

NC2 Series AC Contactors

1. General

1.1 Certificates: NC2-115~800
CE, VDE, UKrSEPRO, EAC, RCC, UL;
1.2 Electric ratings: AC50/60Hz, up to 690V, up to 800A;
1.3 Application: remote making & breaking circuits;
protect circuit from overload when assembling with thermal over-load relay;
1.4 Ambient temperature: -5℃ ~+40℃ ;
1.5 Altitude: ≤2000m;
1.6 Mounting category: Ⅲ
1.7 Mounting conditions:inclination between the mounting plane and the vertical plane not exceed±5°
1.8 Standard: IEC/EN 60947-4-1
1.9 IP00(IP20 front face with shrouds SHD)

2. Type designation

N C 2 □□□ □ / □

- Number of poles: 4P; Blank:3P
- Derivation code:
  N: Reversing/chang-over type contactor
  (Ns: horizontal mounting;
  Nc: vertical mounting)
  Z: DC control
- Rated operational current (A), AC-3 380/400V
- Design sequence No.
- Contactor
- Company code

3. Technical data

3.1 Clearance between active and static contacts

Models	Distance between contacts
NC2-115N/150N	≥5.5mm
NC2-185N/225N	≥5.5mm
NC2-265N/330N	≥6mm
NC2-400N/500N	≥6.5mm
NC2-630N	≥7mm
NC2-800N	≥7mm

3.2 Mechanical life

a. NJLc-FF and NJLs-FF: 3×10^6 operations

b. Other model: 2×10^6 operations

(a) 3×10^6	NJLc-FF, NJLs-FF
(b) 2×10^6	NJLs-FF, NJLs-GG, NJLs-HH, NJLs-KK, NJLs-LL, NJLc-FF, NJLc-FG, NJLc-FH, NJLc-FK, NJLc-FL, NJLc-GG, NJLc-GH, NJLc-GK, NJLc-GL, NJLc-HH, NJLc-HK, NJLc-HL, NJLc-KK, NJLc-KL, NJLc-LL

3.3 Terminal connection

Model	The connection capability			Screw size	Tightening torque (Nm)
	Number of piece	Cable Cross section(mm²)	Cu busbar Cross section (mm²)		
NC2-115	1	70~95	-	M6	3
NC2-150	1	70~95	-	M8	6
NC2-185	1	95~150	-	M8	6
NC2-225	1	95~150	-	M10	10
NC2-265	1	120~185	-	M10	10
NC2-330	1	185~240	-	M10	10
NC2-400	1 (2)	240(150)	30×5	M10	10
NC2-500	2	150~185	40×5	M10	10
NC2-630	2	185~240	50×5	M12	14
NC2-800	2	185~240	50×5	M12	14

4. Technical Parameters

★ 3P contactors AC coil operation

Model			NC2-115(Z)	NC2-150(Z)	NC2-185(Z)	NC2-225(Z)
Frame			**Frame 1**		**Frame 2**	
Rated Conventional heating current(A)AC-1			200	200	275	275
Rated operational current(A)	AC-3	380/400V AC	115	150	185	225
	AC-4	660/690V AC	86	108	118	137
Power of controlled 3-phase cage motor (AC-3)	kW	380/400V AC	55	75	90	110
		660/690V AC	80	100	110	129
	hp	240V AC	40	50	60	75
		415V AC	60	75	100	125
		480V AC	75	100	100	125
		600V AC	75	100	100	125
Operating cycles (operations /h)AC-3			1,200	1,200	600	600
Electrical life ($\times 10^6$ operations)AC-3			1.2	1.2	1	1
Mechanical life ($\times 10^6$ operations)			10	10	6	6
Matched fuse	Model		RT36-1	RT36-1	RT36-2	RT36-2
type	Rated current A		250	250	315	315

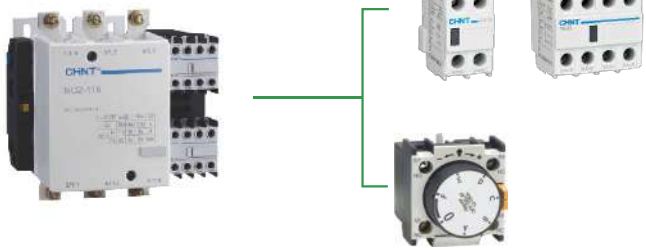
★ 4P contactors AC coil operation

Model			NC2-115/4	NC2-150/4	NC2-185/4	NC2-225/4
Frame			**Frame 1**		**Frame 1**	
Conventional heating current(A)AC-1			200	200	275	275
Rated operational current(A)	AC-3 AC-4	380/400V AC	115	150	185	225
		660/690V AC	86	108	118	137
Power of controlled 3-phase cage motor (AC-3)	kW	380/400V AC	55	75	90	110
		660/690V AC	80	100	110	129
	hp	240V AC	40	50	60	75
		415V AC	60	75	100	125
		480V AC	75	100	100	125
		600V AC	75	100	100	125
Operating cycles (operations /h)AC-3			1,200	1,200	600	600
Electrical life ($\times 10^6$ operations)AC-3			1.2	1.2	1	1
Mechanical life ($\times 10^6$ operations)			10	10	6	6
Matched fuse	Model		RT36-1	RT36-1	RT36-2	RT36-2
type	Rated current (A)		250	250	315	315

