

## NC8 系列交流接触器

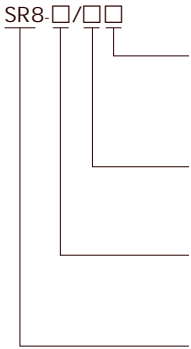
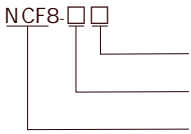
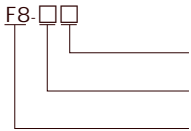
1

NC8 ( ) 50Hz( 60Hz)  
690V, AC-3/415V 500A

) 12A 8 20 3 4 (100A 4  
100A 100A

2

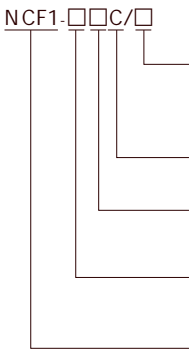
11 z 1 118 1 11  
1 9 3P NC8-06M~12M 10 01 NC8-09~38 11 22 11  
1) NC8-40~100 11 11 NC8-115-



48 24V ~ 48V AC/DC  
 250 110V ~ 250V AC/DC ( RV )  
 127V ~ 250V AC ( RC )  
 440 380V ~ 440V AC


RV  
 RC

- A NC8-06M ~ 12M
- B NC8-09 ~ 38
- C NC8-40 ~ 100



- A
- B NC8-205 ~ 500

规格	06M		09M		12M		09		12		18		25		32		38		40		50		65		
NC8																									
AC	NC8-06M	NC8-09M	NC8-12M	NC8-09	NC8-12	NC8-18	NC8-25	NC8-32	NC8-38	NC8-40	NC8-50	NC8-65													
DC	NC8-06M/Z	NC8-09M/Z	NC8-12M/Z	NC8-09/Z	NC8-12/Z	NC8-18/Z	NC8-25/Z	NC8-32/Z	NC8-38/Z	NC8-40/Z	NC8-50/Z	NC8-65/Z													
/IEC/EN60947-4-1	kW	A	kW	A	kW	A	kW	A	kW	A	kW	A	kW	A	kW	A	kW	A	kW	A	kW	A	kW	A	
AC-1		20		20		20		25		25		32		40		50		50		60		80		80	
AC-3	220V/230V/240V	1.5	6	2.2	9	4	12	2.2	9	3	12	4	18	5.5	25	7.5	32	9	38	11	40	15	50	18.5	65
	380V/400V	2.2	6	4	9	5.5	12	4	9	5.5	12	7.5	18	11	25	15	32	18.5	38	18.5	40	22	50	30	65
	415V	2.2	6	4	9	5.5	12	4	9	5.5	12	9	18	11	25	15	32	18.5	38	22	40	25	50	37	65
	660V/690V	3	3.8	4	4.9	4	4.9	5.5	6.7	7.5	9	9	10.6	15	17.3	18.5	21.9	18.5	21.9	30	34	33	39	37	42
/UL508	hp	A	hp	A	hp	A	hp	A	hp	A	hp	A	hp	A	hp	A	hp	A	hp	A	hp	A	hp	A	
		20		20		20		25		25		32		40		50		50		60		80		80	
110/120V	0.3		0.5		0.75		0.5		0.75		1		1.5		2		2		3		5		5		
230/240V	0.75		1.5		2		1		2		3		3		5		5		5		7.5		10		
200/208V	1.5		3		3		3		3		5		7.5		10		10		10		15		20		
230/240V	1.5		3		3		3		3		5		7.5		10		10		10		15		20		
460/480V	3		5		7.5		5		7.5		10		15		20		20		30		40		50		
575/600V	3		5		10		7.5		10		15		20		25		25		30		40		50		
	F8		2P/4P		F4		F5		NCF8		NCF1														
	( NC8-06M-12M)		( NC8-09-500)		( NC8-09-500)		( NC8-09-100)		( NC8-115-500)																
	(A) 0.1-0.16 1.6-2.5 0.16-0.25 2.5-4 0.25-0.4 4-6 0.4-0.63 5.5-8 0.63-1 7-10 1-1.6 9-13						(A) 0.1-0.16 1.6-2.5 9-13 0.16-0.25 2.5-4 12-18 0.25-0.4 4-6 16-24 0.4-0.63 5.5-8 23-32 0.63-1 7-10 30-38 1-1.6						(A) 23-32 30-40 37-50 48-65 55-70 63-80 80-93												
NR8																			(A) 65 100						
	SR8-A/RV48 24V-48V AC/DC SR8-A/RV250 110V-250V AC/DC SR8-A/RV440 380V-440V AC/DC						SR8-B/RC250 127V-250V AC SR8-B/RC440 380V-440V AC SR8-B/RV48 24V-48V AC/DC SR8-B/RV250 110V-250V AC/DC SR8-B/RV440 380V-440V AC						SR8-C/RC250 127V-250V AC SR8-C/RC440 380V-440V AC SR8-C/RV48 24V-48V AC/DC SR8-C/RV250 110V-250V AC/DC SR8-C/RC440 380V-440V AC												
	SR8-A						SR8-B						SR8-C												

