



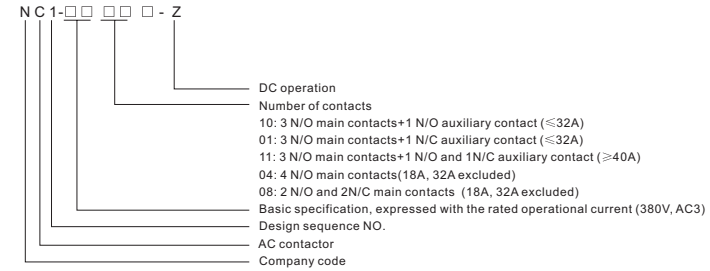
NC1 Contactor

1. General

- 1.1 Certificates: CB, UL, PCT, RCC, VDE, UKRTEST, ESC;
- 1.2 Electric ratings: AC50/60Hz, 660V, up to 95A;
- 1.3 Application: remote making & breaking circuits; protect circuit from over-load assembling with thermal over-load relay; frequent start-up and control of AC contactor;
- 1.4 Utilization category: AC-3, AC-4;
- 1.5 Altitude: ≤2000m;
- 1.6 Ambient temperature: -5℃~+40℃;
- 1.7 Mounting category: III;
- 1.8 Mounting conditions: inclination between the mounting plane and the vertical plane not exceed ±5° ;
- 1.9 Standard: IEC 60947-4-1.



2. Type Designation










3. Technical Data

- 3.1 AC operation
- ★ AC coil operation

Items	Model	NC1-09	NC1-12	NC1-18	NC1-25	NC1-32	NC1-40	NC1-50	NC1-65	NC1-80	NC1-95	
Rated conventional heating current (A) AC-1		20	20	32	40	50	60	80	80	95	95	
Rated operational current (A)	380/400V	AC-3	9	12	18	25	32	40	65	80	95	
		AC-4	3.5	5	7.7	8.5	12	18.5	24	28	37	44
	660/690V	AC-3	6.6	8.9	12	18	21	34	39	42	49	49
		AC-4	1.5	2	3.8	4.4	7.5	9	12	14	17.3	21.3
Rated insulation voltage (V)		660	660	660	660	660	660	660	660	660	660	
Power of controlled 3-phase cage motor (AC-3)	KW	220/230V	2.2	3	4	5.5	7.5	11	18.5	30	37	45
		380/400V	4	5.5	7.5	11	15	22	30	37	45	
		660/690V	5.5	7.5	10	15	18.5	30	37	45	45	
	HP	200VAC	3	5	7.5	7.5	10	15	15	20	25	30
		240VAC	3	5	7.5	10	15	20	20	25	30	30
		460VAC	5	7.5	10	15	20	25	30	40	40	50
600VAC	5	7.5	10	15	20	25	30	40	40	50		
	20	25	30	40	50							
Operating frequency (operations/h)	Electric life	AC-3	1200	1200	1200	1200	600	600	600	600	600	
		AC-4	300	300	300	300	300	300	300	300	300	
	Mechanical life	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600	
Electric life (×10 ³ operations)	AC-3	1000	1000	1000	1000	800	800	600	600	600	600	
	AC-4	200	200	200	200	200	150	150	150	100	100	
Mechanical life (×10 ³ operations)		10	10	10	10	8	8	8	8	6	6	
Matched fuse type		RT16-20	RT16-20	RT16-32	RT16-40	RT16-50	RT16-63	RT16-80	RT16-80	RT16-100	RT16-125	

3.2 DC operation
 ★ DC coil operation

Items		Model	NC1-09Z	NC1-12Z	NC1-18Z	NC1-25Z	NC1-32Z	NC1-40Z	NC1-50Z	NC1-65Z	NC1-80Z	NC1-95Z
												
Rated conventional heating current (A) AC-1			20	20	32	40	50	60	80	80	95	95
Rated operational current (A)	380/400V	AC-3	9	12	18	25	32	40	50	65	80	95
		AC-4	3.5	5	7.7	8.5	12	18.5	24	28	37	44
	660/690V	AC-3	6.6	8.9	12	18	21	34	39	42	49	49
		AC-4	1.5	2	3.8	4.4	7.5	9	12	14	17.3	21.3
Conventional heating current (A)			20	20	32	40	50	60	80	80	95	95
Rated insulation voltage (V)			660	660	660	660	660	660	660	660	660	660
Power of controlled 3-phase cage motor (AC-3)	kW	220/230V	2.2	3	4	5.5	7.5	11	15	18.5	22	25
		380/400V	4	5.5	7.5	11	15	18.5	22	30	37	45
		660/690V	5.5	7.5	10	15	18.5	30	37	37	45	45
Operating frequency (operations/h)	Electric life	AC-3	1200	1200	1200	1200	600	600	600	600	600	600
		AC-4	300	300	300	300	300	300	300	300	300	300
	Mechanical life	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600
Electric life ($\times 10^3$ operations)	AC-3	1000	1000	1000	1000	800	800	600	600	600	600	600
	AC-4	200	200	200	200	200	150	150	150	150	100	100
Mechanical life ($\times 10^6$ operations)			10	10	10	10	8	8	6	6	6	6
Matched fuse type			RT16-20	RT16-20	RT16-32	RT16-40	RT16-50	RT16-63	RT16-80	RT16-80	RT16-100	RT16-125

4. Accessories

4.1 Accessories

Items	Model	NC1-09(Z)	NC1-12(Z)	NC1-18(Z)	NC1-25(Z)	NC1-32(Z)	NC1-40(Z)	NC1-50(Z)	NC1-65(Z)	NC1-80(Z)	NC1-95(Z)	
AC coil	Coil power	Start-up (VA)	70	70	70	110	110	200	200	200	200	
		Holding (VA)	8	8	8	11	11	20	20	20	20	
		Power (W)	1.8~2.7	1.8~2.7	1.8~2.7	3~4	3~4	6~10	6~10	6~10	6~10	
	Operation range	Pick-up voltage	(85%~110%) Us					(85%~110%) Us				
Drop-out voltage		(20%~75%) Us					(20%~75%) Us					
Coil voltage(50Hz,60Hz, 50/60Hz)(V)		24,36,48,110,127,220,240,380,415,440,480,500,600,660					24,36,48,110,127,220,240,380,415,440,480,500,600					
DC coil	Coil power	9	9	11	11	11	20	20	20	20	20	
	Operation range	Pick up voltage	(85%~110%) Us					(85%~110%) Us				
		drop-out voltage	(10%~75%) Us					(10%~75%) Us				
Coil voltage (V)		24,36,48,110,220										

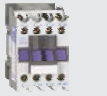















F4 auxiliary contact		Model	Number of contacts		Picture
			Number of N/O contact	Number of N/C contact	
		F4-20	2	0	
		F4-11	1	1	
		F4-02	0	2	
		F4-40	4	0	
		F4-31	3	1	
		F4-22	2	2	
		F4-13	1	3	
		F4-04	0	4	

F5 auxiliary contact		Model	Time-delay range	Number of time-delay contacts	Picture
			F5-T0	0.1s~3s	
	F5-T2	0.1s~30s	NO+NC		
	F5-T4	10s~180s	NO+NC		
	F5-D0	0.1s~3s	NO+NC		
	F5-D2	0.1s~30s	NO+NC		
	F5-D4	10s~180s	NO+NC		

NCF1-11C

Lateral side
1 N/C contact
1 N/O contact
Design sequence Number
Auxiliary contact assembly
Contactor
Company code


4.2 Derived products when the contactor is assembled with following accessory module

Derived products	Contactor	Accessorial modular	Picture	
Time-delay contactor		+  Air-time-delay block		
Reversing contactor		+  Mechanical interlock		
Magnetic starter		+  Thermal relay		
AC contactor for capacitor switching		+  Current-limiting contact assembly		
Star-delta starter		+  Air time module	+  Auxiliary contact assembly	

