	120	150	185	240	240	-	-	-	-
Without terminal block	1 piece (Wire section mm ²)	-	-	-	-	-	-	150	240	-	-
Copper busbar	2 pieces (size mm)	20*3	25*3	25*3	32*4	32*4	30*5	30*5	40*5	60*5	60*5
Aux. contact											
Resistive current (I _{th}) A		10									
Rated operating voltage (U _e)	AC V	380									
	DC V	220									
Rated working capacity	AC-15 VA	360									
	DC-13 W	33									

■ CDC6 High Current Reversible AC Contactor

Contactor model		CDC6-1000	CDC6-1250	CDC6-1450	CDC6-1700	CDC6-2100
Main circuit characteristics						
Rated operating current I _e ,AC-1		1000A	1250A	1450A	1700A	2100A
Rated insulation voltage (U _i)		1000V				
Rated operating voltage (U _i)		690V				
Number of poles		3-pole				
Class AC-1	Rated operating power 220/240V	360KW	450KW	500KW	585KW	730KW
	380/400V	630KW	780KW	870KW	1000KW	1250KW
	415/440V	780KW	870KW	980KW	1150KW	1400KW
	660/690V	1030KW	1270KW	1430KW	1650KW	2050KW
AC-1	Electrical durability (10,000 cycles)	60	60	40	40	40
	Operating frequency (cycles/h)	600	600	600	600	600
Mechanical durability (10,000 times)		120	120	80	80	80
Coil						
Rated control circuit voltage (U _s)	50Hz					
	50/60Hz	110V,127V,220-230V,380-400V,440V				
	DC coil					
	Wide voltage coil					
	Fast coil					
Permissible control circuit voltage (U _s)	Run	85%~110%U _s				
	Release	20%~75%U _s				
Coil power consumption	Pull-in VA	See coil parameters				
	Hold VA					
	Heat dissipation W					
Terminal wiring function						
Hard wire	1 piece (Wire section mm ²)	-	-	-	-	-
Without terminal block	1 piece (Wire section mm ²)	-	-	-	-	-
Copper busbar	2 pieces (size mm)	60*5	80*5	100*5	100*5	100*5
Aux. contact						
Resistive current (I _{th}) A		10				
Rated operating voltage (U _e)	AC V	380				
	DC V	220				
Rated working capacity	AC-15 VA	360				
	DC-13 W	33				

Note:

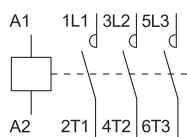
- 1000~2100A rated working power, electrical durability, operating frequency, and Mechanical durability parameters are all parameters under the AC-1 usage category;
- 1000~2100A specifications can only be available for AC-1 usage category;

■ CDC6-N high current AC contactor

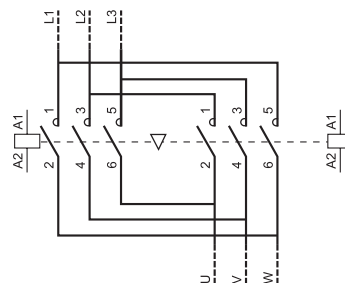
Reversible contactor (Horizontal installation)	Rated capacity (kW) AC-3		Rated current (A) AC-3		Resistive current (A) Rated current AC-1
	380V	660V	380V	660V	
CDC6-115N	55	80	115	86	200
CDC6-150N	75	100	150	108	200
CDC6-185N	90	110	185	118	275
CDC6-225N	110	129	225	137	275
CDC6-265N	132	160	265	170	315
CDC6-330N	160	220	330	235	380
CDC6-400N	200	280	400	303	450
CDC6-500N	250	335	500	353	630
CDC6-630N	335	450	630	462	800
CDC6-800N	450	475	800	486	800

■ Wiring diagram

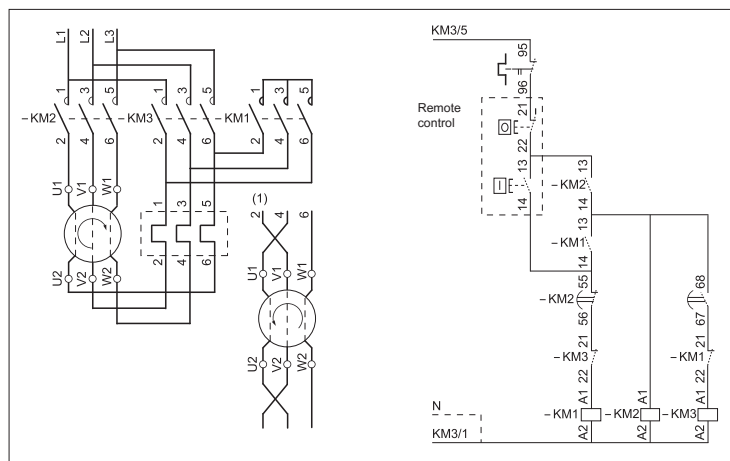
CDC6-115~2100



CDC6-115N~800N (horizontal installation, mechanical interlock)

