



NC8 Series AC Contactor

1. General

NC8 series AC contactor is applied to circuits with AC current frequency of 50 Hz or 60 Hz, rated operational voltage up to 690 V and rated operational current up to 100 A. It is used for remote making & breaking circuits, and can also be used with proper thermal overload relay together as an electromagnetic starter to protect circuits from overload.

This product conforms to standards IEC/EN 60947-4-1.

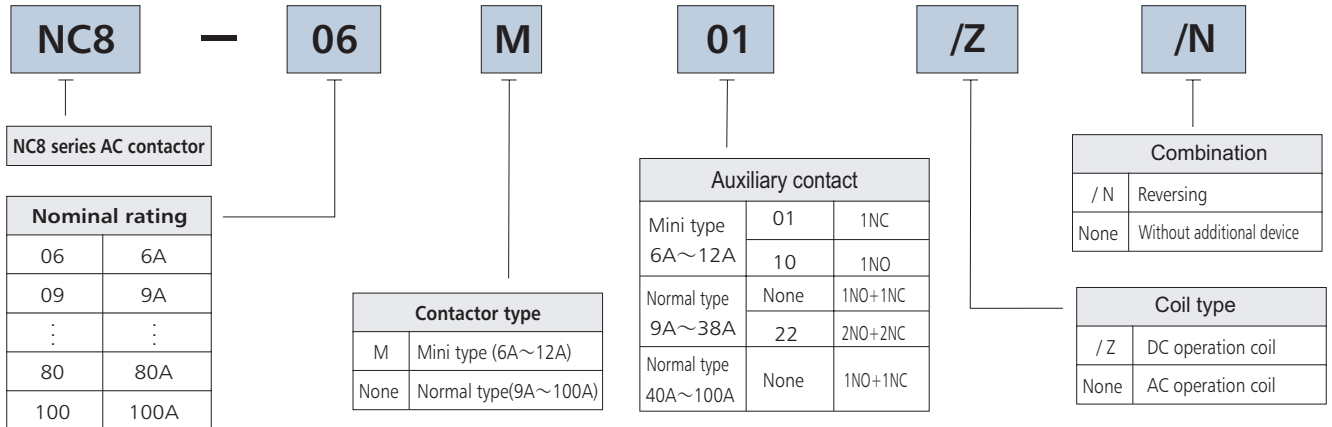
2. Normal operation conditions, mounting conditions

- 2.1 Certificates: CE,UL,KEMA;
- 2.2 Electric ratings: AC 50/60Hz, up to 690V, up to 100A;
- 2.3 Application: remotely makes and breaks circuit; protect circuit from overload assembling with proper thermal relay;
- 2.4 Utilization category: AC-1, AC-3, AC-4;
- 2.5 Mounting conditions: inclination between mounting plane and vertical plane not exceed $\pm 22.5^\circ$