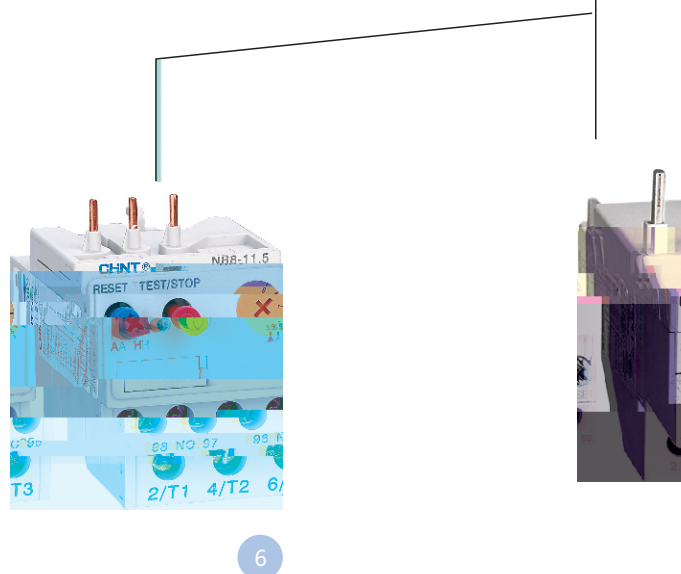
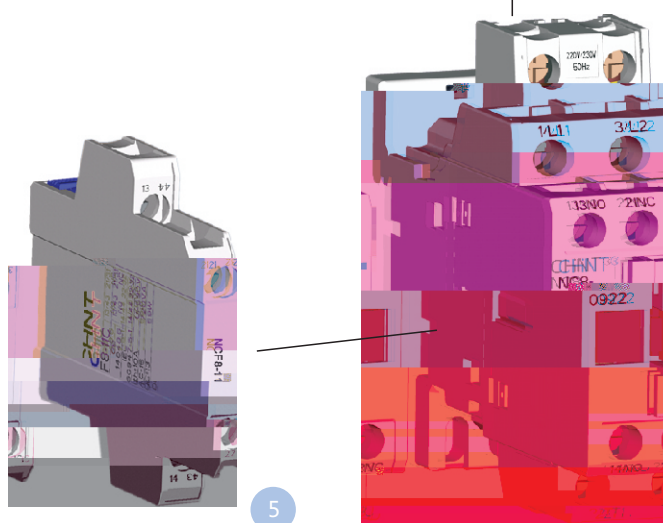
		170				205		
								
NC8-100	NC8-115	NC8-150	NC8-170	NC8-205				
	NC8-115	NC8-150	NC8-170					
A	kW	A	kW	A	kW	A		
		200		200		275		
	37	115	45	150	55	170		
	55	115	75	150	90	170		
		115	80	150	100	170		
		86	100	107	110	118		
			hp	A	hp	A		
				200		275		
					15			
					30			
					60			
					60			
					100			



