

Product Selection

Three-Pole Contactors

**NEMA Size 00
CN55AN3AB**



**NEMA Size 0
CN15BN3AB**



**NEMA Size 3
CN15KN3A**



Type CN15/CN55 NEMA Contactors—Non-Reversing and Reversing

NEMA Size	Continuous Ampere Rating	Maximum UL Horsepower ^①						Non-Reversing Catalog Number	Reversing Catalog Number
		Single-Phase		Three-Phase		480V	600V		
		115V	230V	208V	240V				
00	9	1/3	1	1-1/2	1-1/2	2	2	CN15AN3_B	CN55AN3_B
0	18	1	2	3	3	5	5	CN15BN3_B	CN55BN3_B
1	27	2	3	7-1/2	7-1/2	10	10	CN15DN3_B	CN55DN3_B
2	45	3	7-1/2	10	15	25	25	CN15GN3_B	CN55GN3_B
3	90			25	30	50	50	CN15KN3_	CN55KN3_
4	135			40	50	100	100	CN15NN3_	CN55NN3_
5	270			75	100	200	200	CN15SN3_	CN55SN3_
6	540			150	200	400	400	CN15TN3_B	CN55TN3_B
7	810			200	300	600	600	CN15UN3_	CN55UN3_
8 ^②	1215			400	450	900	900	CN15VN3_	CN55VN3_

Magnet Coils—AC and DC

Contactors listed in this section also have a 50 Hz rating as shown in the adjacent table. Select required contactor by catalog number and replace the magnet coil alpha

designation in the catalog number () with the proper code suffix from the table.

For Sizes 00–2, the magnet coil alpha designation will be the next to the last digit of the listed catalog number.

EXAMPLE: For a 380V, 50 Hz coil, change CN15AN3_B to CN15AN3LB. For all other sizes, the magnet coil alpha designation will be the last digit of the listed catalog number.

For **DC Magnet Coils**, see Accessories, **Pages V5-T2-28 and V5-T2-29**.

AC Suffix

Coil Volts and Hertz	Code Suffix
120/60 or 110/50	A
240/60 or 220/50	B
480/60 or 440/50	C
600/60 or 550/50	D
208/60	E
277/60	H
208–240/60 ^③	J
240/50	K

Coil Volts and Hertz	Code Suffix
380–415/50	L
550/50	N
24/60, 24/50 ^④	T
24/50	U
32/50	V
48/60	W
48/50	Y

Notes

- ① Maximum horsepower rating of starters for 380V 50 Hz applications:

NEMA Size	00	0	1	2	3	4	5	6	7	8
Horsepower	1-1/2	5	10	25	50	75	150	300	600	900

- ② Common control. For separate 120V control, insert letter **D** in 7th position of listed catalog number. Example: CN15VND3C.
- ③ NEMA Sizes 00 and 0 only.
- ④ NEMA Sizes 00 and 0 only. Sizes 1–8 are 24/60 only.

2.1

NEMA Contactors and Starters

Freedom Series

Two-, Four- and Five-Pole Contactors

2

NEMA Size 2
Five-Pole Contactor
CN15GN5AB



Type CN15 NEMA Contactors—Non-Reversing

NEMA Size	Continuous Ampere Rating	Maximum UL Horsepower		Three-Phase				Two-Pole Non-Reversing	Four-Pole Non-Reversing	Five-Pole Non-Reversing
		115V	230V	208V	240V	480V	600V	Catalog Number	Catalog Number	Catalog Number
00	9	1/3	1	1-1/2	1-1/2	2	2	CN15AN2_B	CN15AN4_B	—
0	18	1	2	2	3	5	5	CN15BN2_B	—	—
1	27	2	3	7-1/2	7-1/2	10	10	CN15DN2_B	CN15DN4_B	CN15DN5_B
2	45	3	7-1/2	10	15	25	25	CN15GN2_B	CN15GN4_B	CN15GN5_B
3	90			25	30	50	50	CN15KN2_	—	—
4	135			40	50	100	100	CN15NN2_	—	—
5	270			75	100	200	200	CN15SN2_	—	—
6	540			150	200	400	400	CN15TN2_B	—	—

Magnet Coils—AC and DC

Select required starter by catalog number and replace the magnet coil alpha designation in the catalog number () with the proper code suffix from the table.

For Sizes 00–2, the magnet coil alpha designation will be the next to the last digit of the listed catalog number. EXAMPLE: For a 380V, 50 Hz coil, change CN15BN3_B

to CN15BN3LB. For all other sizes, the magnet coil alpha designation will be the last digit of the listed catalog number.

For **DC Magnet Coils**, see Accessories, **Pages V5-T2-28 and V5-T2-29**.

AC Suffix

Coil Volts and Hertz	Code Suffix
120/60 or 110/50	A
240/60 or 220/50	B
480/60 or 440/50	C
600/60 or 550/50	D
208/60	E
277/60	H
208–240/60 ①	J
240/50	K

Coil Volts and Hertz	Code Suffix
380–415/50	L
550/50	N
24/60, 24/50 ②	T
24/50	U
32/50	V
48/60	W
48/50	Y

Kits and Accessories

- Auxiliary contacts, contactor mounted—**Pages V5-T2-25 to V5-T2-27**
- Transient suppressor, for magnet coil—**Page V5-T2-24**
- Timers—solid-state and pneumatic, mount on contactor—**Page V5-T2-22**

Publication Numbers

- See **Page V5-T2-30**

Renewal Parts

Notes

- ① NEMA Sizes 00 and 0 only.
- ② NEMA Sizes 00 and 0 only. Sizes 1–8 are 24/60 only.