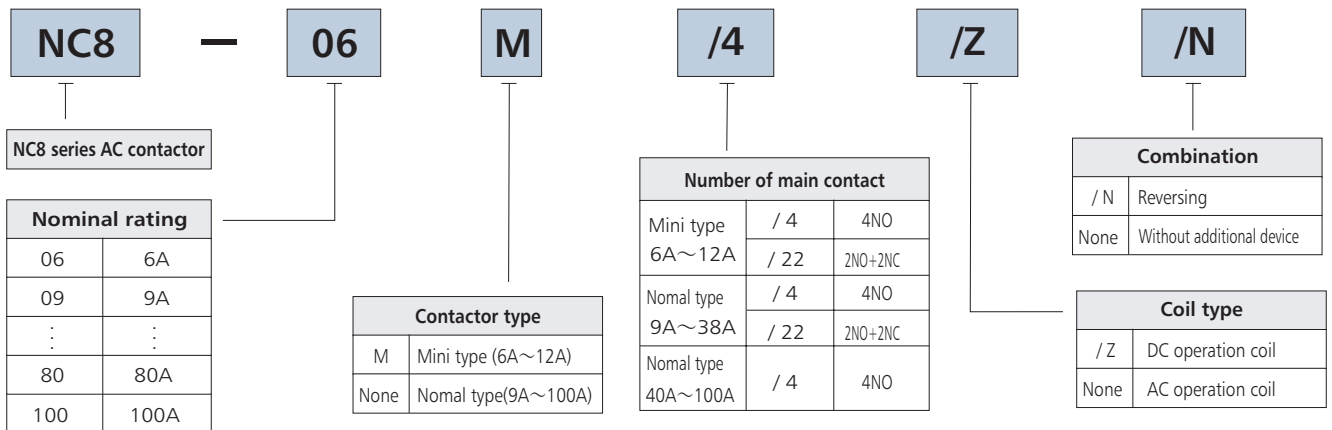


3. Type Designation

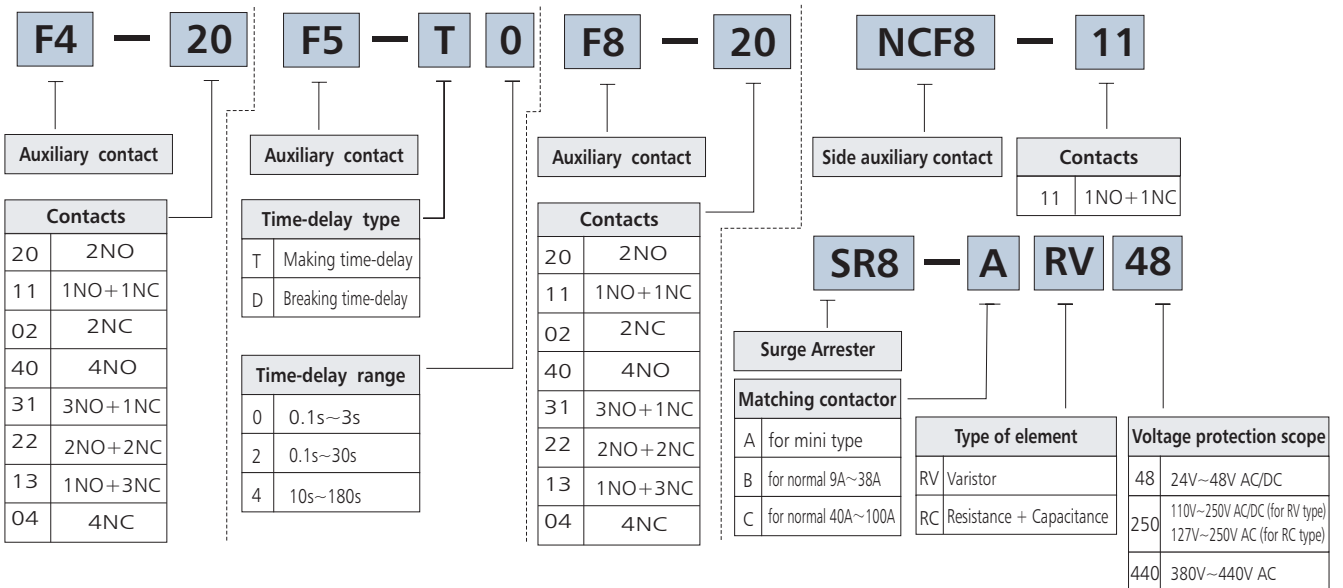
3-pole contactor



4-pole contactors



Accessories



3. Quick selection table

Frame size	9A	12A	18A	25A	32A	38A
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3-pole contactors



Auxiliary contacts	1NO+1NC	NC8-09	NC8-12	NC8-18	NC8-25	NC8-32	NC8-38
	2NO+2NC	NC8-09/22	NC8-12/22	NC8-18/22	NC8-25/22	NC8-32/22	NC8-38/22

Ratings/IEC/EN 60974-4-1		kW	A	kW	A	kW	A	kW	A	kW	A	kW	A
AC-1			25		25		32		40		50		50
	220V/230V/240V	2.2	9	4	12	4	18	5.5	25	7.5	32	9	38
AC-3	380V/400V	4	9	5.5	12	7.5	18	11	25	15	32	18.5	38
	415V	4	9	5.5	12	9	18	11	25	15	32	18.5	38
	660V/690V	5.5	6.7	7.5	9	9	10.6	15	17.3	18.5	21.9	18.5	21.9

Ratings/UL508		hp	A	hp	A	hp	A	hp	A	hp	A	hp	A
Continuous current (FLA)			25		25		32		40		50		50
Single phase	110V/120V	0.5		0.75		1		1.5		2		2	
	230V/240V	1		2		3		3		5		5	
Three phases	200V/208V	3		3		5		7.5		10		10	
	230V/240V	3		3		5		7.5		10		10	
	460V/480V	5		7.5		10		15		20		20	
	575V/600V	7.5		10		15		20		25		25	

Accessories



See page 07 for more details

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SR8-B/RC250

Frame size	40A	50A	65A	80A	100A
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3-pole contactors



Auxiliary contacts	1NO+1NC	NC8-40	NC8-50	NC8-65	NC8-80	NC8-100
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Ratings/IEC/EN 60974-4-1		kW	A	kW	A	kW	A	kW	A	kW	A
AC-1			60		80		80		125		125
AC-3	220V/230V/240V	11	40	15	50	18.5	65	22	80	25	100
	380V/400V	18.5	40	22	50	30	65	37	80	45	100
	415V	22	40	25	50	37	65	45	80	45	100
	660V/690V	30	34	33	39	37	42	45	49	45	49

Ratings/UL508		hp	A	hp	A	hp	A	hp	A	hp	A
Continuous current (FLA)			60		80		80		125		125
Single phase	110V/120V	3		5		5		7.5		10	
	230V/240V	5		7.5		10		20		20	
Three phases	200V/208V	10		15		20		30		30	
	230V/240V	10		15		20		30		30	
	460V/480V	30		40		50		60		60	
	575V/600V	30		40		50		60		60	

Accessories

See page 08 for more details



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F5



SR8-C/RC440