NC2-265(Z)	NC2-330(Z)	NC2-400(Z)	NC2-500	NC2-630	NC2-800	
Frame 3	**Frame 4**	**Frame 5**	**Frame 6**		**Frame 7**	
315	380	450	630	800	800	
265	330	400	500	630	AC-3	AC-4
170	235	303	353	462	800	630
					486	462
132	160	200	250	335	450	
160	220	280	335	450	475	
100	125	150	200	250	600	
150	150	200	250	350	650	
150	200	250	300	400	450	
150	200	300	350	500	475	
600	600	600	600	600	600	
0.8	0.8	0.8	0.8	0.8	0.6	
6	6	6	6	6	3	
RT36-3	RT36-3	RT36-3	RT36-4	RT36-4	RT36-4	
355	500	630	800	1000	1000	

NC2-265/4	NC2-330/4	NC2-400/4	NC2-630/4
Frame 3	**Frame 4**	**Frame 5**	**Frame 6**
315	380	450	800
265	330	400	630
170	235	303	462
132	160	200	335
160	220	280	450
100	125	150	250
150	150	200	350
150	200	250	400
150	200	300	500
600	600	600	600
0.8	0.8	0.8	0.8
6	6	6	6
RT36-3	RT36-3	RT16-3	RT36-4
355	500	630	1000

5. Accessories

Items			Model	NC2-115(Z)	NC2-150(Z)	NC2-185(Z)	NC2-225(Z)
AC coil	Coil power	AC:	In-rush (VA)	1500		1880	
			Sealed (VA)	34.2		34.2	
		DC:	In-rush (W)	1500		1880	
			Sealed (W)	15		15	
	Operation range	Operation voltage		(85%~110%) Us			
		Drop-out voltage		10%Us~75%Us			
			3P	FF XXX (DC)		FG XXX (DC)	
			4P	FF XXX		FG XXX	
Coil voltage				AC: 110-127, 220-240, 380-415 DC: 48, 110, 220			
Auxiliary contact							
F5 auxiliary contact				F4 - □ □ TNumber of N/C auxiliary contacts Number of N/O auxiliary contacts Auxiliary contact assembly		F5 - □ □ 0: time-delay range,0.1s ~ 3s 2: time-delay range,0.1s~30s 4: time-delay range,10s~180s T: On-delay; D:Off delay Time-delay Relay	

NC2-265(Z)	NC2-330(Z)	NC2-400(Z)	NC2-500(Z)	NC2-630(Z)	NC2-800(Z)
1,500	1,500	1,500	1,500	1,700	1,700
34.2	34.2	34.2	34.2	34.2	34.2
1500	1500	1800			
15	15	15			
(85%~110%) Us					
10%Us~75%Us					
FI XXX (DC)	FI XXX (DC)	FJ XXX (DC)	FK XXX	FL XXX	FM XXX
FI XXX	FI XXX	FJ XXX	-	FL XXX/4	-
AC: 110,127,220,230,380,400					AC/DC: 110-127, 220-240,
DC: 110,220(NC2-265Z/330Z/400Z)					380-415

Picture	Model	Configuration of contacts	
		Number of NO contact	Number of NC 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

Picture	Model	Time-delay range	Configuration of time-delay contacts
	F5-T0	0.1s~3s	N/O+N/C
	F5-T2	0.1s~30s	N/O+N/C
	F5-T4	10s~180s	N/O+N/C
	F5-D0	0.1s~3s	N/O+N/C
	F5-D2	0.1s~30s	N/O+N/C
	F5-D4	10s~180s	N/O+N/C