4.3 Assembly with relay
Assembly with thermal over-load relay

Model of contactor	Assembled thermal over-load relay			
	Model	Rated current (A)	Recommended fuse type	
			aM	gG
NC1-09 NC1-12 NC1-18	 NR2-11.5	0.1-0.16	0.25	2
		0.16-0.25	0.5	2
		0.25-0.4	1	2
		0.4-0.63	1	2
		0.63-1	2	4
		1-1.6	2	4
NC1-09 NC1-12 NC1-18	 NR2-11.5	1.25-2	4	6
		1.6-2.5	4	6
		2.5-4	6	10
		4-6	8	16
		5.5-8	12	20
		7-10	12	20
NC1-09 NC1-12 NC1-18 NC1-25 NC1-32	 NR2-25	9-13	16	25
		0.1-0.16	0.25	2
		0.16-0.25	0.5	2
		0.25-0.4	1	2
		0.4-0.63	1	2
		0.63-1	2	4
		1-1.6	2	4
		1.25-2	4	6
		1.6-2.5	4	6
		2.5-4	6	10
		4-6	8	16
		5.5-8	12	20
		7-10	12	20
		9-13	16	25
12-18	20	35		
17-25	25	50		
NC1-32	 NR2-36	23-32	40	63
		28-36	40	80
NC1-40 NC1-50 NC1-65 NC1-80 NC1-95	 NR2-93	23-32	40	63
		30-40	40	100
		37-50	63	100
		48-65	63	100
		55-70	80	125
		63-80	80	125
80-93	100	160		

4.4 Assembly with electronic over-load relay

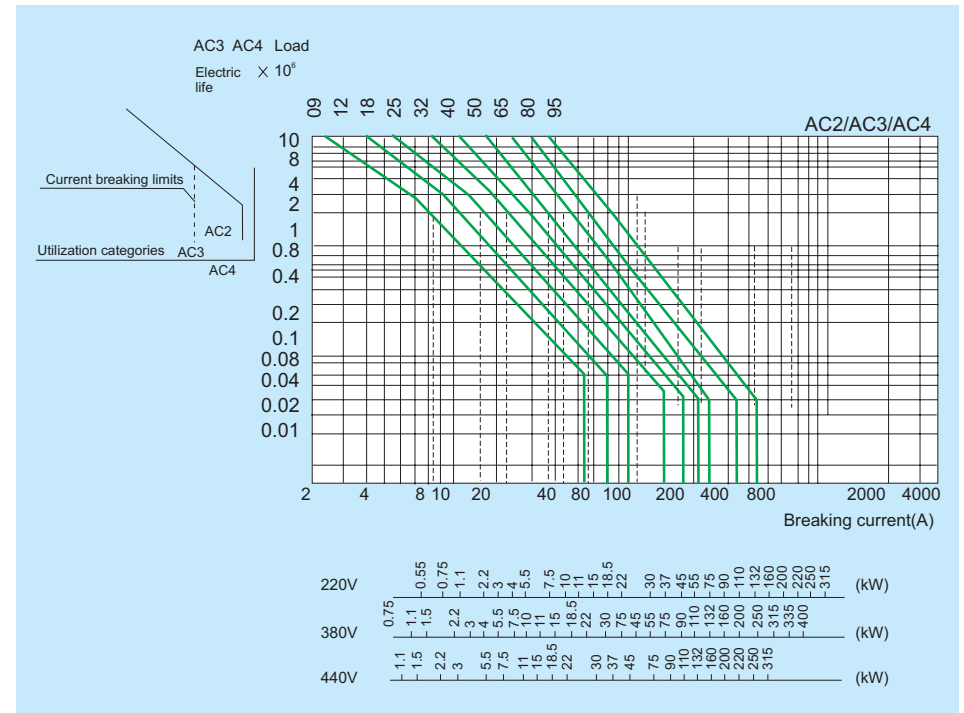
Model of contactor	Model	Rated	Range of setting	Recommended
		Assembled thermal current (A)	over-load relay current (A)	fuse type
NC1-09		1.2	0.6~1.2	RT36-4 (NT00-4)
		2.4	1.2~2.4	RT36-6 (NT00-6)
		4	2~4	RT36-10 (NT00-10)
		8	4~8	RT36-16 (NT00-16)
		10	5~10	RT36-20 (NT00-20)
NC1-12	NRE8-25	12	7~12	RT36-25 (NT00-25)
NC1-18		20	10~20	RT36-40 (NT00-40)
NC1-25		25	20~25	RT36-50 (NT00-50)
NC1-32	NRE8-40	32	22~32	RT36-80 (NT00-80)
NC1-40		4	2~4	RT36-10 (NT00-10)
		8	4~8	RT36-16 (NT00-16)
		10	5~10	RT36-20 (NT00-20)
NC1-40	NRE8-40	20	10~20	RT36-40 (NT00-40)
		40	20~40	RT36-80 (NT00-80)
NC1-40	NRE8-100	65	30~65	RT36-160 (NT00-160)
NC1-50				
NC1-65				
NC1-80				
NC1-95	NRE8-100	100	50~100	RT36-200 (NT1-200)
NC1-95				

5. Technical Information

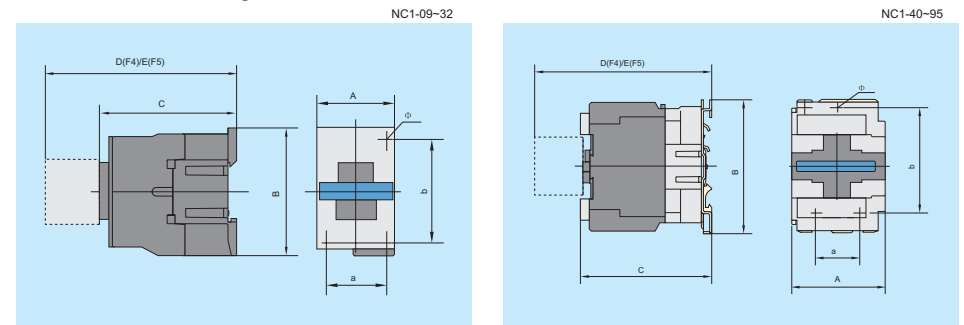
5.1 Terminal connection

Model	Cabling				Screw size	Tightening torque (N · M)
	Number of piece	Flexible cable with cold-pressed socket	Flexible cable without cold-pressed socket	Inflexible cable		
NC1-09	1~2	2.5	4	4	M3.5	0.8
NC1-12	1~2	2.5	4	4	M3.5	0.8
NC1-18	1~2	4	6	6	M3.5	0.8
NC1-25	1	4	10	6	M4	1.2
	2	4	6	6	M4	1.2
NC1-32	1	4	10	6	M4	1.2
	2	4	6	6	M4	1.2
NC1-40	1	10	16	10	M4	1.2
	2	10	10	10	M8	3.5
NC1-50	1	16	25	25	M8	3.5
	2	16	16	-	M8	3.5
NC1-65	1	16	25	25	M8	3.5
	2	16	16	-	M8	3.5
NC1-80	1	50	50	50	M8	3.5
	2	25	35	-	M10	4.0
NC1-95	1	50	50	50	M10	4.0
	2	25	35	-	M10	4.0

5.2 Curves



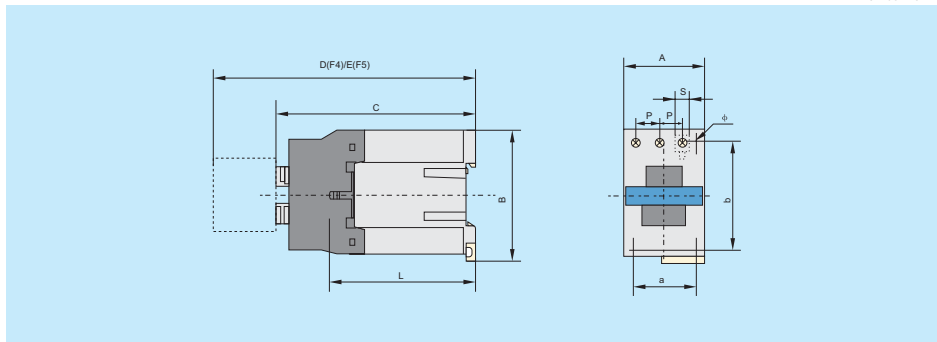
6. Overall and Mounting Dimensions



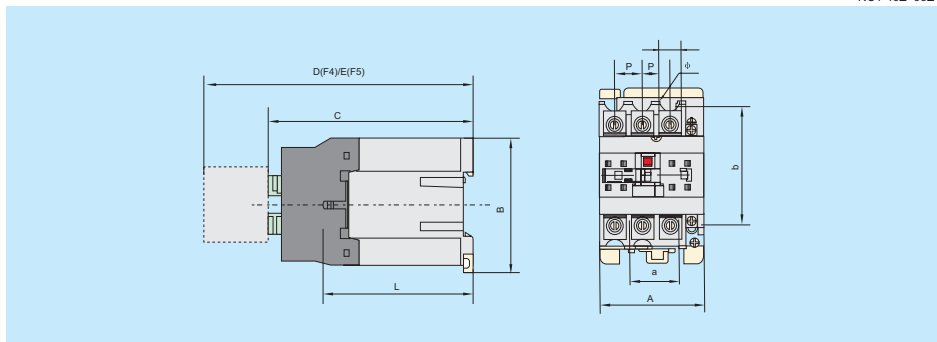


NC1-N, AC Contactor, Reversing & change-over Type

NC1-09Z-32Z



NC1-40Z-95Z



Note:

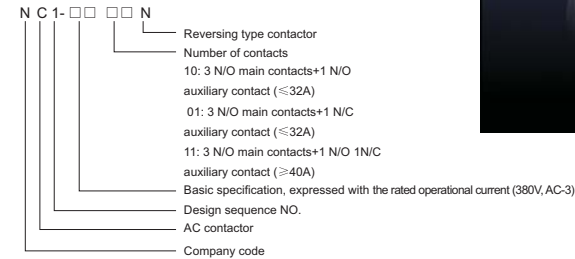
1. L: in main circuit, the distance connecting busbar to the ground;
2. P: in main circuit, the distance between two phases;
3. S: in main circuit, the distance of contacting plate.

Model	A max	B max	C max	D max	E max	a	b	Φ	L	P	S
NC1-09(Z)-12(Z)	47	76	82(116)	120.5(154.5)	140.5(174.5)	34/35	50/60	4.5	60(95)	10.5	8.6
NC1-18(Z)	47	76	87(122)	125.5(160.5)	145.5(180.5)	34/35	50/60	4.5	61(96)	11.3	10.4
NC1-25(Z)	57	86	95(131)	133.5(169.5)	153.5(189.5)	40	48	4.5	70(107)	13.2	11.7
NC1-32(Z)	57	86	100(138)	138.5(176.5)	158.5(196.5)	40	48	4.5	71.6(120)	14.5	13
NC1-4011(Z)-6511(Z)	77	129	116(173)	154.5(211.5)	174.5(231.5)	40	100/110	6.5	78(135)	20	8.6
NC1-4004/8(Z)-6504/8(Z)	84	129	116(173)	154.5(211.5)	174.5(231.5)	40	100/110	6.5	78(135)	20	8.6
NC1-8011(Z)-9511(Z)	87	129	127(188)	165.5(226.5)	185.5(246.5)	40	100/110	6.5	83(140)	23.5	12
NC1-8004/8(Z)-9504/8(Z)	96	129	127(183)	160.5(221.5)	180.5(241.5)	40	100/110	6.5	83(140)	23.5	12

1. General

- 1.1 Certificate: UKRTEST;
- 1.2 Electrical ratings: AC50/60HZ, 690V, up to 95A;
- 1.3 Application: reversing control of motor and the mechanical interlock ensures operation reliability for contactor change-over of the two reversing contactors;
- 1.4 Ambient temperature: -5°C~+40°C;
- 1.5 Pollution degree: 3;
- 1.6 Mounting category: III;
- 1.7 Mounting conditions: inclination between the mounting plane and the vertical plane not exceed ±5°C;
- 1.8 Standard: IEC 60947-4-1.

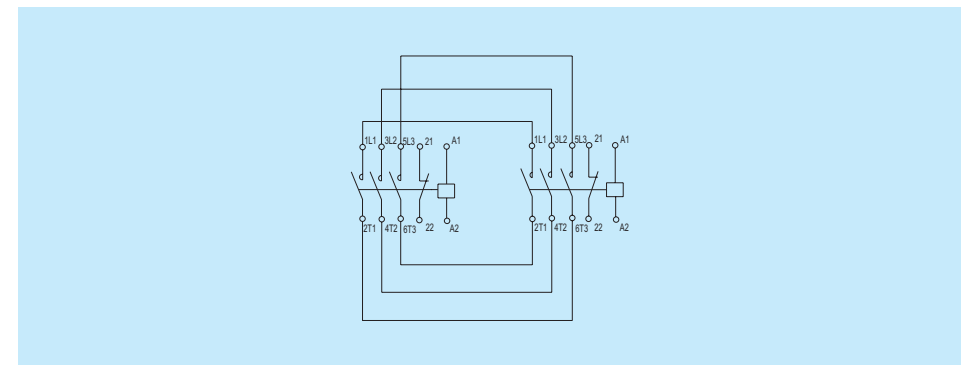
2. Type Designation



3. Structure







The contactors are composed of two horizontally mounted contactors through mechanical interlock. The lateral-side interlock is mounted between the two contactors.

4. Wiring



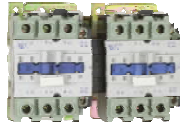
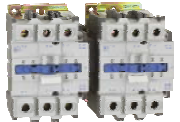


5. Technical Data

★ AC coil operation, reversing type

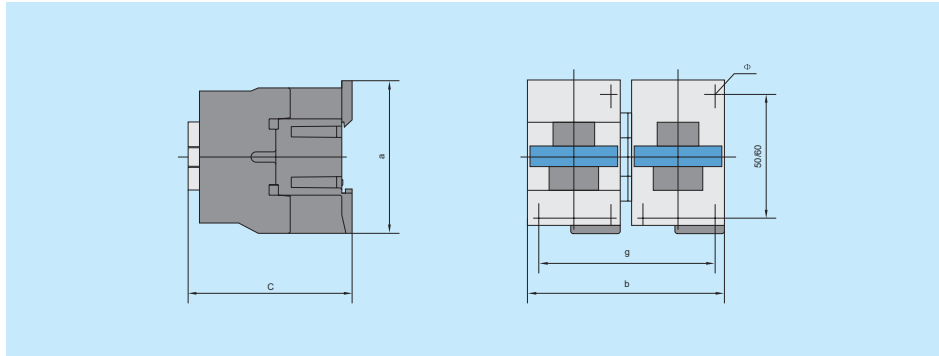
Items	Model	NC1-09N	NC1-12N	NC1-18N	NC1-25N	NC1-32N	NC1-40N	NC1-50N	NC1-65N	NC1-80N	NC1-95N		
													
	Rated conventional heating current (A) AC-1	20	20	32	40	50	60	80	80	95	95		
AC-3	Ie(A)	220/230V	9	12	18	25	32	40	50	65	80	95	
		380/400V	9	12	18	25	32	40	50	65	80	95	
		660/690V	6.6	8.9	12	18	21	34	39	42	49	49	
	Pe(kW)	220/230V	2.2	3	4	5.5	7.5	11	15	18.5	22	25	
		380/400V	4	5.5	7.5	11	15	18.5	22	30	37	45	
		660/690V	5.5	7.5	10	15	18.5	30	37	37	45	45	
AC-4	Ie(A)	380/400V	3.5	5	7.7	8.5	12	18.5	24	28	37	44	
		660/690V	1.5	2	3.8	4.4	7.5	9	12	14	17.3	21.3	
	Pe(kW)	380/400V	1.5	2.2	3	4	5.5	7.5	11	15	18.5	22	
		660/690V	1.1	1.5	3.7	4	5.5	7.5	11	11	15	18.5	
	Power of controlled 3-phase cage motor (AC-3)	HP	200V	3	5	7.5	7.5	10	15	15	20	25	30
			240V	3	5	7.5	10	15	20	20	25	30	30
460V			5	7.5	10	15	20	25	30	40	40	50	
600V			5	7.5	10	15	20	25	30	40	40	50	

★AC coil operation, change-over type

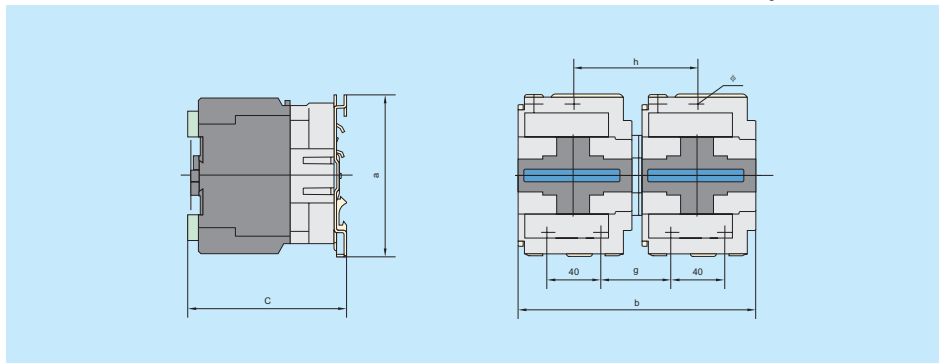
Items		Model	NC1-09N	NC1-12N	NC1-25N	NC1-40N	NC1-50N	NC1-65N	NC1-80N	NC1-95N
										