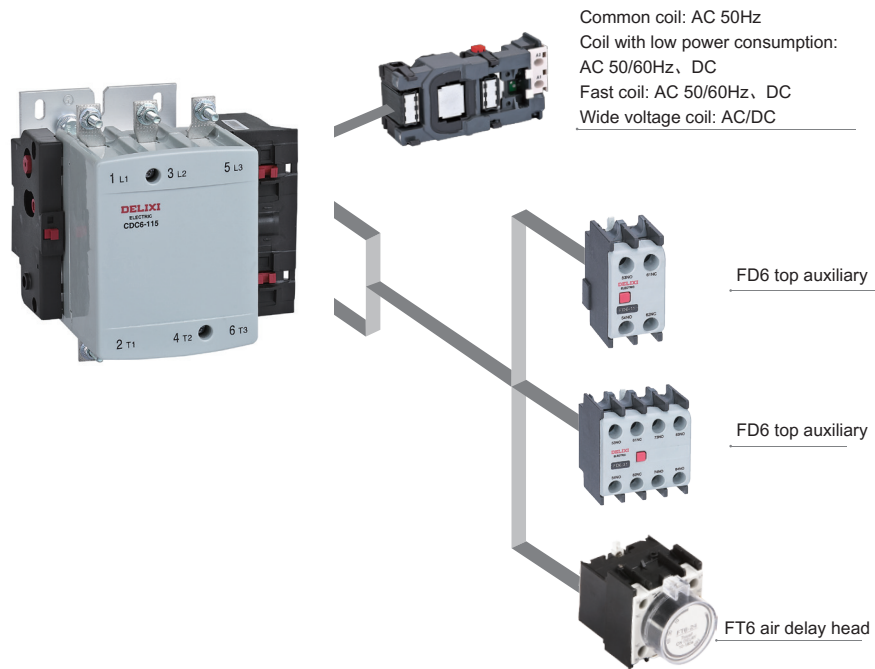


Star-delta starter wiring diagram

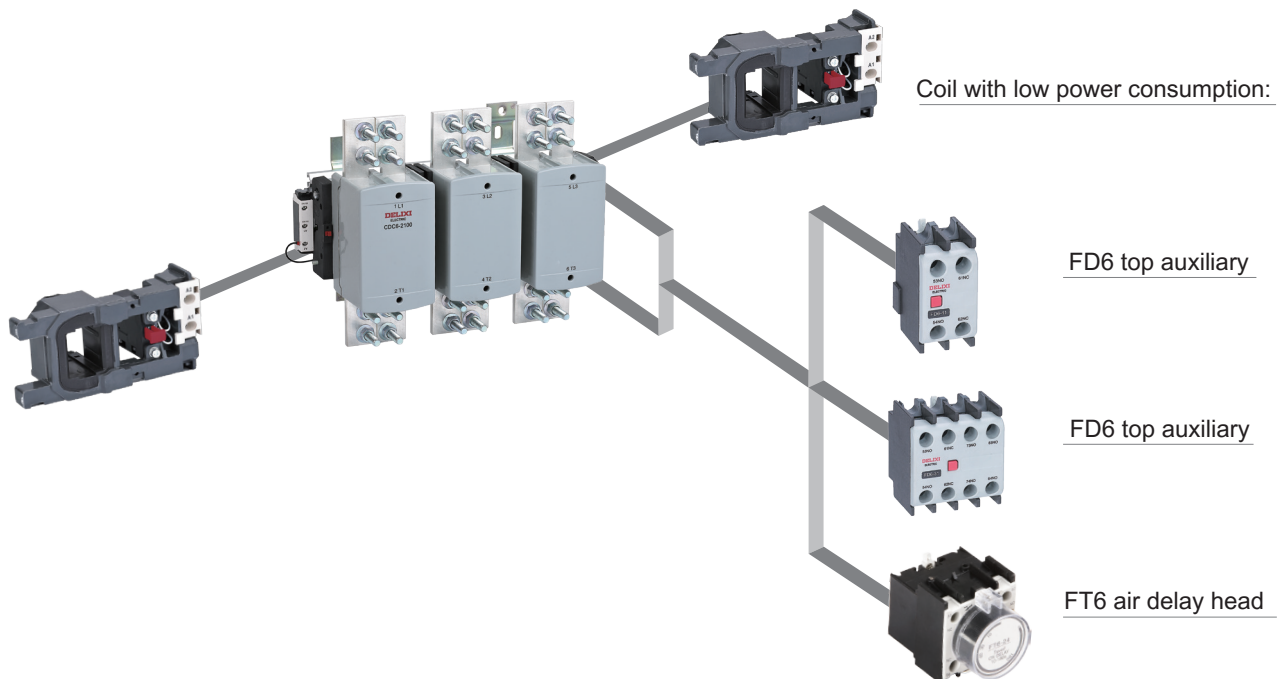


■ Accessory installation diagram

CDC6-115~1250A



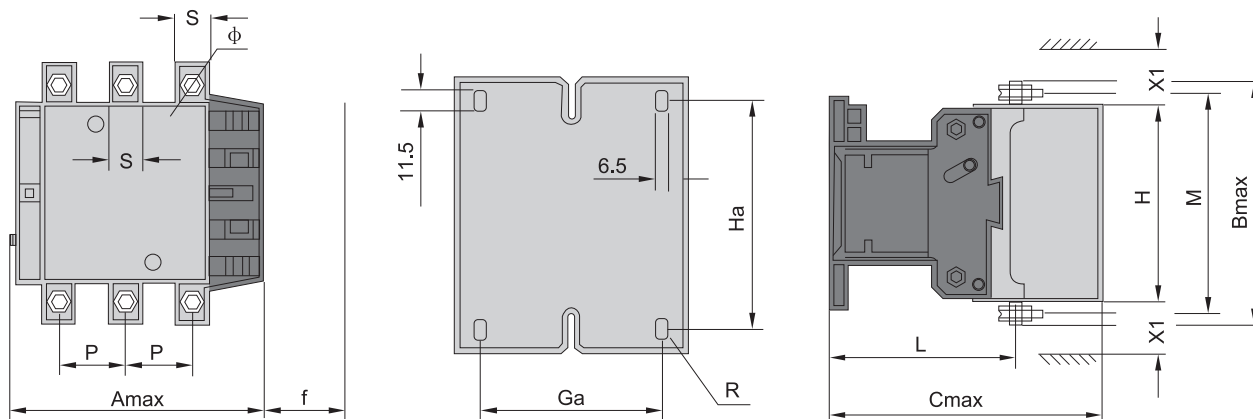
CDC6-1450~2100A



Outline and Installation Dimensions

■ CDC6 high current AC contactor

CDC6 115~330A

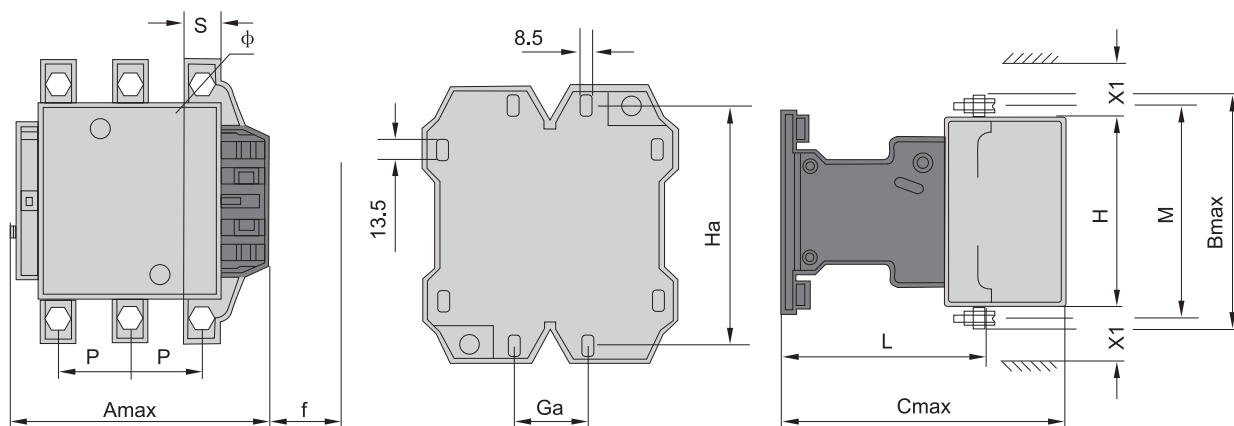


Model	Amax	Bmax	Cmax	P	S	ψ	f	M	H	L	X1 (200-550V)	X1 (600-1000V)	Ga	Ha
CDC6-115	167	163	172	37	15	M6	131	147	124	107	10	15	80	110~120