Mo del of rnech anic al interlock		Applicable assembly with contact ors			
NJLs-FF		NC2-115+NC2-115;	NC2-150+NC2-150;	NC2-115+NC2-150	
NJLs-GG		NC2-185+NC2-185;	NC2-225+NC2-225;	NC2-185+NC2-225	
NJLs-HH	(Horiz ontal)	NC2-265+NC2-265;	NC2-330+NC2-330;	NC2-265+NC2-330	
NJLs-KK		NC2-400+NC2-400;	NC2-500+NC2-500;	NC2-400+NC2-500	
NJLs-LL		NC2-630+NC2-630;	NC2-800+NC2-800		
NJLc-FF		NC2-115+NC2-115;	NC2-150+NC2-150;	NC2-115+NC2-150	
NJLc-FG		NC2-115+NC2-185;	NC2-150+NC2-185;	NC2-115+NC2-225;	NC2-150+NC2-225
NJLc-FH		NC2-115+NC2-265;	NC2-115+NC2-330;	NC2-150+NC2-265;	NC2-150+NC2-330
NJLc-FK		NC2-115+NC2-400;	NC2-115+NC2-500;	NC2-150+NC2-400;	NC2-150+NC2-500
NJLc-FL		NC2-115+NC2-800;	NC2-115+NC2-630;	NC2-150+NC2-630;	NC2-150+NC2-800
NJLc-GG		NC2-185+NC2-185;	NC2-185+NC2-225;	NC2-225+NC2-225	
NJLc-GH		NC2-185+NC2-265;	NC2-185+NC2-330;	NC2-225+NC2-265;	NC2-225+NC2-330
NJLc-GK	(Vertical)	NC2-185+NC2-400;	NC2-185+NC2-500;	NC2-225+NC2-400;	NC2-225+NC2-500
NJLc-GL		NC2-185+NC2-800;	NC2-185+NC2-630;	NC2-225+NC2-630;	NC2-225+NC2-800
NJLc-HH		NC2-265+NC2-265;	NC2-330+NC2-330;	NC2-265+NC2-330	
NJLc-HK		NC2-265+NC2-400;	NC2-330+NC2-400;	NC2-265+NC2-500;	NC2-330+NC2-500
NJLc-HL		NC2-265+NC2-630;	NC2-265+NC2-800;	NC2-330+NC2-630;	NC2-330+NC2-800
NJLc-KK		NC2-400+NC2-400;	NC2-500+NC2-500;	NC2-400+NC2-500;	
NJLc-KL		NC2-400+NC2-630;	NC2-500+NC2-630;	NC2-500+NC2-800;	NC2-400+NC2-800
NJLc-LL		NC2-630+NC2-630;	NC2-630+NC2-800;	NC2-800+NC2-800	

6. Structure features

6.1 The contactor is composed of arc-extinguishing system, contact system, base frame and magnetic system (including iron core, coil)

The contact system of the contactor is of direct action type and double-breaking points allocation.

The lower base-frame of the contactor is made of shaped aluminum alloy and the coil is of plastic enclosed structure.

The coil is assembled with the amarture to be an integrated one. They can be directly taken out from or inserted into the contactor.

It is convenient for user's service and maintenance.



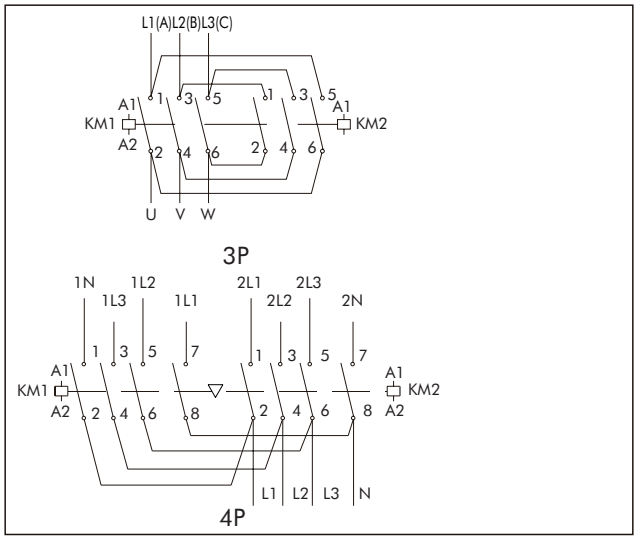
1:arc-extinguishing system 2:contact system 3:base frame 4:magnetic system

NC2 series contactor is of short arcing distance. For example,
the arcing distance of NC2-115~330 contactor is only 10mm (200~500V), which is about one sixth that of the previous contactor of the same capacity. It is an excellent complementary element used for an electric control device and it occupies smaller space in a complete set of equipment. The mechanical interlock can be added to the contactor in both horizontal direction and vertical direction. Three sets of contactor can be interlocked in the vertical direction.

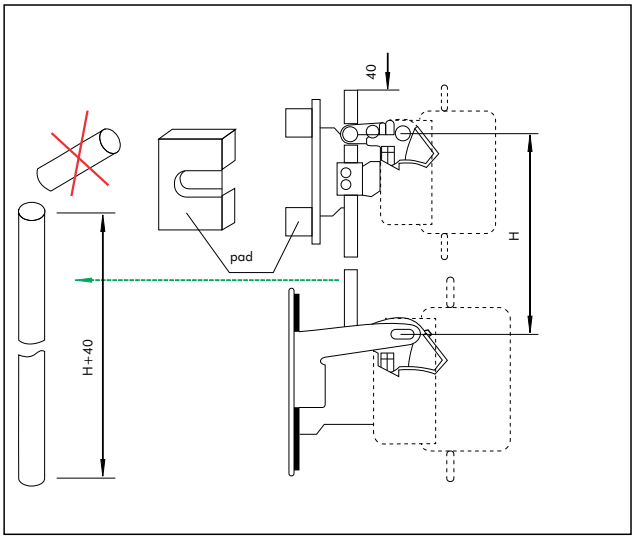
6.2 Refer to fig below for connection mode of connection plate, the interlocked contactors could be mounted horizontally or vertically. For vertical mounting, contactors with lower current mounted at the upper position.

6.3 For reversing type contactors assembled with NC2-115~225 and NC2-265~630, which will be mounted vertically, a padding plate should be added at the bottom of NC2-115~225.