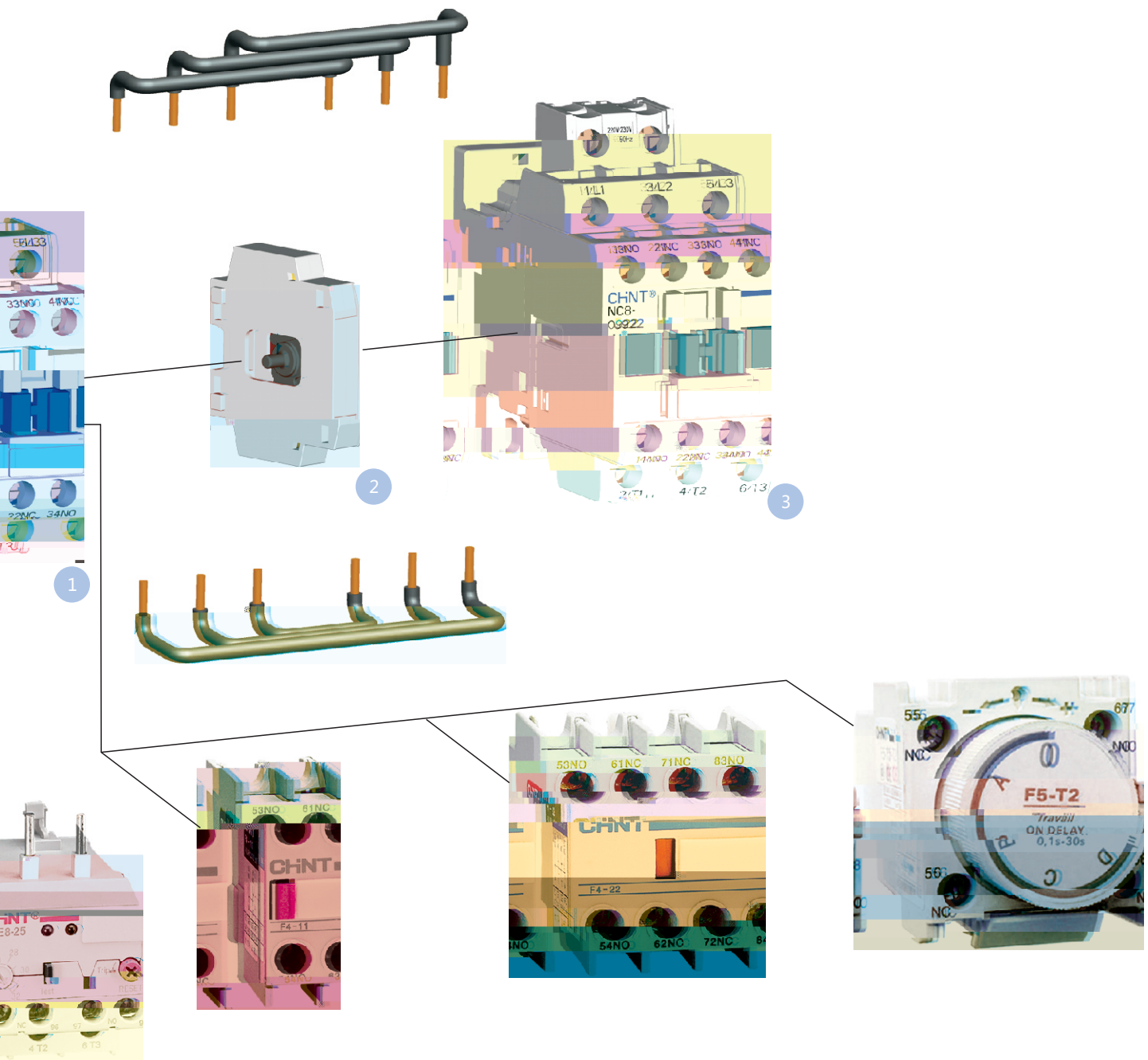
(A)  
125  
100-160  
25-200

## NC8 系列交流接触器

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# 控制电器



4

4.1

<b>产品安装过电压类别</b>	<b>III</b>											
	3											
	GB/T 14048.1 GB/T 14048.4 IEC/EN 60947-1 IEC/EN 60947-4-1											
	CCC UL CE KEMA											
	IP20(NC8-06M~65) IP10(NC8-80~170)											
	-5 ~+40 24 +35											
	-25 ~+55 (24h) +70											
(m)	2000 2000											
	+40 50% 20 90%											
	±5°											