CDC6-150	167	171	172	40	20	M8	131	150	124	107	10	15	80	110~120
CDC6-185	171	174	183	40	20	M8	131	154	127	113.5	10	15	80	110~120
CDC6-225	171	197	183	48	25	M10	131	172	127	113.5	10	15	80	110~120
CDC6-265	203	203	215	48	25	M10	147	178	147	141	10	15	96	110~120
CDC6-330	213	206	220	48	25	M10	147	181	158	145	10	15	96	110~120

Note:

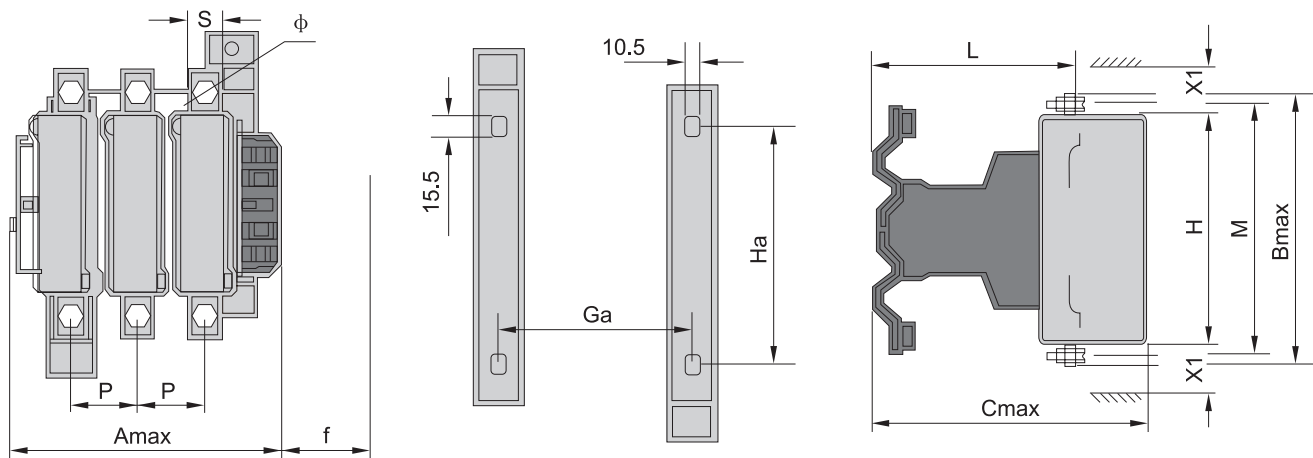
1. f indicates the minimum distance required for removal of the coil;
2. X1 indicates the flashover distance determined according to the operating voltage and breaking capacity.