Rated conventional heating current (A) AC-1			20	20	40	60	80	80	95	95
AC-3	Ie(A)	220/230V	9	12	25	40	50	65	80	95
		380/400V	9	12	25	40	50	65	80	95
		660/690V	6.6	8.9	18	34	39	42	49	49
	Pe(kW)	220/230V	2.2	3	5.5	11	15	18.5	22	25
		380/400V	4	5.5	11	18.5	22	30	37	45
		660/690V	5.5	7.5	15	30	57	37	45	45
AC-4	Ie(A)	380/400V	3.5	5	8.5	18.5	24	28	37	44
		660/690V	1.5	2	4.4	9	12	14	17.3	21.3
		380/400V	1.5	2.2	4	7.5	11	15	18.5	20
	Pe(kW)	660/690V	1.1	1.5	4	7.5	11	11	15	18.5
		200V	3	5	7.5	15	15	20	25	30
		240V	3	5	10	20	20	25	30	30
Power of controlled 3-phase cage motor (AC-3)	HP	460V	5	7.5	15	25	30	40	40	50
		600V	5	7.5	15	25	30	40	40	50

6. Overall and Mounting Dimensions

Overall and mounting dimensions of NC1-09~32N



Overall and mounting dimensions of NC1-40~95N



Contactor model	a	b	c	g	h	φ
NC1-09N~12N	78	105	82	95	-	4.5
NC1-18N	78	105	87	95	-	4.5
NC1-25N	90	125	95	111	-	4.5
NC1-32N	90	125	100	111	-	4.5
NC1-40N~65N	129	165	116	50	90	6.5
NC1-80N~95N	129	165	127	57	96	6.5

➔ NC1 contactor

AC coil operation

★ NC1, 9A, main 3N/O+Aux 1N/C (01)

Us (V)	CTN	Order Code					
		50Hz		60Hz		50/60Hz	
		Standard	RoHS	Standard	RoHS	Standard	RoHS
24	60	241001	972999	241016	973014	241033	973029
36	60	241002	973000	241017	973015	241034	973030
42	60	241003	973001	241018	973016	241035	973031
48	60	241004	973002	241019	973017	241036	973032
110	60	241005	973003	241020	973018	241037	973033
120	60	241006	973004	241021	973019	241038	973034
127	60	241007	973005	241022	973020	241039	973035
220	60	241008	973006	241023	973021	241040	973036
230	60	241009	973007	241024	973022	241041	973037
240	60	241010	973008	241025	973023	241042	973038
380	60	241011	973009	241027	973024	241043	973039
400	60	241012	973010	241028	973025	241044	973040
415	60	241013	973011	241029	973026	241045	973041
440	60	241014	973012	241030	973027	241046	973042
480	60	242488		241031		242489	
660	60	241015	973013	241032	973028	241047	973043

★ NC1, 9A, Main 2N/O+2N/C (08)

Us (V)	CTN	Order Code					
		50Hz		60Hz		50/60Hz	
		Standard	RoHS	Standard	RoHS	Standard	RoHS
24	60	241090	973089	241104	973104	241118	973119
36	60	241091	973090	241105	973105	241119	973120
42	60	241092	973091	241106	973106	241120	973121
48	60	241093	973092	241107	973107	241121	973122
110	60	241094	973093	241108	973108	241122	973123
120	60	242485	973094	242486	973109	242487	973124
127	60	241095	973095	241109	973110	241123	973125
220	60	241096	973096	241110	973111	241124	973126
230	60	241097	973097	241111	973112	241125	973127
240	60	241098	973098	241112	973113	241126	973128
380	60	241099	973099	241113	973114	241127	973129
400	60	241100	973100	241114	973115	241128	973130
415	60	241101	973101	241115	973116	241129	973131
440	60	241102	973102	241116	973117	241130	973132
480	60	242493		242494		242495	
660	60	241103	973103	241117	973118	241131	973133

★ NC1, 9A, main 4N/O (04)

Us (V)	CTN	Order Code					
		50Hz		60Hz		50/60Hz	
		Standard	RoHS	Standard	RoHS	Standard	RoHS
24	60	241048	973044	241062	973059	241076	973074
36	60	241049	973045	241063	973060	241077	973075
42	60	241050	973046	241064	973061	241078	973076
48	60	241051	973047	241065	973062	241079	973077
110	60	241052	973048	241066	973063	242484	973078
120	60	242482	973049	242483	973064	242484	973079
127	60	241053	973050	241067	973065	241081	973080
220	60	241054	973051	241068	973066	241082	973081
230	60	241055	973052	241069	973067	241083	973082
240	60	241056	973053	241070	973068	241084	973083
380	60	241057	973054	241071	973069	241085	973084
400	60	241058	973055	241072	973070	241086	973085
415	60	241059	973056	241073	973071	241087	973086
440	60	241060	973057	241074	973072	241088	973087
480	60	242490		242491		242492	
660	60	241061	973058	241075	973073	241089	973088

★ NC1, 9A, Main 3N/O+Aux 1N/O (10)

Us (V)	CTN	Order Code					
		50Hz		60Hz		50/60Hz	
		Standard	RoHS	Standard	RoHS	Standard	RoHS
24	60	241132	973134	241147	973149	241162	973164
36	60	241133	973135	241148	973150	241163	973165
42	60	241134	973136	241149	973151	241164	973166
48	60	241135	973137	241150	973152	241165	973167
110	60	241136	973138	241151	973153	241166	973168
120	60	241137	973139	241152	973154	241167	973169
127	60	241138	973140	241153	973155	241168	973170
220	60	241139	973141	241154	973156	241169	973171
230	60	241140	973142	241155	973157	241170	973172
240	60	241141	973143	241156	973158	241171	973173
380	60	241142	973144	241157	973159	241172	973174
400	60	241143	973145	241158	973160	241173	973175
415	60	241144	973146	241159	973161	241174	973176
440	60	241145	973147	241160	973162	241175	973177
480	60	242496		242497		242498	
660	60	241146	973148	241161	973163	241176	973178

★ NC1, 12A, main 3N/O+Aux 1N/C (01)

Us (V)	CTN	Order Code					
		50Hz		60Hz		50/60Hz	
		Standard	RoHS	Standard	RoHS	Standard	RoHS
24	60	241197	973199	241212	973214	241227	973229
36	60	241198	973200	241213	973215	241228	973230
42	60	241199	973201	241214	973216	241229	973231
48	60	241200	973202	241215	973217	241230	973232
110	60	241201	973203	241216	973218	241231	973233
120	60	241202	973204	241217	973219	241232	973234
127	60	241203	973205	241218	973220	241233	973235
220	60	241204	973206	241219	973221	241234	973236
230	60	241205	973207	241220	973222	241235	973237
240	60	241206	973208	241221	973223	241236	973238
380	60	241207	973209	241222	973224	241237	973239
400	60	241208	973210	241223	973225	241238	973240
415	60	241209	973211	241224	973226	241239	973241
440	60	241210	973212	241225	973227	241240	973242
660	60	241211	973213	241226	973228	241241	973243

★ NC1, 12A, main 2N/O+2N/C (08)

Us (V)	CTN	Order Code					
		50Hz		60Hz		50/60Hz	
		Standard	RoHS	Standard	RoHS	Standard	RoHS
24	60	241284	973289	241298	973304	241312	973319
36	60	241285	973290	241299	973305	241313	973320
42	60	241286	973291	241300	973306	241314	973321
48	60	241287	973292	241301	973307	241315	973322
110	60	241288	973293	241302	973308	241316	973323
120	60	242502	973294	242503	973309	242504	973324
127	60	241289	973295	241303	973310	241317	973325
220	60	241290	973296	241304	973311	241318	973326
230	60	241291	973297	241305	973312	241319	973327
240	60	241292	973298	241306	973313	241320	973328
380	60	241293	973299	241307	973314	241321	973329
400	60	241294	973300	241308	973315	241322	973330
415	60	241295	973301	241309	973316	241323	973331
440	60	241296	973302	241310	973317	241324	973332
660	60	241297	973303	241311	973318	241325	973333

