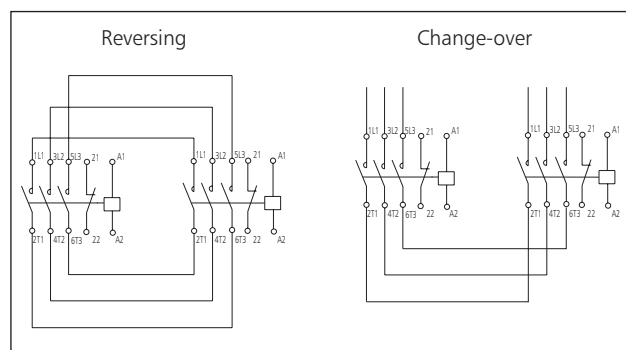




- 1.1 Electrical ratings: AC50/60HZ, 690V, up to 95A;
- 1.2 Application: reversing control of motor
and the mechanical interlock ensures operation
reliability for contactor change-over
of the two reversing contactors;
- 1.3 Ambient temperature: $-5^{\circ}\text{C} \sim +40^{\circ}\text{C}$;
- 1.4 Pollution degree: 3
- 1.5 Mounting category: III
- 1.6 Mounting conditions:
inclination between the mounting plane
and the vertical plane not exceed $\pm 5^{\circ}$
- 1.7 Standard: IEC/EN 60947-4-1

N C 1-□□ □□ N



5. Technical data

★ AC coil operation, reversing type

Items \ Model			NC1-09N	NC1-12N	NC1-18N	NC1-25N	
Frame			Frame 1 (3P, 4P)		Frame 2 (3P)	Frame 3 (3P, 4P)	
Rated conventional heating current (A) AC-1			20	20	32	40	
AC-4	I _e (A)	380/400V	3.5	5	7.7	8.5	
		660/690V	1.5	2	3.8	4.4	
	P _e (kW)	380/400V	1.5	2.2	3	4	
		660/690V	1.1	1.5	3.7	4	
Power of controlled 3-phase cage motor (AC-3)	hp	200V	3	5	7.5	7.5	
		240V	3	5	7.5	10	
		460V	5	7.5	10	15	
		600V	5	7.5	10	15	

★ AC coil operation, change-over type

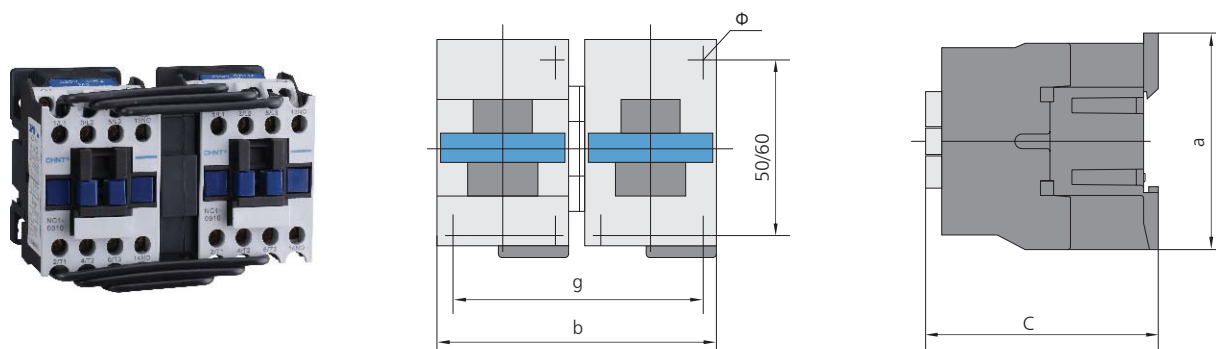
Items \ Model			NC1-09N	NC1-12N	NC1-25N	
Frame			Frame 1 (4P)	Frame 2 (4P)	Frame 3 (4P)	
Rated conventional heating current (A) AC-1			20	20	40	
AC-4	I _e (A)	380/400V	3.5	5	8.5	
		660/690V	1.5	2	4.4	
	P _e (kW)	380/400V	1.5	2.2	4	
		660/690V	1.1	1.5	4	
Power of controlled 3-phase cage motor (AC-3)	hp	200V	3	5	7.5	
		240V	3	5	10	
		460V	5	7.5	15	
		600V	5	7.5	15	

NC1-32N	NC1-40N	NC1-50N	NC1-65N	NC1-80N	NC1-95N
Frame 4 (3P)	Frame 5 (3P, 4P)			Frame 6 (3P, 4P)	
50	60	80	80	95	95
12	18.5	24	28	37	44
7.5	9	12	14	17.3	21.3
5.5	7.5	11	15	18.5	22
5.5	7.5	11	11	15	18.5
10	15	15	20	25	30
15	20	20	25	30	30
20	25	30	40	40	50
20	25	30	40	40	50

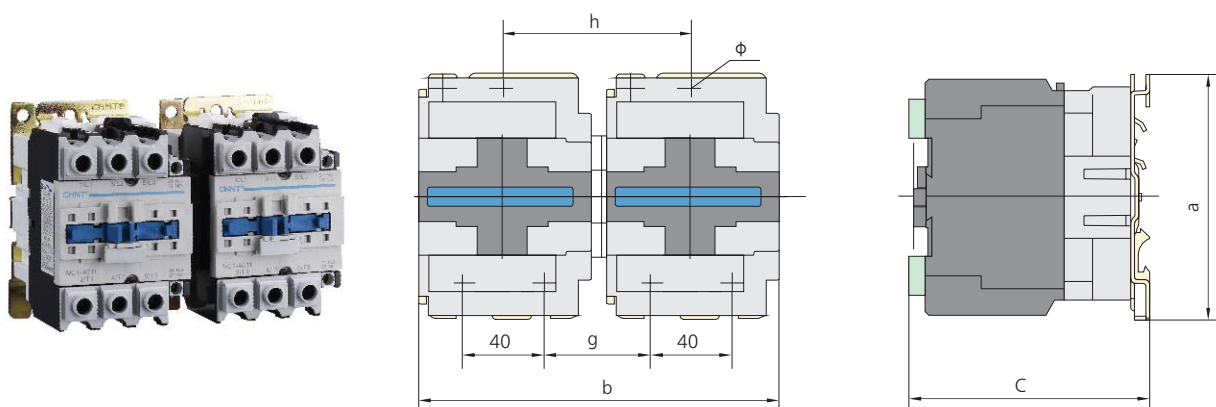
NC1-40N	NC1-50N	NC1-65N	NC1-80N	NC1-95N
Frame 4 (4P)	Frame 5 (4P)		Frame 6 (4P)	
60	80	80	95	95
18.5	24	28	37	44
9	12	14	17.3	21.3
7.5	11	15	18.5	20
7.5	11	11	15	18.5
15	15	20	25	30
20	20	25	30	30
25	30	40	40	50
25	30	40	40	50

6. Overall and mounting dimensions (mm)

NC1-09~32N



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