CDC6 400~500A



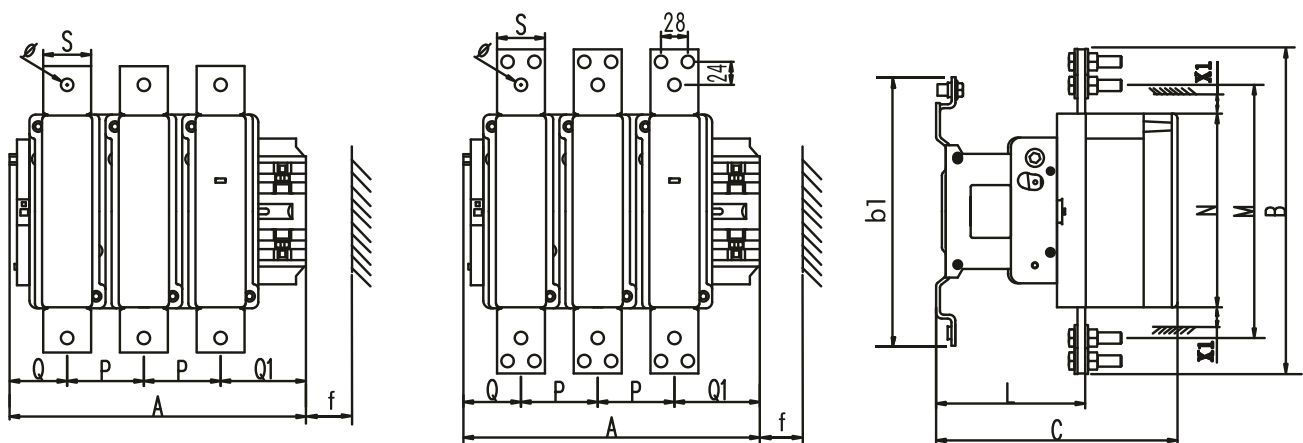
Model	Amax	Bmax	Cmax	P	S	φ	f	M	H	L	X1 (200-550V)	X1 (600-1000V)	Ga	Ha
CDC6-400	213	206	220	48	25	M10	151	151	158	145	15	20	80	170~180
CDC6-500	233	238	233	55	30	M10	169	169	172	146	15	20	80	170~180

CDC6 630A

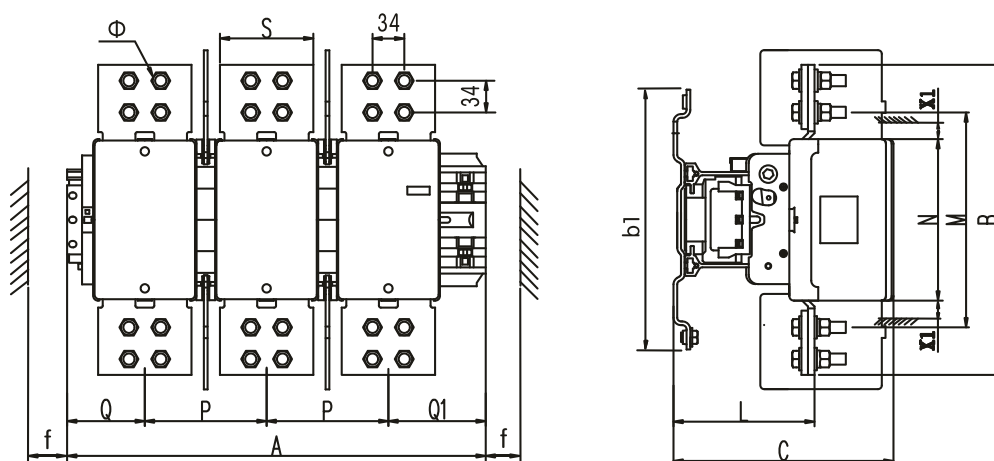


Model	Amax	Bmax	Cmax	P	S	ψ	f	M	H	L	X1	X1	Ga	Ha
											(200-550V)	(600-1000V)		
CDC6-630	309	304	256	80	40	M12	201	264	202	155	20	30	180	180~190
CDC6-800	309	304	256	80	40	M12	201	264	202	155	20	30	180	180~190

CDC6 1000~2100A



CDC6-100, 1250 outline drawing



CDC6-1450, 1700, 2100 outline drawing

Model	CDC6-1000	CDC6-1250	CDC6-1450	CDC6-1700	CDC6-2100
A	309	309	448.5		
P	80	80	130		
Q	60	60	85		
Q1	89	89	104		
S	40	50	90		
Φ	M12	M12	M12		
f	201	201	169		
B	304	338	332		
b1	280	280	280		
M	264	264	230		
N	202	202	172		
C	255	255	238		
I	155	155	145		
X1					
≤500V	20			90	
≥600V	30			100	

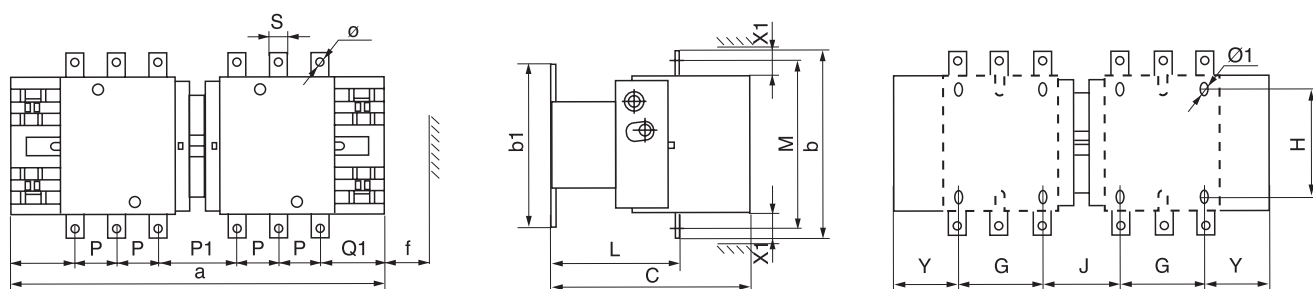
Note:

(1). f indicates the minimum distance required for removal of the coil;