★ NC1, 12A, main 4N/O (04)

Us (V)	CTN	Order Code					
		50Hz		60Hz		50/60Hz	
		Standard	RoHS	Standard	RoHS	Standard	RoHS
24	60	241242	973244	241256	973259	241270	973274
36	60	241243	973245	241257	973260	241271	973275
42	60	241244	973246	241258	973261	241272	973276
48	60	241245	973247	241259	973262	241273	973277
110	60	241246	973248	241260	973263	241274	973278
120	60	242499	973249	242500	973264	242501	973279
127	60	241247	973250	241261	973265	241275	973280
220	60	241248	973251	241262	973266	241276	973281
230	60	241249	973252	241263	973267	241277	973282
240	60	241250	973253	241264	973268	241278	973283
380	60	241251	973254	241265	973269	241279	973284
400	60	241252	973255	241266	973270	241280	973285
415	60	241253	973256	241267	973271	241281	973286
440	60	241254	973257	241268	973272	241282	973287
660	60	241255	973258	241269	973273	241283	973288

★ NC1, 12A, main 3N/O+Aux 1N/O (10)

Us (V)	CTN	Order Code					
		50Hz		60Hz		50/60Hz	
		Standard	RoHS	Standard	RoHS	Standard	RoHS
24	60	241326	973334	241341	973349	241356	973364
36	60	241327	973335	241342	973350	241357	973365
42	60	241328	973336	241343	973351	241358	973366
48	60	241329	973337	241344	973352	241359	973367
110	60	241330	973338	241345	973353	241360	973368
120	60	241331	973339	241346	973354	241361	973369
127	60	241332	973340	241347	973355	241362	973370
220	60	241333	973341	241348	973356	241363	973371
230	60	241334	973342	241349	973357	241364	973372
240	60	241335	973343	241350	973358	241365	973373
380	60	241336	973344	241351	973359	241366	973374
400	60	241337	973345				

★ NC1, 18A, main 3N/O+Aux 1N/C (01)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	241391	241405	241419	60
36	241392	241406	241420	60
42	241393	241407	241421	60
48	241394	241408	241422	60
110	241395	241409	241423	60
120	242450	242451	242452	60
127	241396	241410	241424	60
220	241397	241411	241425	60
230	241398	241412	241426	60
240	241399	241413	241427	60
380	241400	241414	241428	60
400	241401	241415	241429	60
415	241402	241416	241430	60
440	241403	241417	241431	60
660	241404	241418	241432	60

★ NC1, 18A, main 3N/O+Aux 1N/O (10)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	241433	241447	241461	60
36	241434	241448	241462	60
42	-	-	-	-
48	241435	241449	241463	60
110	241436	241450	241464	60
120	241437	241451	241465	60
127	241438	241452	241466	60
220	241439	241453	241467	60
230	241440	241454	241468	60
240	241441	241455	241469	60
380	241442	241456	241470	60
400	241443	241457	241471	60
415	241444	241458	241472	60
440	241445	241459	241473	60
660	241446	241460	241474	60

★ NC1, 25A, main 2N/O+2N/C (08)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	241569	241583	241597	40
36	241570	241584	241598	40
42	241571	241585	241599	40
48	241572	241586	241600	40
110	241573	241587	241601	40
120	-	-	-	-
127	241574	241588	241602	40
220	241575	241589	241603	40
230	241576	241590	241604	40
240	241577	241591	241605	40
380	241578	241592	241606	40
400	241579	241593	241607	40
415	241580	241594	241608	40
440	241581	241595	241609	40
660	241582	241596	241610	40

★ NC1, 25A, main 3N/O+Aux 1N/O (10)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	241611	241626	241641	40
36	241612	241627	241642	40
42	241613	241628	241643	40
48	241614	241629	241644	40
110	241615	241630	241645	40
120	241616	241631	241646	40
127	241617	241632	241647	40
220	241618	241633	241648	40
230	241619	241634	241649	40
240	241620	241635	241650	40
380	241621	241636	241651	40
400	241622	241637	241652	40
415	241623	241638	241653	40
440	241624	241639	241654	40
660	241625	241640	241655	40

★ NC1, 25A, main 3N/O+Aux 1N/C (01)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	241485	241499	241513	40
36	241486	241500	241514	40
42	241487	241501	241515	40
48	241488	241502	241516	40
110	241489	241503	241517	40
120	242445	242437	242446	40
127	241490	241504	241518	40
220	241491	241505	241519	40
230	241492	241506	241520	40
240	241493	241507	241521	40
380	241494	241508	241522	40
400	241495	241509	241523	40
415	241496	241510	241524	40
440	241497	241511	241525	40
660	241498	241512	241526	40

★ NC1, 25A, main 4N/O (04)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	241527	241541	241555	40
36	241528	241542	241556	40
42	241529	241543	241557	40
48	241530	241544	241558	40
110	241531	241545	241559	40
120	-	242438	-	40
127	241532	241546	241560	40
220	241533	241547	241561	40
230	241534	241548	241562	40
240	241535	241549	241563	40
380	241536	241550	241564	40
400	241537	241551	241565	40
415	241538	241552	241566	40
440	241539	241553	241567	40
660	241540	241554	241568	40

★ NC1, 32A, main 3N/O+Aux 1N/C (01)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	241676	241690	241704	40
36	241677	241691	241705	40
42	241678	241692	241706	40
48	241679	241693	241707	40
110	241680	241694	241708	40
120	242447	242448	242449	40
127	241681	241695	241709	40
220	241682	241696	241710	40
230	241683	241697	241711	40
240	241684	241698	241712	40
380	241685	241699	241713	40
400	241686	241700	241714	40
415	241687	241701	241715	40
440	241688	241702	241716	40
660	241689	241703	241717	40

★ NC1, 32A, main 3N/O+Aux 1N/O (10)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	241718	241733	241748	40
36	241719	241734	241749	40
42	241720	241735	241750	40
48	241721	241736	241751	40
110	241722	241737	241752	40
120	241723	241738	241753	40
127	241724	241739	241754	40
220	241725	241740	241755	40
230	241726	241741	241756	40
240	241727	241742	241757	40
380	241728	241743	241758	40
400	241729	241744	241759	40
415	241730	241745	241760	40
440	241731	241746	241761	40
660	241732	241747	241762	40

★ NC1, 40A, main 4N/O (04)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	241773	241785	241797	16
36	241774	241786	241798	16
42	241775	241787	241799	16
48	241776	241788	241800	16
110	241777	241789	241801	16
120	-	-	-	-
127	242439	242440	242441	16
220	242442	242443	242444	16
230	241778	241790	241802	16
240	241779	241791	241803	16
380	241780	241792	241804	16
400	241781	241793	241805	16
415	241782	241794	241806	16
440	241783	241795	241807	16
660	241784	241796	241808	16

★ NC1, 40A, main 2N/O+2N/C (08)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	241809	241823	241837	16
36	241810	241824	241838	16
42	241811	241825	241839	16
48	241812	241826	241840	16
110	241813	241827	241841	16
120	-	-	-	-
127	241814	241828	241842	16
220	241815	241829	241843	16
230	241816	241830	241844	16
240	241817	241831	241845	16
380	241818	241832	241846	16
400	241819	241833	241847	16
415	241820	241834	241848	16
440	241821	241835	241849	16
660	241822	241836	241850	16

★ NC1, 50A, main 2N/O+2N/C (08)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	241943	241957	241971	16
36	241944	241958	241972	16
42	241945	241959	241973	16
48	241946	241960	241974	16
110	241947	241961	241975	16
120	-	-	-	-
127	241948	241962	241976	16
220	241949	241963	241977	16
230	241950	241964	241978	16
240	241951	241965	241979	16
380	241952	241966	241980	16
400	241953	241967	241981	16
415	241954	241968	241982	16
440	241955	241969	241983	16
660	241956	241970	241984	16

★ NC1, 50A, main 3N/O+Aux 1N/O 1N/C (11)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	241985	242000	242015	20
36	241986	242001	242016	20
42	241987	242002	242017	20
48	241988	242003	242018	20
110	241989	242004	242019	20
120	241990	242005	242020	20
127	241991	242006	242021	20
220	241992	242007	242022	20
230	241993	242008	242023	20
240	241994	242009	242024	20
380	241995	242010	242025	20
400	241996	242011	242026	20
415	241997	242012	242027	20
440	241998	242013	242028	20
660	241999	242014	242029	20