4.2

接触器型号		NC8-06M	NC8-09M	NC8-12M	NC8-09	NC8-12	NC8-18	NC8-25	NC8-32	NC8-38	NC8-40	NC8-50	
(A)		20	20	20	25	25	32	40	50	50	60	80	
(V)		690											
(kV)		6										8	
		10xle(AC-3) 12xle(AC-4)											
		8xle(AC-3) 10xle(AC-4)											
(A)	10s	48	72	96	72	96	144	200	256	304	320	400	
(A)	220V/230V 240V	AC-3	6	9	12	9	12	18	25	32	38	40	50
		AC-4	6	9	$\frac{12}{9}$	9	12	18	25	32	$\frac{38}{32}$	40	50
	380V/400V	AC-3	6	9	$\frac{12}{9}$	9	12	18	25	32	$\frac{38}{32}$	40	50
		AC-4	6	9	$\frac{12}{9}$	9	12	18	25	32	$\frac{38}{32}$	40	50
	415V	AC-3	6	9	$\frac{12}{9}$	9	12	18	25	32	$\frac{38}{32}$	40	50
		AC-4	6	9	$\frac{12}{9}$	9	12	18	25	32	$\frac{38}{32}$	40	50
	660V/690V	AC-3	3.8	4.9	4.9	6.7	9	10.6	17.3	21.9	21.9	34	39
		AC-4	3.8	4.9	4.9	6.7	9	9	14	17.3	17.3	34	39
AC-3 (kW)	220V/230V/240V	1.5	2.2	3	2.2	3	4	5.5	7.5	9	11	15	
	380V/400V	2.2	4	5.5	4	5.5	7.5	11	15	18.5	18.5	22	
	415V	2.2	4	5.5	4	5.5	9	11	15	18.5	22	25	
	660V/690V	3	4	4	5.5	7.5	9	15	18.5	18.5	30	33	
1PH (HP)	110/120V	0.3	0.5	0.75	0.5	0.75	1	1.5	2	2	3	5	
	230/240V	0.75	1.5	2	1	2	3	3	5	5	5	7.5	
3PH (HP)	200/208V	1.5	3	3	3	3	5	7.5	10	10	10	15	
	230/240V	1.5	3	3	3	3	5	7.5	10	10	10	15	
	460/480V	3	5	7.5	5	7.5	10	15	20	20	30	40	
	575/600V	3	5	10	7.5	10	15	20	25	25	30	40	
(415V /h)	AC-3	1200											
	AC-4	300										120	
(415V )	AC-3	120											
	AC-4												
( )		1000											
		3 4 2 2									3 4		
SCPD		RT16-20	RT16-20	RT16-20	RT16-20	RT16-25	RT16-32	RT16-50	RT16-63	RT16-63	RT16-63	RT16-80	
		NR8-11.5				NR8-38					NR2-93		
		0.1-0.16 0.63-1 4-6				0.1-0.16 0.63-1 4-6 12-18					23-32 55-70		
		0.16-0.25 1-1.6 5.5-8				0.16-0.25 1-1.6 5.5-8 16-24					30-40 63-80		
		0.25-0.4 1.6-2.5 7-10				0.25-0.4 1.6-2.5 7-10 23-32					37-50 80-93		
		0.4-0.63 2.5-4 9-13				0.4-0.63 2.5-4 9-13 30-38					48-65		
		1				1 1					1 1		
3P		1				2 2							
4P													

C

N

N

48

14

4.3

接线电路	接触器型号		NC8-06M	NC8-09M	NC8-12M	NC8-09	NC8-12	NC8-18	NC8-25	NC8-32	NC8-38	
	(mm <sup>2</sup> )	1	1-2.5			1-4		1.5-6	2.5-10		2.5-10	
		2	1-1.5			1-2.5		1-4	2.5-6		2.5-6	
		1	1-2.5			1-4		1.5-6	2.5-10		2.5-10	
		2	1-2.5			1-4		1-4	2.5-10		2.5-10	
	(N.m)			M3			M3.5		M4			
	(N.m)			0.8			1.2		2			
	(mm <sup>2</sup> )	1	1	1-2.5			1-4					
			2	1-1.5			1-2.5					
1		1	1-2.5			1-4						
		2	1-2.5			1-4						
(N.m)			M3			M3.5						
(N.m)			0.8			1.2						