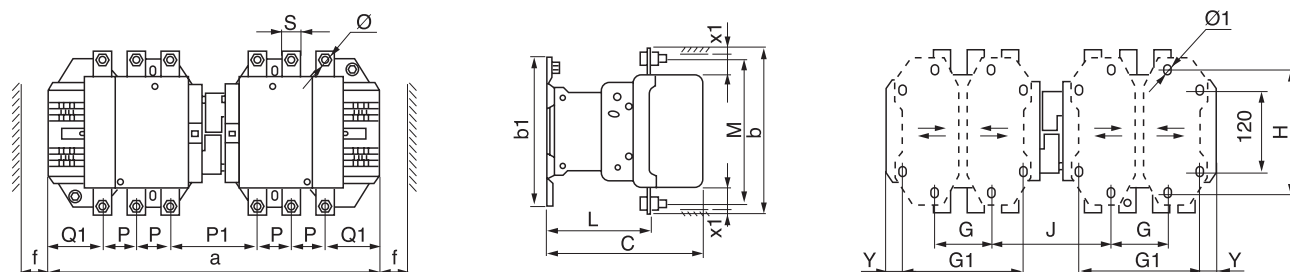
(2). X1 indicates the flashover distance determined according to the operating voltage and breaking capacity.

■ CDC6-N high current reversible AC contactor

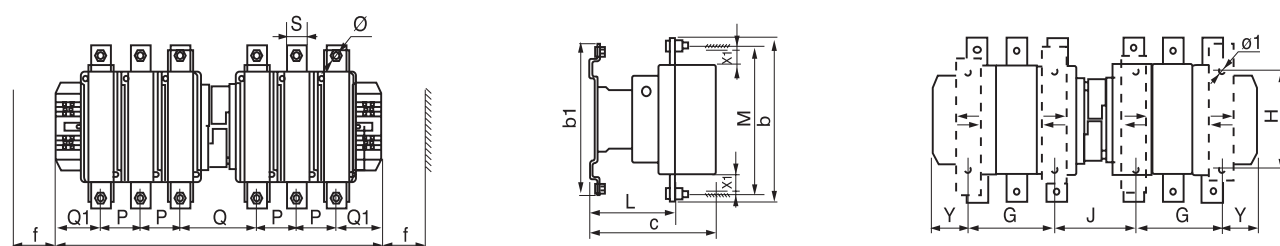
CDC6-115N~330N (Horizontal installation)



CDC6-400N~500N (Horizontal installation)



CDC6-630N~800N (Horizontal installation)

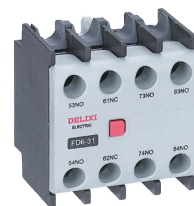


Contactor model	a	p	p1	Q1	S	φ	f	b	b1	M	c	L	G	J	H	φ1	Y
CDC6-115N	346	37	78	60	15	M6	109	162	137	147	171	107	80	72	120/106	6.5	57
CDC6-150N	346	40	72	57.5	20	M8	109	170	137	150	171	107	80	72	120/106	6.5	57
CDC6-185N	357	40	78	59.5	20	M8	117	174	137	154	181	113.5	80	78	120/106	6.5	59.5
CDC6-225N	357	48	62	51.5	25	M10	117	197	137	175	181	113.5	80	78	120/106	6.5	59.5
CDC6-265N	424	48	99	66.5	25	M10	143	203	145	178	213	141	96	109	120/106	6.5	61.5
CDC6-330N	445	48	105	74	25	M10	143	206	145	181	219	145	96	122	120/106	6.5	65.5
CDC6-400N	445	48	105	74	25	M10	151	206	209	181	219	145	80	156	170/180	8.5	64.5
CDC6-500N	485	55	111	77	30	M10	169	238	209	232	232	146	80	156	170/180	8.5	84.5
CDC6-630N	636	80	138	89	40	M12	201	304	280	264	255	155	180	139	180/190	10.5	68.5
CDC6-800N	636	80	138	89	40	M12	201	304	280	264	255	155	180	139	180/190	10.5	68.5

Accessories Model

■ Auxiliary contacts

Installation location	Number of poles	Component		Contact layout	Order code	Applied product
		NO	NC			
Top	2	0	2		FD6 02	CDC6i 06-95 CDC6 115-630 CDZ6i
		1	1		FD6 11	
		2	0		FD6 20	
	4	0	4		FD6 04	
		1	3		FD6 13	
		2	2		FD6 22	
		3	1		FD6 31	
		4	0		FD6 40	
	Side	0	2		FC6 02	
		1	1		FC6 11	
		2	0		FC6 20	



■ FT6 air delay head

Installation location	Delay type	Wiring diagram	Delay range	Order code	Applied product
Top	Power-on delay		0.1-3 s	FT6 20	CDC6i 06-95 CDC6 115-630 CDZ6i
			0.1-30 s	FT6 22	
			10-180 s	FT6 24	
	Power-off delay		0.1-3 s	FT6 30	
			0.1-30 s	FT6 32	
			10-180 s	FT6 34	



■ Mechanical interlock device

Horizontal installation

Interlock mode	Order code	Applied product
Mechanical interlock, with electrical interlock	FR6 32 H	CDC6i 09~38
	FR6 95 HS	CDC6i 40~95
Mechanical interlock, without electrical interlock	FR6 32 HX	CDC6i 09~38
	FR6 95 HXS	CDC6i 40~95



水平安装

■ FN reversible busbar

Installation method	Order code	Applied product
Installed in the incoming and outgoing lines of main circuit of the contactor; there are incoming busbar and outgoing busbar (A1 mark on the reversible busbar indicates the incoming line, and A2 indicates the outgoing line)	FN-18	CDC6i-9~18