★ NC1, 40A, main 3N/O+Aux 1N/O 1N/C (11)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	241851	241866	241881	20
36	241852	241867	241882	20
42	241853	241868	241883	20
48	241854	241869	241884	20
110	241855	241870	241885	20
120	241856	241871	241886	20
127	241857	241872	241887	20
220	241858	241873	241888	20
230	241859	241874	241889	20
240	241860	241875	241890	20
380	241861	241876	241891	20
400	241862	241877	241892	20
415	241863	241878	241893	20
440	241864	241879	241894	20
660	241865	241880	241895	20

★ NC1, 50A, main 4N/O (04)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	241901	241915	241929	16
36	241902	241916	241930	16
42	241903	241917	241931	16
48	241904	241918	241932	16
110	241905	241919	241933	16
120	-	-	-	-
127	241906	241920	241934	16
220	241907	241921	241935	16
230	241908	241922	241936	16
240	241909	241923	241937	16
380	241910	241924	241938	16
400	241911	241925	241939	16
415	241912	241926	241940	16
440	241913	241927	241941	16
660	241914	241928	241942	16

★ NC1, 65A, main 4N/O (04)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	242035	242049	242063	16
36	242036	242050	242064	16
42	242037	242051	242065	16
48	242038	242052	242066	16
110	242039	242053	242067	16
120	242453	242454	242455	16
127	242040	242054	242068	16
220	242041	242055	242069	16
230	242042	242056	242070	16
240	242043	242057	242071	16
380	242044	242058	242072	16
400	242045	242059	242073	16
415	242046	242060	242074	16
440	242047	242061	242075	16
660	242048	242062	242076	16

★ NC1, 65A, main 2N/O+2N/C (08)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	242077	242091	242105	16
36	242078	242092	242106	16
42	242079	242093	242107	16
48	242080	242094	242108	16
110	242081	242095	242109	16
120	242456	242457	242458	16
127	242082	242096	242110	16
220	242083	242097	242111	16
230	242084	242098	242112	16
240	242085	242099	242113	16
380	242086	242100	242114	16
400	242087	242101	242115	16
415	242088	242102	242116	16
440	242089	242103	242117	16
660	242090	242104	242118	16

★ NC1, 65A, main 3N/O+Aux 1N/O 1N/C (11)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	242119	242134	242149	20
36	242120	242135	242150	20
42	242121	242136	242151	20
48	242122	242137	242152	20
110	242123	242138	242153	20
120	242124	242139	242154	20
127	242125	242140	242155	20
220	242126	242141	242156	20
230	242127	242142	242157	20
240	242128	242143	242158	20
380	242129	242144	242159	20
400	242130	242145	242160	20
415	242131	242146	242161	20
440	242132	242147	242162	20
660	242133	242148	242163	20

★ NC1, 80A, main 4N/O (04)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	242169	242183	242197	12
36	242170	242184	242198	12
42	242171	242185	242199	12
48	242172	242186	242200	12
110	242173	242187	242201	12
120	242465	242466	242467	12
127	242174	242188	242202	12
220	242175	242189	242203	12
230	242176	242190	242204	12
240	242177	242191	242205	12
380	242178	242192	242206	12
400	242179	242193	242207	12
415	242180	242194	242208	12
440	242181	242195	242209	12
660	242182	242196	242210	12

★ NC1, 95A, main 4N/O (04)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	242303	242317	242331	12
36	242304	242318	242332	12
42	242305	242319	242333	12
48	242306	242320	242334	12
110	242307	242321	242335	12
120	242459	242460	242461	12
127	242308	242322	242336	12
220	242309	242323	242337	12
230	242310	242324	242338	12
240	242311	242325	242339	12
380	242312	242326	242340	12
400	242313	242327	242341	12
415	242314	242328	242342	12
440	242315	242329	242343	12
660	242316	242330	242344	12

★ NC1, 95A, main 2N/O+2N/C (08)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	242345	242359	242373	12
36	242346	242360	242374	12
42	242347	242361	242375	12
48	242348	242362	242376	12
110	242349	242363	242377	12
120	242462	242463	242464	12
127	242350	242364	242378	12
220	242351	242365	242379	12
230	242352	242366	242380	12
240	242353	242367	242381	12
380	242354	242368	242382	12
400	242355	242369	242383	12
415	242356	242370	242384	12
440	242357	242371	242385	12
660	242358	242372	242386	12

★ NC1, 80A, main 2N/O+2N/C (08)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	242211	242225	242239	12
36	242212	242226	242240	12
42	242213	242227	242241	12
48	242214	242228	242242	12
110	242215	242229	242243	12
120	242468	242469	242470	12
127	242216	242230	242244	12
220	242217	242231	242245	12
230	242218	242232	242246	12
240	242219	242233	242247	12
380	242220	242234	242248	12
400	242221	242235	242249	12
415	242222	242236	242250	12
440	242223	242237	242251	12
660	242224	242238	242252	12

★ NC1, 80A, main 3N/O+Aux 1N/O 1N/C (11)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	242253	242268	242283	16
36	242254	242269	242284	16
42	242255	242270	242285	16
48	242256	242271	242286	16
110	242257	242272	242287	16
120	242258	242273	242288	16
127	242259	242274	242289	16
220	242260	242275	242290	16
230	242261	242276	242291	16
240	242262	242277	242292	16
380	242263	242278	242293	16
400	242264	242279	242294	16
415	242265	242280	242295	16
440	242266	242281	242296	16
660	242267	242282	242297	16

★ NC1, 95A, main 3N/O+Aux 1N/O 1N/C (11)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	242387	242402	242417	16
36	242388	242403	242418	16
42	242389	242404	242419	16
48	242390	242405	242420	16
110	242391	242406	242421	16
120	242392	242407	242422	16
127	242393	242408	242423	16
220	242394	242409	242424	16
230	242395	242410	242425	16
240	242396	242411	242426	16
380	242397	242412	242427	16
400	242398	242413	242428	16
415	242399	242414	242429	16
440	242400	242415	242430	16
660	242401	242416	242431	16

DC coil operation

★ NC1, 9A, main 3N/O+Aux 1N/C(01)

Us (V)	CTN	Order code	
		Standard	RoHS
24	40	241177	973179
48	40	241178	973180
60	40	241179	973181
110	40	241180	973182
220	40	241181	973183

★ NC1, 9A, main 4N/O (04)

Us (V)	CTN	Order code	
		Standard	RoHS
24	40	241192	973184
48	40	241193	973185
60	40	241194	973186
110	40	241195	973187
220	40	241196	973188

★ NC1, 18A, main 3N/O+Aux 1N/C (01)

Us (V)	CTN	Order code	
		Standard	RoHS
24	40	241475	973489
48	40	241476	973490
60	40	241477	973491
110	40	241478	973492
220	40	241479	973493

★ NC1, 18A, main 3N/O+Aux 1N/O (10)

Us (V)	CTN	Order code	
		Standard	RoHS
24	40	241480	973494
48	40	241481	973495
60	40	241482	973496
110	40	241483	973497
220	40	241484	973498

★ NC1, 9A, main 2N/O+2N/C(08)

Us (V)	CTN	Order code	
		Standard	RoHS
24	40	241182	973189
48	40	241183	973190
60	40	241184	973191
110	40	241185	973192
220	40	241186	973193

★ NC1, 9A, main 3N/O+Aux 1N/O (10)

Us (V)	CTN	Order code	
		Standard	RoHS
24	40	241187	973194
48	40	241188	973195
60	40	241189	973196
110	40	241190	973197
220	40	241191	973198

★ NC1, 25A, main 3N/O+Aux 1N/C (01)

Us (V)	CTN	Order code	
		Standard	RoHS
24	24	241656	973679
48	24	241657	973680
60	24	241658	973681
110	24	241659	973682
220	24	241660	973683

★ NC1, 25A, main 4N/O (04)

Us (V)	CTN	Order code	
		Standard	RoHS
24	24	241661	973684
48	24	241662	973685
60	24	241663	973686
110	24	241664	973687
220	24	241665	973688

★ NC1, 12A, main 3N/O+Aux 1N/C (01)