Connection of connection plate

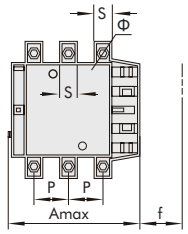


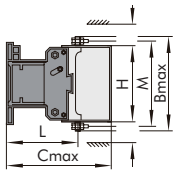
Rereising contactor mounted vertically

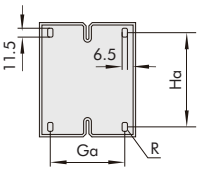


7. Overall and mounting dimensions (mm)

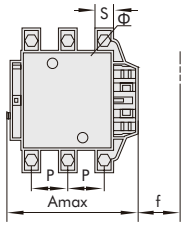
NC2-115~330

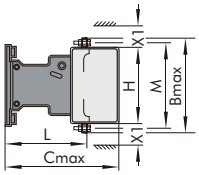


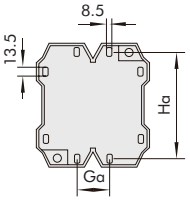




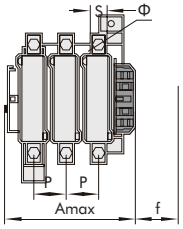
NC2-400~500

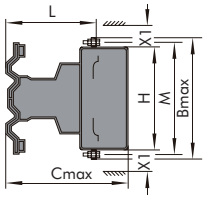


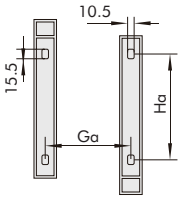




NC2-630~800





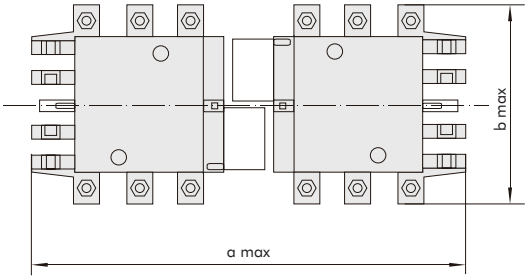


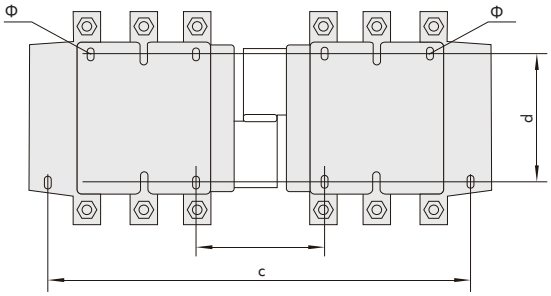
Model		A	B	C	P	S	Φ	f	M	H	L	X1 200~500V	X1 550~1000V	Ga	Ha
NC2-115	3P	168	163	172	37	20	M6	131	147	124	107	10	15	80	110~120
	4P	204	163	172	37	20	M6	131	147	124	107				
NC2-150	3P	168	171	172	40	20	M8	131	150	124	107	10	15	80	110~120
	4P	204	171	172	40	20	M8	131	150	124	107				
NC2-185	3P	171	175	183	40	20	M8	131	154	127	113.5	10	15	80	110~120
	4P	211	175	183	40	20	M8	131	154	127	113.5				
NC2-225	3P	171	198	183	48	25	M10	131	172	127	113.5	10	15	80	110~120
	4P	211	198	183	48	25	M10	131	172	127	113.5				
NC2-265	3P	202	204	215	48	25	M10	147	178	147	141	10	15	96	110~120
	4P	247	204	215	48	25	M10	147	178	147	141				
NC2-330	3P	215	208	220	48	25	M10	147	181	158	145	10	15	96	110~120
	4P	261	208	220	48	25	M10	147	181	158	145				
NC2-400	3P	215	208	220	48	25	M10	147	181	158	145	15	20	80	170~180
	4P	261	208	220	48	25	M10	147	181	158	145				
NC2-500	3P	235	238	233	55	30	M10	150	208	172	146	15	20	80	170~180
NC2-630	3P	312	305	256	80	40	M12	181	264	202	155	20	30	180	180~190
	4P	389	305	256	80	40	M12	181	264	202	155			240	
NC2-800	3P	312	305	256	80	40	M12	181	264	202	155	20	30	180	180~190

Note: a. f is the min distance needed to mount and dismount the coil.

b. X1: arcing distance is identified by operating voltage and breaking capacity.