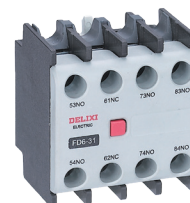
■ FS surge suppressor

Installation method	Order code	Control circuit voltage range	Applied product
Connected to the A1 and A2 terminal blocks of the contactor	FS061RC	24~48V	CDC6i-6
	FS062RC	110~240V	
	FS063RC	380~440V	
	FS181RC	24~48V	CDC6i-9~18
	FS182RC	110~240V	
	FS183RC	380~440V	
	FS381RC	24~48V	CDC6i-25~38
	FS382RC	110~240V	
	FS383RC	380~440V	
	FS651RC	24~48V	CDC6i-40~65
	FS652RC	110~240V	
	FS653RC	380~440V	
	FS951RC	24~48V	CDC6i-80~95
	FS952RC	110~240V	
	FS953RC	380~440V	



■ Auxiliary contact

Installation location	Number of poles	Component		Contact layout	Order code	Applied product
		NO	NC			
Top	2	0	2		FD6 02	CDC6 115-2100
		1	1		FD6 11	
		2	0		FD6 20	
	4	0	4		FD6 04	
		1	3		FD6 13	
		2	2		FD6 22	
		3	1		FD6 31	
		4	0		FD6 40	



■ FT6 air delay head

Installation location	Delay type	Wiring diagram	Delay range	Order code	Applied product
Top	Power-on delay		0.1-3 s	FT6 20	CDC6-115~2100
			0.1-30 s	FT6 22	
			10-180 s	FT6 24	
	Power-off delay		0.1-3 s	FT6 30	
			0.1-30 s	FT6 32	
			10-180 s	FT6 34	



■ Mechanical interlock device

Horizontal installation

Interlock mode	Contacteur model	Order code
Mechanical interlock, without electrical interlock	CDC6-115~150	FR6 FF H
	CDC6-185~225	FR6 GG H
	CDC6-265~330	FR6 HH H
	CDC6-400~500	FR6 KK H
	CDC6-630~800	FR6 LL H



Horizontal installation

Vertical installation (mechanical interlock, without electrical interlock)

Contacteur model		Interlock device model
Bottom	Top	
CDC6-115	CDC6-115	FR6 FF V
Or	CDC6-150	FR6 FF V
CDC6-150	CDC6-185	FR6 FG V
	CDC6-225	FR6 FG V
	CDC6-265	FR6 FH V
	CDC6-330	FR6 FH V
	CDC6-400	FR6 FH V
	CDC6-500	FR6 FH V
	CDC6-630	FR6 FL V
	CDC6-800	FR6 FL V
CDC6-185	CDC6-185	FR6 GG V
Or	CDC6-225	FR6 GG V
CDC6-225	CDC6-265	FR6 GK V
	CDC6-330	FR6 GK V
	CDC6-400	FR6 GK V
	CDC6-500	FR6 GK V
	CDC6-630	FR6 GL V
	CDC6-800	FR6 GL V
CDC6-265	CDC6-265	FR6 HK V
Or	CDC6-330	FR6 HK V
CDC6-330	CDC6-400	FR6 HK V
	CDC6-500	FR6 HK V
	CDC6-630	FR6 HL V
	CDC6-800	FR6 HL V
CDC6-400	CDC6-400	FR6 HK V
	CDC6-500	FR6 HK V
	CDC6-630	FR6 HL V
	CDC6-800	FR6 HL V
CDC6-500	CDC6-500	FR6 HK V
	CDC6-630	FR6 HL V
	CDC6-800	FR6 HL V
CDC6-630/800	CDC6-630	FR6 LL V
	CDC6-800	FR6 LL V



Vertical installation

Note: Vertically mounted mechanical interlock devices are not equipped with electrical interlocks

■ MC6 main contact

Number of poles	Contactor current spec.	Order code
3-pole	115A	MC6 115
	150A	MC6 150
	185A	MC6 185
	225A	MC6 225
	265A	MC6 265
	330A	MC6 330
	400A	MC6 400
	500A	MC6 500
	630A	MC6 630
	800A	MC6 800



■ Common single coil - AC 50Hz

Contactor current spec.	Freq.	Voltage	Order code	Coil power consumption		
				Pull-in VA	Hold VA	Heat dissipation W
115A/150A	AC50Hz	24V	LX1FF024DE	500~580	45~51	12~16
115A/150A	AC50Hz	110V	LX1FF110DE			
115A/150A	AC50Hz	220/230V	LX1FF220DE			
115A/150A	AC50Hz	380/400V	LX1FF380DE			
185A/225A	AC50Hz	24V	LX1FG024DE	600~805	55~65	18~24
185A/225A	AC50Hz	110V	LX1FG110DE			
185A/225A	AC50Hz	220/230V	LX1FG220DE			
185A/225A	AC50Hz	380/400V	LX1FG380DE			

Other replaceable voltage models for red part are as follows: AC24V, 36V, 48V, 110V, 127V, 220/230V, 240V, 380/400V, 415V, and 440V



■ Dual coil with low power consumption - AC 50/60Hz

* In the places where the overvoltage easily occurs, a coil surge suppressor must be provided on the coil end to avoid burns to the circuit board in the coil.