Us (V)	CTN	Order code	
		Standard	RoHS
24	40	241371	973379
48	40	241372	973380
60	40	241373	973381
110	40	241374	973382
220	40	241375	973383

★ NC1, 12A, main 4N/O (04)

Us (V)	CTN	Order code	
		Standard	RoHS
24	40	241386	973384
48	40	241387	973385
60	40	241388	973386
110	40	241389	973387
220	40	241390	973388

★ NC1, 25A, main 2N/O2N/C (08)

Us (V)	CTN	Order code	
		Standard	RoHS
24	24	241666	973689
48	24	241667	973690
60	24	241668	973691
110	24	241669	973692
220	24	241670	973693

★ NC1, 25A, main 3N/O+Aux 1N/O (10)

Us (V)	CTN	Order code	
		Standard	RoHS
24	24	241671	973694
48	24	241672	973695
60	24	241673	973696
110	24	241674	973697
220	24	241675	973698

★ NC1, 12A, main 2N/O2N/C (08)

Us (V)	CTN	Order code	
		Standard	RoHS
24	40	241376	973389
48	40	241377	973390
60	40	241378	973391
110	40	241379	973392
220	40	241380	973393

★ NC1, 12A, main 3N/O+Aux 1N/O (10)

Us (V)	CTN	Order code	
		Standard	RoHS
24	40	241381	973394
48	40	241382	973395
60	40	241383	973396
110	40	241384	973397
220	40	241385	973398

★ NC1, 32A, main 3N/O+Aux 1N/C (01)

Us (V)	CTN	Order code	
		Standard	RoHS
24	24	241763	973789
48	24	241764	973790
60	24	241765	973791
110	24	241766	973792
220	24	241767	973793

★ NC1, 32A, main 3N/O+Aux 1N/O (10)

Us (V)	CTN	Order code	
		Standard	RoHS
24	24	241768	973794
48	24	241769	973795
60	24	241770	973796
110	24	241771	973797
220	24	241772	973798

★ NC1, 40A, main 3N/O+Aux 1N/O 1N/C (11)

Control voltage (V)	Order code	CTN
24	241896	10
48	241897	10
60	241898	10
110	241899	10
220	241900	10

★ NC1, 65A, main 3N/O+Aux 1N/O 1N/C (11)

Control voltage (V)	Order code	CTN
24	242164	10
48	242165	10
60	242166	10
110	242167	10
220	242168	10

★ NC1, 95A, main 3N/O+Aux 1N/O 1N/C (11)

Control voltage (V)	Order code	CTN
24	242432	8
48	242433	8
60	242434	8
110	242435	8
220	242436	8

★ NC1, 50A, main 3N/O+Aux 1N/O 1N/C (11)

Control voltage (V)	Order code	CTN
24	242030	10
48	242031	10
60	242032	10
110	242033	10
220	242034	10

★ NC1, 80A, main 3N/O+Aux 1N/O 1N/C (11)

Control voltage (V)	Order code	CTN
24	242298	8
48	242299	8
60	242300	8
110	242301	8
220	242302	8

★ NC1-N, 9A, main 3N/O+Aux 1N/O (10)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	243088	243103	243118	24
36	243089	243104	243119	24
42	243090	243105	243120	24
48	243091	243106	243121	24
110	243092	243107	243122	24
127	243093	243108	243123	24
220	243094	243109	243124	24
230	243095	243110	243125	24
240	243096	243111	243126	24
380	243097	243112	243127	24
400	243098	243113	243128	24
415	243099	243114	243129	24
440	243100	243115	243130	24
500	243101	243116	243131	24
660	243102	243117	243132	24

★ NC1-N, 12A, main 3N/O+Aux 1N/C (01)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	243133	243148	243163	24
36	243134	243149	243164	24
42	243135	243150	243165	24
48	243136	243151	243166	24
110	243137	243152	243167	24
127	243138	243153	243168	24
220	243139	243154	243169	24
230	243140	243155	243170	24
240	243141	243156	243171	24
380	243142	243157	243172	24
400	243143	243158	243173	24
415	243144	243159	243174	24
440	243145	243160	243175	24
500	243146	243161	243176	24
660	243147	243162	243177	24

➔ NC1-N contactor, reversing & change-over type

★ NC1-N, 9A, main 3N/O+Aux 1N/C (01)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	243001	243016	243031	24
36	243002	243017	243032	24
42	243003	243018	243033	24
48	243004	243019	243034	24
110	243005	243020	243035	24
127	243006	243021	243036	24
220	243007	243022	243037	24
230	243008	243023	243038	24
240	243009	243024	243039	24
380	243010	243025	243040	24
400	243011	243026	243041	24
415	243012	243027	243042	24
440	243013	243028	243043	24
500	243014	243029	243044	24
660	243015	243030	243045	24

★ NC1-N, 9A, main 4N/O (04)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	243046	243060	243074	24
36	243047	243061	243075	24
42	243048	243062	243076	24
48	243049	243063	243077	24
110	243050	243064	243078	24
127	243051	243065	243079	24
220	243052	243066	243080	24
230	243053	243067	243081	24
240	243054	243068	243082	24
380	243055	243069	243083	24
400	243056	243070	243084	24
415	243057	243071	243085	24
440	243058	243072	243086	24
500	-	-	-	-
660	243059	243073	243087	24

★ NC1-N, 12A, main 4N/O (04)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	243178	243192	243206	24
36	243179	243193	243207	24
42	243180	243194	243208	24
48	243181	243195	243209	24
110	243182	243196	243210	24
127	243183	243197	243211	24
220	243184	243198	243212	24
230	243185	243199	243213	24
240	243186	243200	243214	24
380	243187	243201	243215	24
400	243188	243202	243216	24
415	243189	243203	243217	24
440	243190	243204	243218	24
500	-	-	-	-
660	243191	243205	243219	24

★ NC1-N, 12A, main 3N/O+Aux 1N/O (10)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	243220	243235	243250	24
36	243221	243236	243251	24
42	243222	243237	243252	24
48	243223	243238	243253	24
110	243224	243239	243254	24
127	243225	243240	243255	24
220	243226	243241	243256	24
230	243227	243242	243257	24
240	243228	243243	243258	24
380	243229	243244	243259	24
400	243230	243245	243260	24
415	243231	243246	243261	24
440	243232	243247	243262	24
500	243233	243248	243263	24
660	243234	243249	243264	24

★ NC1-N, 18A, main 3N/O+Aux 1N/C (01)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	243265	243280	243295	24
36	243266	243281	243296	24
42	243267	243282	243297	24
48	243268	243283	243298	24
110	243269	243284	243299	24
127	243270	243285	243300	24
220	243271	243286	243301	24
230	243272	243287	243302	24
240	243273	243288	243303	24
380	243274	243289	243304	24
400	243275	243290	243305	24
415	243276	243291	243306	24
440	243277	243292	243307	24
500	243278	243293	243308	24
660	243279	243294	243309	24

★ NC1-N, 18A, main 3N/O+Aux 1N/O (10)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	243310	243325	243340	24
36	243311	243326	243341	24
42	243312	243327	243342	24
48	243313	243328	243343	24
110	243314	243329	243344	24
127	243315	243330	243345	24
220	243316	243331	243346	24
230	243317	243332	243347	24
240	243318	243333	243348	24
380	243319	243334	243349	24
400	243320	243335	243350	24
415	243321	243336	243351	24
440	243322	243337	243352	24
500	243323	243338	243353	24
660	243324	243339	243354	24

★ NC1-N, 25A, main 3N/O+Aux 1N/O (10)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	243447	243462	243477	18
36	243448	243463	243478	18
42	243452	243467	243482	18
48	243454	243469	243484	18
110	243442	243457	243472	18
127	243443	243458	243473	18
220	243444	243459	243474	18
230	243445	243460	243475	18
240	243446	243461	243476	18
380	243449	243464	243479	18
400	243450	243465	243480	18
415	243451	243466	243481	18
440	243453	243468	243483	18
500	243455	243470	243485	18
660	243456	243471	243486	18

★ NC1-N, 32A, main 3N/O+Aux 1N/C (01)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	243487	243502	243517	18
36	243488	243503	243518	18
42	243489	243504	243519	18
48	243490	243505	243520	18
110	243491	243506	243521	18
127	243492	243507	243522	18
220	243493	243508	243523	18
230	243494	243509	243524	18
240	243495	243510	243525	18
380	243496	243511	243526	18
400	243497	243512	243527	18
415	243498	243513	243528	18
440	243499	243514	243529	18
500	243500	243515	243530	18
660	243501	243516	243531	18