NC2-115Ns~630Ns(Horizontal mounting)

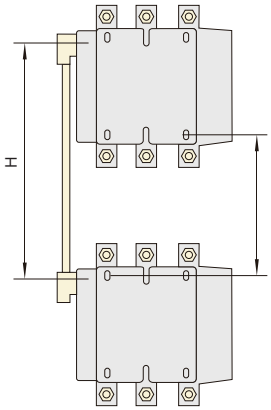




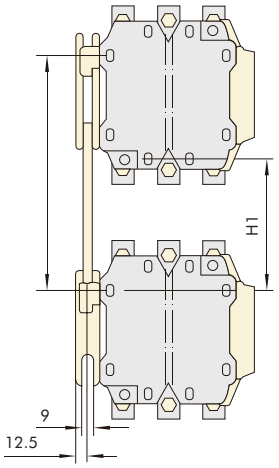
mm

Modle	pole	A max	b max	c	d	J
NC2-115Ns	3	350	163	330	110~120	71
	4	425	208	370		108
NC2-150Ns	3	350	171	330		71
	4	425	211	370		111
NC2-185Ns	3	353	174	330		78
	4	430	223	370		118
NC2-225Ns	3	353	197	330		78
	4	430	243	370		118
NC2-265Ns	3	450	203	428		109
	4	546	249	485		157
NC2-330Ns	3	450	206	428		124
	4	546	251	485		172
NC2-400Ns	3	485	206	460	170~180	157
	4	546	251	485		157
NC2-500Ns	3	485	238	460		156
NC2-630Ns	4	650	304	625	180~190	139
	3	810	364	785		139
NC2-800Ns	4	650	304	625		139

NC2-115Nc~630Nc(Vertical mounting)



a.NC2-115Nc~225Nc



b.NC2-265Nc~800Nc

Model	H		H1	
	Min	Max	Min	Max
NC2-115NC、NC2-150Nc	200	310	80	190
NC2-185NC、NC2-225Nc	220	310	100	190
NC2-265Nc	250	380	130	260
NC2-330Nc	260	380	60	200
NC2-400Nc	280	380	100	200
NC2-500Nc	300	380	120	200
NC2-630Nc	380	380	200	200
NC2-800Nc	380	380	200	200

8.Assembly with overload relay

8.1 Assembly with thermal overload relay

Model of contactor	Assembled ther malocerload relay		
	ModelR	ated current(A)	Recommended fuse type gG
NC2-115 NC2-150 NC2-185 NC2-225		80~160	315
		100~200	315
NC2-185 NC2-225 NC2-265 NC2-330 NC2-400 NC2-500 NC2-630	 NXR	125~250	800
		200~400	800
		315~630	800

NC2	-	115	Z	/	4	220V~240V
Product Series		**Rated Current (AC-3)**	**Coil Type and function**		**Main Contact**	**Control Voltage**
		115: 115A 150: 150A 185: 185A 225: 225A 265: 265A 330: 330A 400: 400A 500: 500A 630: 630A 800: 800A	Blank: standard AC coil Z: standard DC coil (115~400A only) Ns: reversing, horizontal installation		Blank: 3NO 4: 4NO	115~225A, 800A: 110V~127V: AC110V~127V 220V~240V: AC220V~240V 380V~415V: AC380V~415V 265~630A: 110V: AC110V 127V: AC127V 220V: AC220V 230V: AC230V 240V: AC240V 380V: AC380V 400V: AC400V 415V: AC415V 115~400A: DC48V: DC48V DC110V: DC110V DC220V: DC220V

NC2 Contactor 115~800A

AC-3 Current	Main Contacts	Auxiliary Contacts	Coil	Model Description	Code
115A	3NO	-	AC 110V-127V	NC2-115 110V-127V	236683
115A	3NO	-	AC 220V-240V	NC2-115 220V-240V	671433
115A	3NO	-	AC 380V-415V	NC2-115 380V-415V	671690
115A	3NO	-	AC 110V-127V	NC2-115Ns 110V-127V	235657
115A	3NO	-	AC 220V-240V	NC2-115Ns 220V-240V	235661
115A	3NO	-	AC 380V-415V	NC2-115Ns 380V-415V	235667
115A	3NO	-	DC 220V	NC2-115Z 220V	237030
115A	3NO	-	DC 110V	NC2-115Z 110V	237031
115A	3NO	-	DC 48V	NC2-115Z 48V	237032
115A	4NO	-	AC 110V-127V	NC2-115/4 110V-127V	237023
115A	4NO	-	AC 220V-240V	NC2-115/4 220V-240V	671434
115A	4NO	-	AC 380V-415V	NC2-115/4 380V-415V	671694
115A	4NO	-	AC 110V-127V	NC2-115Ns/4 110V-127V	235697
115A	4NO	-	AC 220V-240V	NC2-115Ns/4 220V-240V	235701
115A	4NO	-	AC 380V-415V	NC2-115Ns/4 380V-415V	235707
150A	3NO	-	AC 110V-127V	NC2-150 110V-127V	236579
150A	3NO	-	AC 220V-240V	NC2-150 220V-240V	671398
150A	3NO	-	AC 380V-415V	NC2-150 380V-415V	671691
150A	3NO	-	AC 110V-127V	NC2-150Ns 110V-127V	235738
150A	3NO	-	AC 220V-240V	NC2-150Ns 220V-240V	235742
150A	3NO	-	AC 380V-415V	NC2-150Ns 380V-415V	235748
150A	3NO	-	DC 220V	NC2-150Z 220V	237033
150A	3NO	-	DC 110V	NC2-150Z 110V	237034
150A	3NO	-	DC 48V	NC2-150Z 48V	237035
150A	4NO	-	AC 110V-127V	NC2-150/4 110V-127V	236745
150A	4NO	-	AC 220V-240V	NC2-150/4 220V-240V	671399
150A	4NO	-	AC 380V-415V	NC2-150/4 380V-415V	671695
150A	4NO	-	AC 110V-127V	NC2-150Ns/4 110V-127V	235778
150A	4NO	-	AC 220V-240V	NC2-150Ns/4 220V-240V	235782
150A	4NO	-	AC 380V-415V	NC2-150Ns/4 380V-415V	235788