4.4

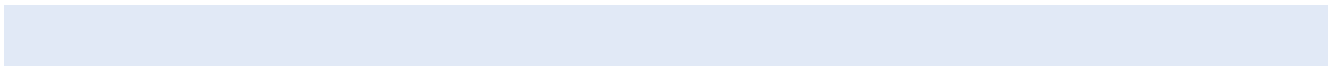
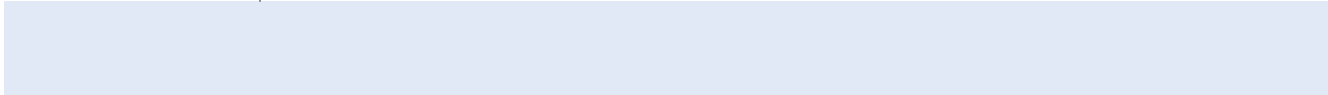
接触器型号	NC8-06M	NC8-09M	NC8-12M	NC8-09	NC8-12	NC8-18	NC8-25	NC8-32	NC8-38
50Hz,60Hz,50Hz/60Hz	24 36 48 110 127 220 230 240 380 400 415								
(V)	24 48 110 125 220 250								
( )	(85% - 110%)Us +40								
( )	(20% - 75%)Us			(10% - 75%)Us -5					
(VA)	25-40			50-70					
(W)	2-7			6-10					
(W)	1-4			2-4					
(ms)	10-18			12-25					
(ms)	4-16			5-20					

NC8-40	NC8-50	NC8-65	NC8-80	NC8-100	NC8-115	NC8-150	NC8-170	NC8-205	NC8-265	NC8-300	NC8-400	NC8-500
	10-2.5		16-50			10-95				-		
	4-16		10-35			10-50				-		
	-		-			10-95				50-240		
	-		-			10-50				50-240		
	M8					M10				M10		
	6					10				14		
	1-4					1-4				1-4		
	1-2.5					1-2.5				1-2.5		
	1-4					1-4				1-4		
	1-4					1-4				1-4		
	M3.5					M3.5				M3.5		
	1.2					0.8				1.2		

NC8-40	NC8-50	NC8-65	NC8-80	NC8-100	NC8-115/W	NC8-150/W	NC8-170/W	NC8-115	NC8-150	NC8-170	NC8-205	NC8-265	NC8-300	NC8-400	NC8-500
24 36 48	110 127 220 230 240 380 400 415														
	24 48 110 220					100-250					110-127 220-240 380-415				
	(85%~110%)Us +40					85%~110% Us +40					(85%~110%)Us +40				
	(20%~75%)Us	(10%~75%)Us -5				10%~75% Us -5					(10%~75%)Us -5				
	160-210	190-250				300			600-700		300-600		500-800		
	13-25	17-30				10			6-10		6-11		7-12		
	4-7	5-8				5-9			5-9		5-10		6-11		
											5-10		6-11		
	15-25	15-30				130-140			15-30		30-95		45-100		
	6-15	8-17				110-120			40-50		40-80		60-100		

