

NC8 Series AC Contactors

1. Scope of application

NC8-06M-1000 series AC contactors (hereinafter referred to as contactors) are mainly used for AC 50Hz (or 60Hz) with rated working voltage up to 690V. In the circuit with rated working current up to 1000ma under AC-3/415V(400/380V) usage category, they can be used for making and breaking circuits at a long distance, and can be combined with an appropriate thermal overload relay to form an electromagnetic starter for protection.

NC8-1260-2650 series AC contactors (hereinafter referred to as contactors) are mainly used for AC 50Hz (or 60Hz) with rated working voltage of 1000 V (1260 A to 1140V), and in the circuit with rated working current of 1260-2650A under AC-1/415V usage category, they are used for remote connection and disconnection of circuits.

This series of products has 12 shell frames and 30 rated currents; Including 3-pole products and 4-pole products (there are no 4-pole products above 100A), in which there are mini contactors below 12A, which can be divided into AC operation, DC operation and wide-voltage AC/DC operation, 115A-1260A are AC/DC universal coils, and 1450A-2650A are ordinary AC coils, DC control coils and wide-voltage AC/DC universal coils. It can be equipped with side hanging and top hanging auxiliary contacts, delay module, mechanical interlocking module and surge suppressor module, with complete accessories and strong derivation.

2. Type Designation

F4	□	□	F8	□	□
↑	↑	↑	↑	↑	↑
Auxiliary contact	Number of normally open auxiliary contacts	Number of normally closed auxiliary contacts	Auxiliary contact	Number of normally open auxiliary contacts	Number of normally closed auxiliary contacts
F5	□	□	NCF8	□	□
↑	↑	↑	↑	↑	↑
Air delay head	T stands for power-on delay	0 means the delay range is 0.1s~3s	Auxiliary contact	Number of normally open auxiliary contacts	Number of normally closed auxiliary contacts
	D stands for power failure delay	2 means the delay range is 0.1s~30s			
		4 indicates the delay range of 10s~180s			

	80		100		115		150		170		205		265		300		400		500	
																				
	80~100				115~170						205~300						400~500			
	NC8-80		NC8-100		NC8-115		NC8-150		NC8-170		NC8-205		NC8-265		NC8-300		NC8-400		NC8-500	
	NC8-80/Z		NC8-100/Z		NC8-115		NC8-150		NC8-170		NC8-205		NC8-265		NC8-300		NC8-400		NC8-500	
	NC8-80/W		NC8-100/W		NC8-115/W		NC8-150/W		NC8-170/W		-		-		-		-		-	
	KW	A	KW	A	KW	A	KW	A	KW	A	KW	A	KW	A	KW	A	KW	A	KW	A
	-	125	-	125	-	200	-	200	-	275	-	300	-	330	-	380	-	450	-	630
	22	80	25	100	37	115	45	150	55	170	63	205	75	265	90	300	132	400	160	500
	37	80	45	100	55	115	75	150	90	170	110	205	140	265	160	300	200	400	280	500
	45	80	45	100	59	115	80	150	100	170	110	205	140	265	160	300	200	400	280	500
	45	49	45	49	80	86	100	107	110	118	132	137	160	185	200	235	300	303	355	354
	hp	A	hp	A	hp	A	hp	A	hp	A	hp	A	hp	A	hp	A	hp	A	hp	A
	-	125	-	125	-	200	-	200	-	275	-	300	-	330	-	380	-	450	-	630
	7.5	-	10	-	10	-	15	-	15	-	15	-	20	-	25	-	30	-	40	-
	20	-	20	-	25	-	30	-	30	-	30	-	40	-	50	-	60	-	75	-
	30	-	30	-	40	-	50	-	60	-	60	-	75	-	100	-	125	-	150	-
	30	-	30	-	40	-	60	-	60	-	75	-	100	-	125	-	150	-	200	-
	60	-	60	-	100	-	125	-	150	-	150	-	200	-	250	-	300	-	400	-
	60	-	60	-	100	-	125	-	150	-	200	-	250	-	300	-	400	-	500	-



Mechanical interlocking mechanism
NCL8-A (used for NC8-09~38)



Mechanical interlocking
mechanism NCL8-B
(for NC8-40~100)



Mechanical interlocking
mechanism MI-9
(for NC8-115~170)



NCL8-C(for NC8-205~1260)

-	-	-
-	 Rated current (a) 80~160 100~200 NR8-200	 Rated current (a) 125~250 200~400 315~630 NR8-630
-	-	-