★ NC1-N, 25A, main 3N/O+Aux 1N/C (01)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	243360	243375	243390	18
36	243361	243376	243391	18
42	243365	243380	243395	18
48	243367	243382	243397	18
110	243355	243370	243385	18
127	243356	243371	243386	18
220	243357	243372	243387	18
230	243358	243373	243388	18
240	243359	243374	243389	18
380	243362	243377	243392	18
400	243363	243378	243393	18
415	243364	243379	243394	18
440	243366	243381	243396	18
500	243368	243383	243398	18
660	243369	243384	243399	18

★ NC1-N, 25A, main 4N/O (04)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	243405	243419	243433	18
36	243406	243420	243434	18
42	243410	243424	243438	18
48	243412	243426	243440	18
110	243400	243414	243428	18
127	243401	243415	243429	18
220	243402	243416	243430	18
230	243403	243417	243431	18
240	243404	243418	243432	18
380	243407	243421	243435	18
400	243408	243422	243436	18
415	243409	243423	243437	18
440	243411	243425	243439	18
500	-	-	-	-
660	243413	243427	243441	18

★ NC1-N, 32A, main 3N/O+Aux 1N/O (10)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	243532	243546	243560	18
36	243533	243547	243561	18
42	243534	243548	243562	18
48	243535	243549	243563	18
110	243536	243550	243564	18
127	243537	243551	243565	18
220	243538	243552	243566	18
230	243539	243553	243567	18
240	243540	243554	243568	18
380	243541	243555	243569	18
400	243542	243556	243570	18
415	243543	243557	243571	18
440	244010	244011	243572	18
500	243544	243558	243573	18
660	243545	243559	243574	18

★ NC1-N, 40A, main 4N/O (04)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	243575	243589	243603	8
36	243576	243590	243604	8
42	243577	243591	243605	8
48	243578	243592	243606	8
110	243579	243593	243607	8
127	243580	243594	243608	8
220	243581	243595	243609	8
230	243582	243596	243610	8
240	243583	243597	243611	8
380	243584	243598	243612	8
400	243585	243599	243613	8
415	243586	243600	243614	8
440	243587	243601	243615	8
500	-	-	-	-
660	243588	243602	243616	8

★ NC1-N, 40A, main 3N/O+Aux 1N/O 1N/C (11)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	243617	243632	243647	8
36	243618	243633	243648	8
42	243619	243634	243649	8
48	243620	243635	243650	8
110	243621	243636	243651	8
127	243622	243637	243652	8
220	243623	243638	243653	8
230	243624	243639	243654	8
240	243625	243640	243655	8
380	243626	243641	243656	8
400	243627	243642	243657	8
415	243628	243643	243658	8
440	243629	243644	243659	8
500	243630	243645	243660	8
660	243631	243646	243661	8

★ NC1-N, 50A, main 4N/O (04)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	243662	243676	243690	8
36	243663	243677	243691	8
42	243664	243678	243692	8
48	243665	243679	243693	8
110	243666	243680	243694	8
127	243667	243681	243695	8
220	243668	243682	243696	8
230	243669	243683	243697	8
240	243670	243684	243698	8
380	243671	243685	243699	8
400	243672	243686	243700	8
415	243673	243687	243701	8
440	243674	243688	243702	8
500	-	-	-	-
660	243675	243689	243703	8

★ NC1-N, 65A, main 3N/O+Aux 1N/O 1N/C (11)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	243791	243806	243821	8
36	243792	243807	243822	8
42	243793	243808	243823	8
48	243794	243809	243824	8
110	243795	243810	243825	8
127	243796	243811	243826	8
220	243797	243812	243827	8
230	243798	243813	243828	8
240	243799	243814	243829	8
380	243800	243815	243830	8
400	243801	243816	243831	8
415	243802	243817	243832	8
440	243803	243818	243833	8
500	243804	243819	243834	8
660	243805	243820	243835	8

★ NC1-N, 80A, main 4N/O (04)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	243836	243850	243864	8
36	243837	243851	243865	8
42	243838	243852	243866	8
48	243839	243853	243867	8
110	243840	243854	243868	8
127	243841	243855	243869	8
220	243842	243856	243870	8
230	243843	243857	243871	8
240	243844	243858	243872	8
380	243845	243859	243873	8
400	243846	243860	243874	8
415	243847	243861	243875	8
440	243848	243862	243876	8
500	-	-	-	-
660	243849	243863	243877	8

★ NC1-N, 50A, main 3N/O+Aux 1N/O 1N/C (11)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	243704	243719	243734	8
36	243705	243720	243735	8
42	243706	243721	243736	8
48	243707	243722	243737	8
110	243708	243723	243738	8
127	243709	243724	243739	8
220	243710	243725	243740	8
230	243711	243726	243741	8
240	243712	243727	243742	8
380	243713	243728	243743	8
400	243714	243729	243744	8
415	243715	243730	243745	8
440	243716	243731	243746	8
500	243717	243732	243747	8
660	243718	243733	243748	8

★ NC1-N, 65A, main 4N/O (04)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	243749	243763	243777	8
36	243750	243764	243778	8
42	243751	243765	243779	8
48	243752	243766	243780	8
110	243753	243767	243781	8
127	243754	243768	243782	8
220	243755	243769	243783	8
230	243756	243770	243784	8
240	243757	243771	243785	8
380	243758	243772	243786	8
400	243759	243773	243787	8
415	243760	243774	243788	8
440	243761	243775	243789	8
500	-	-	-	-
660	243762	243776	243790	8

★ NC1-N, 80A, main 3N/O+Aux 1N/O 1N/C (11)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	243878	243893	243908	8
36	243879	243894	243909	8
42	243880	243895	243910	8
48	243881	243896	243911	8
110	243882	243897	243912	8
127	243883	243898	243913	8
220	243884	243899	243914	8
230	243885	243900	243915	8
240	243886	243901	243916	8
380	243887	243902	243917	8
400	243888	243903	243918	8
415	243889	243904	243919	8
440	243890	243905	243920	8
500	243891	243906	243921	8
660	243892	243907	243922	8

★ NC1-N, 95A, main 4N/O (04)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	243923	243937	243951	8
36	243924	243938	243952	8
42	243925	243939	243953	8
48	243926	243940	243954	8
110	243927	243941	243955	8
127	243928	243942	243956	8
220	243929	243943	243957	8
230	243930	243944	243958	8
240	243931	243945	243959	8
380	243932	243946	243960	8
400	243933	243947	243961	8
415	243934	243948	243962	8
440	243935	243949	243963	8
500	-	-	-	-
660	243936	243950	243964	8

★ NC1-N, 95A, main 3N/O+Aux 1N/O 1N/C (11)

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	243965	243980	243995	8
36	243966	243981	243996	8
42	243967	243982	243997	8
48	243968	243983	243998	8
110	243969	243984	243999	8
127	243970	243985	244000	8
220	243971	243986	244001	8
230	243972	243987	244002	8
240	243973	243988	244003	8
380	243974	243989	244004	8
400	243975	243990	244005	8
415	243976	243991	244006	8
440	243977	243992	244007	8
500	243978	243993	244008	8
660	243979	243994	244009	8

Control voltage (V)	Order code			CTN
	50Hz	60Hz	50/60Hz	
24	243965	243980	243995	8
36	243966	243981	243996	8
42	243967	243982	243997	8
48	243968	243983	243998	8
110	243969	243984	243999	8
127	243970	243985	244000	8
220	243971	243986	244001	8
230	243972	243987	244002	8
240	243973	243988	244003	8
380	243974	243989	244004	8
400	243975	243990	244005	8
415	243976	243991	244006	8
440	243977	243992	244007	8
500	243978	243993	244008	8
660	243979	243994	244009	8

➔ Accessories

★ F4 Auxiliary contact

Number of contact	Order code	CTN
11	248501	360
02	248502	360
20	248503	360
22	248504	210
13	248505	210
31	248506	210
04	248507	210
40	248508	210

★ NC1 Mechanical interlock

Applicable range	Order code	CTN
09-32	248551	200
40-65	248552	200
80-95	248553	200

★ F5 Air-delay block

Number of contact	Order code	CTN
T0	248509	120
T2	248510	120
T4	248511	120
D0	248512	120
D2	248513	120
D4	248514	120