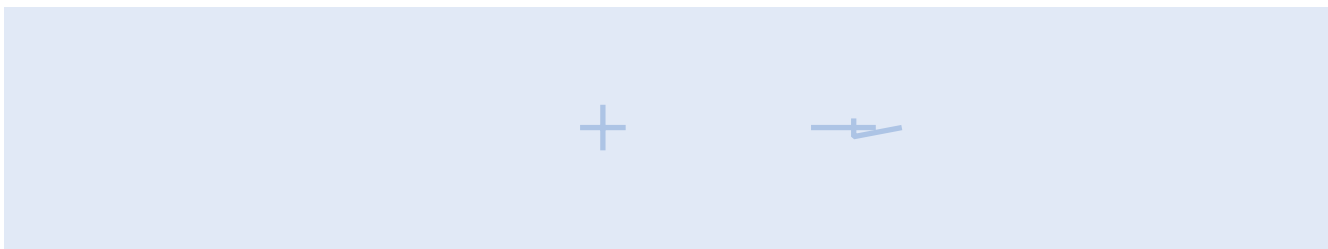
4.5

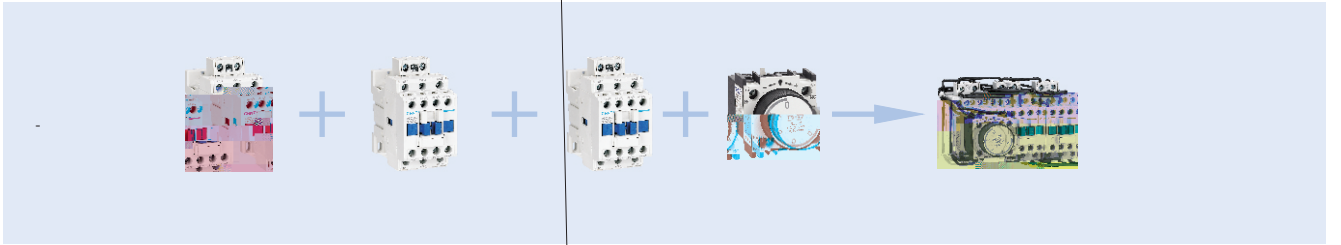
		NCF1-11C
NCF1	NC8-115-500	1
		1



5

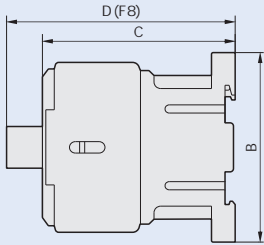
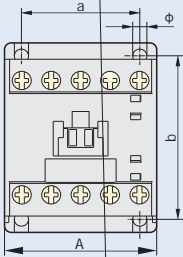
名称	型号	接触器本体	辅助模块
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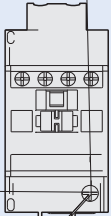


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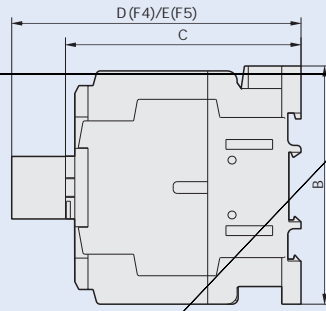
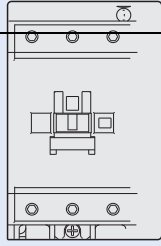
1 NC8-06M(Z)-12M(Z)



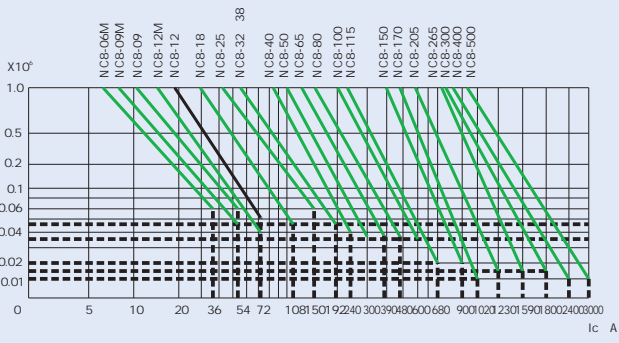
2 NC8-09(Z)-38(Z)



4 NC8-40(Z)-100(Z)







P=11kW Ue= 380V Ie= 22.6A

AC-3 100  
NC8-25

7.2

7.2.1 GB 14048.1-2006

2000m

7.2.2 2000m

7.2.3 2000m

海拔高度(m)	2000	3000	4000
	1	0.88	0.78
	1	0.92	0.9

7.3

7.3.1 GB 14048.1-2006

7.3.2 + 40

-5

7.3.3 + 40

环境温度(°C)	40	50	60	70
	1	0.875	0.75	0.625

7.4

7.4.1

Cl<sub>2</sub>  
NO<sub>2</sub>  
H<sub>2</sub>S  
SO<sub>2</sub>

7.4.2

7.4.3

SO<sub>2</sub> H<sub>2</sub>S

7 H<sub>2</sub>S NO<sub>2</sub>

20

7.4.4

( )

5 6

0.6( 0.8)

7.5

7.5.1

并联极数	2	3	4
	1.6	2.25	2.8

7.6

产品规格			06M、09M、12M	09、12	18	25	32、38	40	50、65	80、100
(220V/240V)										
W	A	μF								
60	0.27		35	59	77	92	129	163	207	296
75	0.34		28	47	61	73	103	129	164	235
100	0.45		21	35	46	55	77	97	124	177
150	0.68		14	23	30	36	51	64	82	117
200	0.91		10	17	23	27	38	48	62	88
300	1.40		6	11	15	18	25	31	40	57
500	2.30		4	7	8	11	15	19	24	34
750	3.40		2	4	6	7	10	13	16	23
1000	4.60		2	3	4	5	7	9	12	17
( )										
20	0.39		24	41	53	66	89	112	143	205
40	0.45		21	35	46	57	77	97	124	177
65	0.70		12	22	30	37	50	62	80	114
80	0.80		12	20	26	32	43	55	70	100
110	1.15		8	12	15	20	26	35	46	66
( )										
20	0.18	5	83	94	105	155	215	233	335	530
40	0.26	5	58	65	75	107	150	160	230	365
65	0.42	7	35	40	45	66	92	100	142	225
80	0.52	7	28	32	36	53	74	80	115	180
100	0.6	16	23	26	29	43	59	64	92	145
110	0.70	18	21	24	27	40	55	59	85	135