Contactor current spec.	Freq.	Voltage	Order code	Coil power consumption		
				Pull-in VA	Hold VA	Heat dissipation W
115A/150A	AC50/60Hz	24V	LX9FF024DE	690~855	6.6~8.1	5.9~7.2
115A/150A	AC50/60Hz	110V	LX9FF110DE			
115A/150A	AC50/60Hz	220/230V	LX9FF220DE			
115A/150A	AC50/60Hz	380/400V	LX9FF380DE			

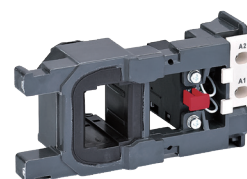
Other replaceable voltage models for red part are as follows: AC24V, 36V, 48V, 110V, 127V, 220/230V, 240V, 380/400V, 415V, 440V

185A/225A	AC50/60Hz	24V	LX9FG024DE	950~1180	8.9~10.9	8~9.8
185A/225A	AC50/60Hz	110V	LX9FG110DE			
185A/225A	AC50/60Hz	220/230V	LX9FG220DE			
185A/225A	AC50/60Hz	380/400V	LX9FG380DE			

Other replaceable voltage models for red part are as follows: AC24V, 36V, 48V, 110V, 127V, 200V, 220/230V, 240V, 380/400V, 415V, 440V

265A/330A	AC50/60Hz	220/230V	LX1FH2202DE	600~700	8~12	8
265A/330A	AC50/60Hz	380/400V	LX1FH3802DE			

Other replaceable voltage models for red part are as follows: AC24V, 36V, 48V, 110V, 127V, 220/230V, 240V, 380/400V, 415V, 440V



Contactor current spec.	Freq.	Voltage	Order code	Coil power consumption		
				Pull-in VA	Hold VA	Heat dissipation W
400A	AC50/60Hz	220/230V	LX1FJ ²²⁰ DE	1000~1150	12~18	14
400A	AC50/60Hz	380/400V	LX1FJ ³⁸⁰ DE			

Other replaceable voltage models for red part are as follows: AC36V,48V,110V,127V,220/230V,240V,380/400V,415V,440V

500A	AC50/60Hz	220/230V	LX1FK ²²⁰ DE	1000~1150	16~22	18
500A	AC50/60Hz	380/400V	LX1FK ³⁸⁰ DE			

Other replaceable voltage models for red part are as follows: AC36V,48V,110V,127V,220/230V,240V,380/400V,415V,440V

630A/800A	AC50/60Hz	220/230V	LX1FL ²²⁰ DE	1500~1730	20~25	20
630A/800A	AC50/60Hz	380/400V	LX1FL ³⁸⁰ DE			

Other replaceable voltage models for red part are as follows: AC110V,127V,220/230V,240V,380/400V,415V,440V

1000A/1250A	AC50/60Hz	220/230V	LX1FL ²²⁰ DE	1500~1730	20~25	20
1000A/1250A	AC50/60Hz	380/400V	LX1FL ³⁸⁰ DE			

Other replaceable voltage models for red part are as follows: AC48V,110V,127V,220/230V,240V,380/400V,415V,440V

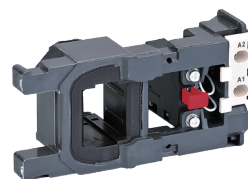
1450A/1700A/2100A	AC50/60Hz	110V	LX1FK ⁰⁵⁵ DE	1600~2400	29~37	36
1450A/1700A/2100A	AC50/60Hz	127V	LX1FK ⁰⁶⁵ DE			
1450A/1700A/2100A	AC50/60Hz	220/230V	LX1FK ¹¹⁰ DE			
1450A/1700A/2100A	AC50/60Hz	380/400V	LX1FK ²⁰⁰ DE			

* Each of 1450A/1700A/2100A contactors is equipped with 2 coils, and the sum of the voltages of two coils connected in series is the rated operating voltage of the contactor coil;

■ Dual coil with low power consumption - DC

* In the places where the overvoltage easily occurs, a coil surge suppressor must be provided on the coil end to avoid burns to the circuit board in the coil.

Contactor current spec.	Freq.	Voltage	Order code	Coil power consumption		
				Pull-in VA	Hold VA	Heat dissipation W
115A/150A	DC	24V	LX4FF024DE	543~665	3.9~4.9	
115A/150A	DC	110V	LX4FF110DE			
115A/150A	DC	220V	LX4FF220DE			
185A/225A	DC	24V	LX4FG024DE	737~902	4.1~5.1	
185A/225A	DC	48V	LX4FG048DE			
185A/225A	DC	110V	LX4FG110DE			
185A/225A	DC	220V	LX4FG220DE			
265A/330A	DC	24V	LX4FH024DE	655~803	3.6~4.6	
265A/330A	DC	48V	LX4FH048DE			
265A/330A	DC	110V	LX4FH110DE			
265A/330A	DC	220V	LX4FH220DE			
400A	DC	110V	LX4FJ110DE	920~1140	4.0~7.5	
400A	DC	220V	LX4FJ220DE			
500A	DC	48V	LX4FK048DE	990~1220	4.5~8.0	
500A	DC	110V	LX4FK110DE			
500A	DC	220V	LX4FK220DE			
630A/800A/1000A/1250A	DC	110V	LX4FL110DE	1420~1920	6.5~12.5	
630A/800A/1000A/1250A	DC	220V	LX4FL220DE			



■ Fast coil

*An external rectifier module must be provided for AC, and an external current limiting resistor must be provided for DC, otherwise it cannot work normally (this coil is installed in the machine in factory, and it must be sold separately if required).

* In the places where the overvoltage easily occurs, a coil surge suppressor must be provided on the coil end to avoid burns to the circuit board in the coil.

