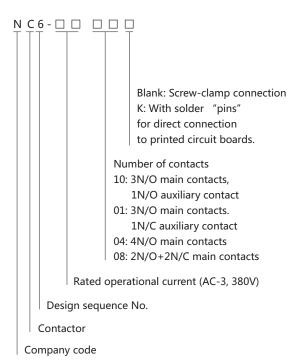


NC6 AC Contactor, 6~9A

1. General

- 1.1 Certificates: CE, VDE, UKrSEPRO, EAC, UL;
- 1.2 Electric ratings: AC50/60Hz, up to 690V, up to 9A;
- 1.3 Application: remotely makes and breaks circuit, protect circuit from overload assembling with proper thermal relay;
- 1.4 Utilization category: AC-1, AC-3, AC-4;
- 1.5 Ambient temperature: -5°C~+40°C;
- 1.6 Altitude: ≤2000m;
- 1.7 Mounting category: Ⅲ
- 1.8 Mounting conditions: inclination between mounting plane and vertical plane not exceed ±30°
- 1.9 Standard: IEC/EN 60947-4-1

2. Type designation













3. Technical data

3.1 Contactor

\star 3P contactor AC coil operation

Items		Model	NC6-06	NC6-06-K	NC6-09	NC6-09-K
					The second secon	
Rated cinventional heating current (A)	AC-1		20		20	
Rated operational	AC-3/AC-4	380/400V	6		9	
current (A)	AC-3/AC-4	660/690V	3.8		5	
	kW	220/230V	1.5		2.2	
	(AC-3)	380/400V	2.2		4	
Power of motor		660/690V	3		4	
Tower of motor		240V	2		2	
	hp	400V	3		3	
		600V	3		3	
Operating system	Electrical	AC-3	1,200		1,200	
Operating cycles (operations/h)	Electrical	AC-4	300		300	
	Mechanical		3,600 3,600			
Floatrical life (×103 amore	ations)	AC-3	1,200		1,200	
Electrical life (×10³ operations) AC-4		AC-4	25		25	
Mechanical life (×10 ⁶ operations)		10	10			
Matching fuse model		RT16-16		RT16-20		

★ 4P contactor AC operation

Items		Model	NC6-06	NC6-09
			10.1 34.2 54.3 74.4 A1	
	AC-1		20	20
Rated operational	AC 3/AC 4	380/400V	6	9
current (A)	AC-3/AC-4	660/690V	3.8	5
		220V/230V/240V	1.5	2.2
	kW	380/400V	2.2	4
D (.	(AC-3)	660/690V	3	4
Power of motor		240V	-	2
	hp	400V	-	3
		600V	-	3
	EL	AC-3	1,200	1,200
Operating cycles (operations/h)	Electrical	AC-4	300	300
(operations/11)	Mechanical		3,600	3,600
Electrical life (×10³ operations) AC-3 AC-4		1,200	1,200	
		AC-4	25	25
Mechanical life (×10 ⁶ operations)		10	10	
Matching fuse model			RT16-16	RT16-20

3.2 AC coil specifications

Items	Model	NC6-06	NC6-09	
Rated control voltage (V AC)		24, 36, 48, 110, 127, 220, 230, 380, 400		
Coil power (VA)	In-rush	30	30	
Coll power (VA)	Sealed	4.5	4.5	

4. Terminal connection

Model	Number of piece	Conductor (mm²)	Screw size	Tightening torque (N·m)
NC6-06	1	2.5	M3	0.5
NC6-09	1	2.5	M3	0.5

5. Accessories

5.1 Auxiliary contact

Model	Auxiliary contact		
	Model of assembled contact	Conventional heating current (A)	Control capacity
NC6-06 NCF6 NCF6 NCF6	NCF6-20; NCF6-02	10	AC-15: 380/400V/0.95A
	NCF6-11; NCF6-40 NCF6-31; NCF6-22 NCF6-13; NCF6-04		DC-13: 220/250V/0.15A
NGC 00	NCF6-20; NCF6-02 NCF6-31; NCF6-22 NCF6-13; NCF6-04	10	AC-15: 380/400V/0.95A
NC6-09		10	DC-13: 220/250V/0.15A

5.2 Assembly with thermal over-load relay

Model of contactor	Assembled thermal over-load relay				
	Model	Rated current (A)	Recommended fuse type		
			aM	gG	
	TOTAL WILLIAM TO THE TOTAL TOT	0.1~0.16	0.25	2	
		0.16~0.25	0.5	2	
111 312 513 13NO A1		0.25~0.4	1	2	
		0.4~0.63	1	2	
		0.63~1	2	4	
		1~1.6	2	4	
NC6 NC6		1.25~2	4	6	
0910 0 0 0 271 472 673 14NO A2		1.6~2.5	4	6	
		2.5~4	6	10	
		4~6	8	16	
NC6-09	NR2-11.5	5.5~8	12	20	
		7~10	12	20	
		9~13	16	25	

6. Overall and mounting dimensions (mm)