产品规格			06M、09M、12M	09、12	18	25	32、38	40	50、65	80、100
(220V/240V)										
W	A	μF								
( )										
2×20	2×0.22		21	36	46	58	78	100	126	180
2×40	2×0.41		11	18	24	30	42	52	68	96
2×65	2×0.67		7	10	14	18	26	32	40	58
2×80	2×0.82		5	8	12	14	20	26	34	48
2×110	2×1.10		4	6	8	10	14	18	24	36
( )										
2×20	2×0.13		36	60	80	100	134	168	214	306
2×40	2×0.24		20	32	42	54	72	90	116	166
2×65	2×0.39		12	20	26	32	44	56	70	102
2×80	2×0.48		10	16	20	26	36	44	58	82
2×110	2×0.65		7	12	16	20	26	32	42	60
( )										
20	0.43		22	37	48	60	97	102	130	186
40	0.55		17	29	38	47	63	80	101	145
65	0.80		12	20	26	32	43	55	70	100
80	0.95		10	16	22	27	36	46	58	84
110	0.40		6	11	15	18	25	31	40	57
( )										
20	0.19	5	50	84	110	136	184	231	294	421
40	0.29	5	33	55	72	89	101	151	193	275
65	0.46	7	20	34	45	56	76	95	121	173
80	0.57	7	16	28	36	45	61	77	98	140
110	0.79	16		20	26	32	44	55	70	101
( )										
2×20	2×0.25		19	32	42	52	70	88	112	160
2×40	2×0.47		10	16	22	26	36	46	58	84
2×65	2×0.76		6	10	12	16	22	28	36	52
2×80	2×0.93		5	8	10	12	18	22	30	42
2×110	2×1.30		3	6	8	10	12	16	20	30
( )										
2×20	2×0.15		34	56	74	92	124	156	200	234
2×40	2×0.26		18	30	40	50	66	84	106	152
2×65	2×0.43		11	18	24	30	40	50	64	92
2×80	2×0.53		9	14	18	24	32	40	52	74
2×110	2×0.72		6	10	14	18	24	30	38	54
( )										
35	1.2		6	10	12	15	21	27	35	50
55	1.6		5	7	9	11	16	20	26	37
90	2.4		3	5	6	7	10	13	17	25
135	3.1		2	3	4	6	8	10	13	19
150	3.2		2	3	4	5	8	10	13	18
180	3.3		2	3	4	5	7	10	12	18
200	3.4		2	3	4	5	7	9	12	17

产品规格	06M、09M、12M		09、12	18	25	32、38	40	50、65	80、100
(220V/240V)									
W	A	μF							
( )									
35	0.3	17	40	50	63	86	110	140	200
55	0.4	17	30	37	47	65	82	105	150
90	0.6	25		25	31	43	55	70	100
135	0.9	36			21	28	36	46	66
150	1.0	36			19	26	33	42	60
180	1.2	36			15	21	27	35	50
200	1.3	36			14	20	25	32	46
( )									
150	1.9	4	6	7	10	13	17	22	31
250	3.2	2	3	4	5	8	10	13	18
400	5.0	1	2	3	3	5	6	8	12
700	8.8			2	2	2	3	4	6
1000	12.4			1	1	2	2	3	4
( )									
150	0.84	20		17	22	30	39	50	71
250	1.4	32			13	18	23	30	42
400	2.2	48			8	11	15	19	27
700	3.6	96				6	8	10	15
1000	5.5	120					6	7	10
( )									
50	0.54	14	22	27	35	48	64	77	111
80	0.81	9	14	18	23	32	40	51	74
125	1.20	6	9	12	15	21	27	34	49
250	2.30	3	5	6	8	11	14	17	26
400	4.10	1	2	3	4	6	8	10	14
700	6.80		1	2	2	3	4	6	8
1000	9.90		1	1	1	2	3	4	6
( )									
50	0.30	10	40	50	63	86	110	140	200
80	0.45	10	26	33	42	57	73	93	133
125	0.67	10	17	22	28	38	49	62	89
250	1.3	18	9	11	14	20	25	32	46
400	2.3	25		6	8	11	14	18	26
700	3.8	40			5	6	8	11	15
1000	5.5	60			3	4	6	7	10

## 8

### 8.1

#### 8.1.1

#### 8.1.2

#### 8.1.3

### 8.2

NC8-1822

220V 50Hz 10