AC-3 Current	Main Contacts	Auxiliary Contacts	Coil	Model Description	Code
185A	3NO	-	AC 110V-127V	NC2-185 110V-127V	236580
185A	3NO	-	AC 220V-240V	NC2-185 220V-240V	671435
185A	3NO	-	AC 380V-415V	NC2-185 380V-415V	671692
185A	3NO	-	AC 110V-127V	NC2-185Ns 110V-127V	235820
185A	3NO	-	AC 220V-240V	NC2-185Ns 220V-240V	235824
185A	3NO	-	AC 380V-415V	NC2-185Ns 380V-415V	235830
185A	3NO	-	DC 220V	NC2-185Z 220V	237036
185A	3NO	-	DC 110V	NC2-185Z 110V	237037
185A	3NO	-	DC 48V	NC2-185Z 48V	237038
185A	4NO	-	AC 110V-127V	NC2-185/4 110V-127V	236994
185A	4NO	-	AC 220V-240V	NC2-185/4 220V-240V	671436
185A	4NO	-	AC 380V-415V	NC2-185/4 380V-415V	671696
185A	4NO	-	AC 110V-127V	NC2-185Ns/4 110V-127V	235860
185A	4NO	-	AC 220V-240V	NC2-185Ns/4 220V-240V	235864
185A	4NO	-	AC 380V-415V	NC2-185Ns/4 380V-415V	235870
225A	3NO	-	AC 110V-127V	NC2-225 110V-127V	236978
225A	3NO	-	AC 220V-240V	NC2-225 220V-240V	671400
225A	3NO	-	AC 380V-415V	NC2-225 380V-415V	671693
225A	3NO	-	AC 110V-127V	NC2-225Ns 110V-127V	235904
225A	3NO	-	AC 220V-240V	NC2-225Ns 220V-240V	235908
225A	3NO	-	AC 380V-415V	NC2-225Ns 380V-415V	235914
225A	3NO	-	DC 220V	NC2-225Z 220V	237039
225A	3NO	-	DC 110V	NC2-225Z 110V	237040
225A	3NO	-	DC 48V	NC2-225Z 48V	237041
225A	4NO	-	AC 110V-127V	NC2-225/4 110V-127V	236984
225A	4NO	-	AC 220V-240V	NC2-225/4 220V-240V	671401
225A	4NO	-	AC 380V-415V	NC2-225/4 380V-415V	671697
225A	4NO	-	AC 110V-127V	NC2-225Ns/4 110V-127V	235944
225A	4NO	-	AC 220V-240V	NC2-225Ns/4 220V-240V	235948
225A	4NO	-	AC 380V-415V	NC2-225Ns/4 380V-415V	235954

AC-3 Current	Main Contacts	Auxiliary Contacts	Coil	Model Description	Code
265A	3NO	-	AC 400V	NC2-265 400V	236582
265A	3NO	-	AC 240V	NC2-265 240V	236716
265A	3NO	-	AC 220V	NC2-265 220V	236732
265A	3NO	-	AC 110V	NC2-265 110V	237026
265A	3NO	-	AC 127V	NC2-265 127V	237070
265A	3NO	-	AC 415V	NC2-265 415V	237071
265A	3NO	-	AC 230V	NC2-265 230V	671402
265A	3NO	-	AC 380V	NC2-265 380V	671426
265A	3NO	-	AC 110V	NC2-265Ns 110V	235986
265A	3NO	-	AC 127V	NC2-265Ns 127V	235988
265A	3NO	-	AC 220V	NC2-265Ns 220V	235990
265A	3NO	-	AC 230V	NC2-265Ns 230V	235992
265A	3NO	-	AC 240V	NC2-265Ns 240V	235994
265A	3NO	-	AC 380V	NC2-265Ns 380V	235996
265A	3NO	-	AC 400V	NC2-265Ns 400V	235998
265A	3NO	-	AC 415V	NC2-265Ns 415V	236000
265A	3NO	-	DC 220V	NC2-265Z 220V	671392
265A	3NO	-	DC 110V	NC2-265Z 110V	671393
265A	4NO	-	AC 127V	NC2-265/4 127V	236008
265A	4NO	-	AC 400V	NC2-265/4 400V	236589
265A	4NO	-	AC 240V	NC2-265/4 240V	236728
265A	4NO	-	AC 110V	NC2-265/4 110V	236996
265A	4NO	-	AC 415V	NC2-265/4 415V	237020
265A	4NO	-	AC 120V	NC2-265/4 120V	237052
265A	4NO	-	AC 230V	NC2-265/4 230V	671403
265A	4NO	-	AC 380V	NC2-265/4 380V	671427
265A	4NO	-	AC 110V	NC2-265Ns/4 110V	236026
265A	4NO	-	AC 127V	NC2-265Ns/4 127V	236028
265A	4NO	-	AC 220V	NC2-265Ns/4 220V	236030
265A	4NO	-	AC 230V	NC2-265Ns/4 230V	236032
265A	4NO	-	AC 240V	NC2-265Ns/4 240V	236034
265A	4NO	-	AC 380V	NC2-265Ns/4 380V	236036
265A	4NO	-	AC 400V	NC2-265Ns/4 400V	236038
265A	4NO	-	AC 415V	NC2-265Ns/4 415V	236040

