

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

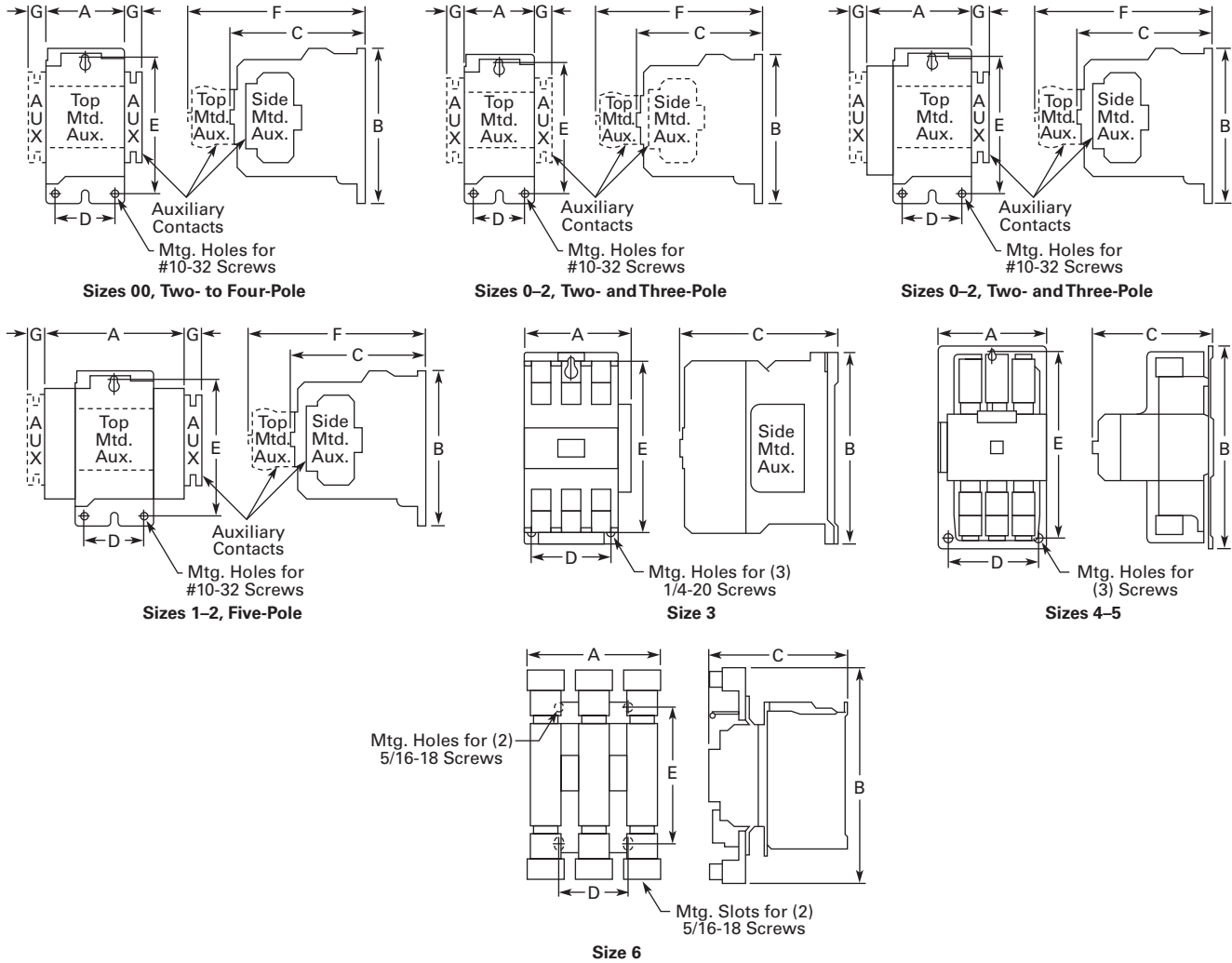
Freedom Series

Dimensions

Approximate Dimensions in Inches (mm)

2

Non-Reversing Contactors—Open Type



Dimensions and Shipping Weights

NEMA Size	Number of Poles	Wide A	High B	Deep C	Mounting D	Mounting E	F	G	Shipping Weight Lbs (kg)
00	2-4	1.75 (44.5)	3.88 (98.6)	3.49 (88.6)	1.50 (38.1) ①	3.38 (85.9)	4.62 (117.3)	0.54 (13.7)	1.7 (0.7)
0	2-3	1.75 (44.5)	3.88 (98.6)	3.49 (88.6)	1.50 (38.1) ①	3.38 (85.9)	4.62 (117.3)	0.54 (13.7)	1.8 (0.8)
1-2	2-3	2.56 (65.0)	5.05 (128.3)	4.44 (112.8)	2.00 (50.8) ①	4.50 (114.3)	5.80 (147.3)	0.54 (13.7)	3.1 (1.4)
1-2	4	3.44 (87.4)	5.05 (128.3)	4.44 (112.8)	2.00 (50.8) ①	4.50 (114.3)	5.80 (147.3)	0.54 (13.7)	3.6 (1.6)
1-2	5	4.32 (109.7)	5.05 (128.3)	4.44 (112.8)	2.00 (50.8) ①	4.50 (114.3)	5.80 (147.3)	0.54 (13.7)	4.0 (1.8)
3	2-3	4.08 (103.6)	7.17 (182.1)	5.94 (150.9)	3.00 (76.2)	6.63 (168.4)	—	—	8.5 (3.9)
4	2-3	7.05 (179.1)	9.11 (231.4)	7.25 (184.2)	6.00 (152.4)	8.50 (215.9)	—	—	20.0 (9.1)
5	2-3	7.05 (179.1)	13.12 (333.2)	7.78 (197.6)	6.00 (152.4)	12.50 (317.5)	—	—	23.0 (10.4)
6	3	8.63 (219.2)	13.54 (343.9)	8.88 (225.6)	4.33 (110.0)	8.63 (219.2)	—	—	35.0 (15.9)
7	3	11.02 (279.9)	19.30 (490.2)	11.46 (291.1)	6.89 (175.0)	11.02 (279.9)	—	—	100.0 (45.4)
8	3	13.00 (330.2)	24.50 (622.3)	13.63 (346.2)	4.22 (107.2)	14.86 (377.4)	—	—	160.0 (72.6)

Note

① Center mounting slot at bottom supplied only on Size 00 and 0 contactors.