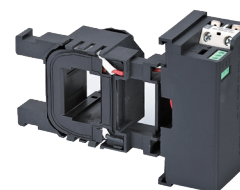


Contactor current spec.	Freq.	Voltage	Order code	Coil power consumption		
				Pull-in VA	Hold VA	Heat dissipation W
400A	AC50/60Hz	220V	LX9FJ931DE	500	23	11.4~13.9
400A	AC50/60Hz	380V	LX9FJ936DE			
400A	DC	220V	LX9FJ932DE	430	22	
500A	AC50/60Hz	110V	LX9FK925DE	550	31	15~18.3
500A	AC50/60Hz	220V	LX9FK931DE			
500A	AC50/60Hz	380V	LX9FK936DE			
500A	DC	48V	LX9FK918DE	470	29	
500A	DC	110V	LX9FK926DE			
500A	DC	220V	LX9FK932DE			
630A/800A/1000A/1250A	AC50/60Hz	48V	LX9FL917DE	830	47	22.8~27.8
630A/800A/1000A/1250A	AC50/60Hz	110V	LX9FL924DE			
630A/800A/1000A/1250A	AC50/60Hz	220V	LX9FL931DE			
630A/800A/1000A/1250A	AC50/60Hz	380V	LX9FL935DE	733	48	
630A/800A/1000A/1250A	DC	48V	LX9FL918DE			
630A/800A/1000A/1250A	DC	110V	LX9FL926DE			
630A/800A/1000A/1250A	DC	220V	LX9FL932DE			

■ Wide voltage coil

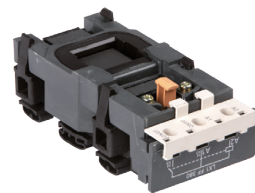
* In the places where the overvoltage easily occurs, a coil surge suppressor must be provided on the coil end to avoid burns to the circuit board in the coil.

Contactor current spec.	Freq.	Voltage	Order code	Coil power consumption		
				Pull-in VA	Hold VA	Heat dissipation W
115A/150A	AC50/60Hz, DC	48-132V	FF048DE	150~250	20	
115A/150A	AC50/60Hz, DC	100-250V	FF100DE			
185A/225A	AC50/60Hz, DC	48-132V	FG048DE	200~300	20	
185A/225A	AC50/60Hz, DC	100-250V	FG100DE			
265A/330A	AC50/60Hz, DC	48-132V	FH048DE	450~600	20	
265A/330A	AC50/60Hz, DC	100-250V	FH100DE			
400A	AC50/60Hz, DC	48-132V	FJ048DE	400~600	20	
400A	AC50/60Hz, DC	100-250V	FJ100DE			
500A	AC50/60Hz, DC	48-132V	FK048DE	500~700	20	
500A	AC50/60Hz, DC	100-250V	FK100DE			
630A/800A/1000A/1250A	AC50/60Hz, DC	48-132V	FL048DE	600~900	20	
630A/800A/1000A/1250A	AC50/60Hz, DC	100-250V	FL100DE			



■ LX1/LX9 coil (suitable for CDC6 high current contactor)

Current spec.	Coil voltage	Coil freq.	Order code
115~150A	220-230V	50Hz	LX1FF220
	380-400V	50Hz	LX1FF380
	220-230V	50/60Hz	LX9FF220
	380-400V	50/60Hz	LX9FF380
185~225A	220-230V	50Hz	LX1FG220
	380-400V	50Hz	LX1FG380
	220-230V	50/60Hz	LX9FG220
	380-400V	50/60Hz	LX9FG380
265~330A	220-230V	50/60Hz	LX1FH220
	380-400V	50/60Hz	LX1FH380
400A	220-230V	50/60Hz	LX1FJ220
	380-400V	50/60Hz	LX1FJ380
500A	220-230V	50/60Hz	LX1FK220
	380-400V	50/60Hz	LX1FK380
630A	220-230V	50/60Hz	LX1FL220
	380-400V	50/60Hz	LX1FL380



■ MC6 main contact

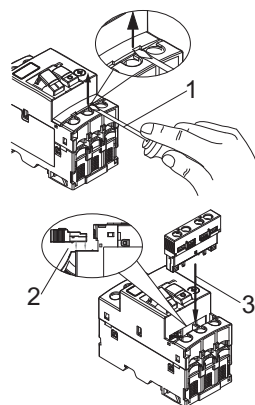
Number of poles	Contactor current spec.	Order code
3-pole	115A	MC6 115
	150A	MC6 150
	185A	MC6 185
	225A	MC6 225
	265A	MC6 265
	330A	MC6 330
	400A	MC6 400
	500A	MC6 500
	630A	MC6 630



■ Basic parameters of instantaneous auxiliary contact (adapted for CDP6)

Name	Rated insulation voltage UI	Usage category	Rated operating voltage	Rated operating current	Resistive current
Front-mounted Aux. contact	250V	AC-15	24V	2A	2.5A
			48V	1.25A	2.5A
			110V	1A	2.5A
			230V	0.5A	2.5A
		DC-13	24V	1A	2.5A
			48V	0.3A	2.5A
			110V	4.5A	6A
			230V	3.3A	6A
Side-mounted Aux. contact	690V	AC-15	48V	6A	6A
			110V	4.5A	6A
			230V	3.3A	6A
			380V	2.2A	6A
		DC-13	24V	6A	6A
			48V	5A	6A
			110V	4.5A	6A
			220V	0.5A	6A

AE11 or AE20 installation



1. Pry the top auxiliary hood shield upwards;
2. Make the flat side of the top auxiliary tightly against the circuit breaker;
3. Align the installation position and insert it down.

CDP6 Connector

Name	Order code
CDP6-18 connector	CDP6LJ18
CDP6-38 connector	CDP6LJ38



CDP6 base plate

Name	Order code
CDPDB-18 base plate	CDPDB18
CDPDB-38 base plate	CDPDB38



Name		Model	Spec.	Order code	Adapted product
Undervoltage release		AU	110-127V	AU110	CDP6
			220-240V	AU220	
			380-400V	AU380	
			415V	AU415	
Shunt release		AS	110-127V	AS110	
			220-240V	AS220	
			380-400V	AS380	
			415V	AS415	
Aux. contact	Front-mounted	AE	2NO	AE20	
			1NC+1NO	AE11	
	Side-mounted	AN	2NO	AN20	
			1NC+1NO	AN11	
Waterproof shell		CDP6-32MC	IP55	CDP632MC	