AC-3 Current	Main Contacts	Auxiliary Contacts	Coil	Model Description	Code
330A	3NO	-	AC 110V	NC2-330 110V	236046
330A	3NO	-	AC 127V	NC2-330 127V	236052
330A	3NO	-	AC 220V	NC2-330 220V	236055
330A	3NO	-	AC 230V	NC2-330 230V	236058
330A	3NO	-	AC 240V	NC2-330 240V	236061
330A	3NO	-	AC 380V	NC2-330 380V	236064
330A	3NO	-	AC 400V	NC2-330 400V	236067
330A	3NO	-	AC 415V	NC2-330 415V	236070
330A	3NO	-	AC 110V	NC2-330Ns 110V	236073
330A	3NO	-	AC 127V	NC2-330Ns 127V	236076
330A	3NO	-	AC 220V	NC2-330Ns 220V	236079
330A	3NO	-	AC 230V	NC2-330Ns 230V	236082
330A	3NO	-	AC 240V	NC2-330Ns 240V	236085
330A	3NO	-	AC 380V	NC2-330Ns 380V	236088
330A	3NO	-	AC 400V	NC2-330Ns 400V	236091
330A	3NO	-	AC 415V	NC2-330Ns 415V	236094
330A	3NO	-	DC 220V	NC2-330Z 220V	671394
330A	3NO	-	DC 110V	NC2-330Z 110V	671395
330A	4NO	-	AC 110V	NC2-330/4 110V	236097
330A	4NO	-	AC 127V	NC2-330/4 127V	236100
330A	4NO	-	AC 220V	NC2-330/4 220V	236103
330A	4NO	-	AC 230V	NC2-330/4 230V	236106
330A	4NO	-	AC 240V	NC2-330/4 240V	236109
330A	4NO	-	AC 380V	NC2-330/4 380V	236112
330A	4NO	-	AC 400V	NC2-330/4 400V	236115
330A	4NO	-	AC 415V	NC2-330/4 415V	236118
330A	4NO	-	AC 110V	NC2-330Ns/4 110V	236121
330A	4NO	-	AC 127V	NC2-330Ns/4 127V	236124
330A	4NO	-	AC 220V	NC2-330Ns/4 220V	236127
330A	4NO	-	AC 230V	NC2-330Ns/4 230V	236130
330A	4NO	-	AC 240V	NC2-330Ns/4 240V	236133
330A	4NO	-	AC 380V	NC2-330Ns/4 380V	236136
330A	4NO	-	AC 400V	NC2-330Ns/4 400V	236139
330A	4NO	-	AC 415V	NC2-330Ns/4 415V	236142

AC-3 Current	Main Contacts	Auxiliary Contacts	Coil	Model Description	Code
400A	3NO	-	AC 110V	NC2-400 110V	236145
400A	3NO	-	AC 127V	NC2-400 127V	236151
400A	3NO	-	AC 220V	NC2-400 220V	236154
400A	3NO	-	AC 230V	NC2-400 230V	236157
400A	3NO	-	AC 240V	NC2-400 240V	236160
400A	3NO	-	AC 380V	NC2-400 380V	236163
400A	3NO	-	AC 400V	NC2-400 400V	236166
400A	3NO	-	AC 415V	NC2-400 415V	236169
400A	3NO	-	AC 110V	NC2-400Ns 110V	236173
400A	3NO	-	AC 127V	NC2-400Ns 127V	236176
400A	3NO	-	AC 220V	NC2-400Ns 220V	236179
400A	3NO	-	AC 230V	NC2-400Ns 230V	236182
400A	3NO	-	AC 240V	NC2-400Ns 240V	236185
400A	3NO	-	AC 380V	NC2-400Ns 380V	236188
400A	3NO	-	AC 400V	NC2-400Ns 400V	236191
400A	3NO	-	AC 415V	NC2-400Ns 415V	236194
400A	3NO	-	DC 220V	NC2-400Z 220V	671396
400A	3NO	-	DC 110V	NC2-400Z 110V	671397
400A	4NO	-	AC 110V	NC2-400/4 110V	236197
400A	4NO	-	AC 127V	NC2-400/4 127V	236200
400A	4NO	-	AC 220V	NC2-400/4 220V	236203
400A	4NO	-	AC 230V	NC2-400/4 230V	236206
400A	4NO	-	AC 240V	NC2-400/4 240V	236209
400A	4NO	-	AC 380V	NC2-400/4 380V	236212
400A	4NO	-	AC 400V	NC2-400/4 400V	236215
400A	4NO	-	AC 415V	NC2-400/4 415V	236218
400A	4NO	-	AC 110V	NC2-400Ns/4 110V	236221
400A	4NO	-	AC 127V	NC2-400Ns/4 127V	236224
400A	4NO	-	AC 220V	NC2-400Ns/4 220V	236227
400A	4NO	-	AC 230V	NC2-400Ns/4 230V	236230
400A	4NO	-	AC 240V	NC2-400Ns/4 240V	236233
400A	4NO	-	AC 380V	NC2-400Ns/4 380V	236236
400A	4NO	-	AC 400V	NC2-400Ns/4 400V	236239
400A	4NO	-	AC 415V	NC2-400Ns/4 415V	236242

AC-3 Current	Main Contacts	Auxiliary Contacts	Coil	Model Description	Code
500A	3NO	-	AC 110V	NC2-500 110V	236245
500A	3NO	-	AC 127V	NC2-500 127V	236251
500A	3NO	-	AC 220V	NC2-500 220V	236254
500A	3NO	-	AC 240V	NC2-500 240V	236259
500A	3NO	-	AC 380V	NC2-500 380V	236262
500A	3NO	-	AC 400V	NC2-500 400V	236265
500A	3NO	-	AC 415V	NC2-500 415V	236268
500A	3NO	-	AC 230V	NC2-500 230V	236583
500A	3NO	-	AC 110V	NC2-500Ns 110V	236271
500A	3NO	-	AC 127V	NC2-500Ns 127V	236274
500A	3NO	-	AC 220V	NC2-500Ns 220V	236277
500A	3NO	-	AC 230V	NC2-500Ns 230V	236280
500A	3NO	-	AC 240V	NC2-500Ns 240V	236283
500A	3NO	-	AC 380V	NC2-500Ns 380V	236286
500A	3NO	-	AC 400V	NC2-500Ns 400V	236289
500A	3NO	-	AC 415V	NC2-500Ns 415V	236292

AC-3 Current	Main Contacts	Auxiliary Contacts	Coil	Model Description	Code
630A	3NO	-	AC 110V	NC2-630 110V	236295
630A	3NO	-	AC 127V	NC2-630 127V	236301
630A	3NO	-	AC 220V	NC2-630 220V	236304
630A	3NO	-	AC 230V	NC2-630 230V	236307
630A	3NO	-	AC 240V	NC2-630 240V	236310
630A	3NO	-	AC 380V	NC2-630 380V	236313
630A	3NO	-	AC 400V	NC2-630 400V	236316
630A	3NO	-	AC 415V	NC2-630 415V	236319
630A	3NO	-	AC 110V	NC2-630Ns 110V	236322
630A	3NO	-	AC 127V	NC2-630Ns 127V	236325
630A	3NO	-	AC 220V	NC2-630Ns 220V	236328
630A	3NO	-	AC 230V	NC2-630Ns 230V	236331
630A	3NO	-	AC 240V	NC2-630Ns 240V	236334
630A	3NO	-	AC 380V	NC2-630Ns 380V	236337
630A	3NO	-	AC 400V	NC2-630Ns 400V	236340
630A	3NO	-	AC 415V	NC2-630Ns 415V	236343
630A	4NO	-	AC 110V	NC2-630/4 110V	236346
630A	4NO	-	AC 127V	NC2-630/4 127V	236349
630A	4NO	-	AC 220V	NC2-630/4 220V	236352
630A	4NO	-	AC 230V	NC2-630/4 230V	236355
630A	4NO	-	AC 240V	NC2-630/4 240V	236358
630A	4NO	-	AC 380V	NC2-630/4 380V	236361
630A	4NO	-	AC 400V	NC2-630/4 400V	236364
630A	4NO	-	AC 415V	NC2-630/4 415V	236367
630A	4NO	-	AC 110V	NC2-630Ns/4 110V	236370
630A	4NO	-	AC 127V	NC2-630Ns/4 127V	236373
630A	4NO	-	AC 220V	NC2-630Ns/4 220V	236376
630A	4NO	-	AC 230V	NC2-630Ns/4 230V	236379
630A	4NO	-	AC 240V	NC2-630Ns/4 240V	236382
630A	4NO	-	AC 380V	NC2-630Ns/4 380V	236385
630A	4NO	-	AC 400V	NC2-630Ns/4 400V	236388
630A	4NO	-	AC 415V	NC2-630Ns/4 415V	236391
800A	3NO	-	AC 110V-127V	NC2-800 110V-127V	236704
800A	3NO	-	AC 380V-415V	NC2-800 380V-415V	236710
800A	3NO	-	AC 220V-240V	NC2-800 220V-240V	254405
800A	3NO	-	AC 110V-127V	NC2-800Ns 110V-127V	671387
800A	3NO	-	AC 220V-240V	NC2-800Ns 220V-240V	671388
800A	3NO	-	AC 380V-415V	NC2-800Ns 380V-415V	671389