

Auxiliary Contacts

Contact Configuration Code

This two-digit code is found on the auxiliary contact to assist in identifying the specific contact configuration. The first digit indicates the quantity of NO contacts and the second indicates the quantity of NC contacts.

NEMA Sizes 00 – 2 — IEC Sizes A – K

The auxiliary contacts listed below are designed for installation on Freedom Series starters and contactors. Snap-on design facilitates quick, easy installation.

These bifurcated design contact blocks, featuring silver cadmium alloy contacts, are well suited for use in very low energy (logic level) circuits.



Side Mounted



Top Mounted

Table 33-132. Product Selection

Description	Contact Configuration Code ①	Catalog Number	Price U.S. \$
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Side Mounted

1NO 1NC	10 01	C320KGS1 C320KGS2	
1NO-1NC 2NO 2NC 1NO-1NCI 1NO (EC)-1NC (LO) 1NCI	11 20 02 N/A N/A N/A	C320KGS3 C320KGS4 C320KGS5 C320KGS6 C320KGS7 C320KGS8	

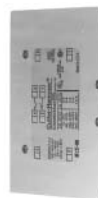
Top Mounted

1NO 1NC	10 01	C320KGT1 C320KGT2	
1NO-1NC 2NO 2NC 1NO-1NCI 1NO (EC)-1NC (LO) 1NCI	11 20 02 N/A N/A N/A	C320KGT3 C320KGT4 C320KGT5 C320KGT6 C320KGT7 C320KGT8	
3NO 2NO-1NC 1NO-2NC 3NC 4NO	30 21 12 03 40	C320KGT9 C320KGT10 C320KGT11 C320KGT12 C320KGT13	
3NO-1NC 2NO-2NC 1NO-3NC 4NC 3NO-1NCI	31 22 13 04 N/A	C320KGT14 C320KGT15 C320KGT16 C320KGT17 C320KGT18	
2NO-1NCI-1NC 2NO-1NO (EC)-1NC (LO) 1NO-1NC-1NO (EC)-1NC (LO)	N/A N/A N/A	C320KGT19 C320KGT20 C320KGT21	

Note: NCI = Normally Closed early opening designed for use in reversing applications. EC = Early Closing. LO = Late Opening.

① For reference only — not part of Catalog Number. See above.

NEMA Sizes 3 – 8 — IEC Sizes L – Z



Base
Auxiliary
Contact
Cat. No.
C320KGS42



Auxiliary
Contact
Cat. No.
C320KGS22

Table 33-133. Product Selection

Circuit	Contact Configuration Code ②	Catalog Number	Price U.S. \$
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Base Auxiliary Contacts — NEMA Sizes 3 – 5, IEC Sizes L – S

		NEMA Size 3 IEC Sizes L – N	NEMA Sizes 4 – 5 IEC Sizes P – S	
NO NO-NC	10 11	C320KGS31 C320KGS32	C320KGS41 C320KGS42	

Auxiliary Contacts — NEMA Sizes 3 – 5, IEC Sizes L – S

		Catalog Number	
NO NC NO-NC ③	10 01 11	C320KGS20 C320KGS21 C320KGS22	

Auxiliary Contacts, Sealed Logic Level — NEMA Sizes 3 – 5, IEC Sizes L – S

		Catalog Number	
NO NC NO-NC ④	10 01 11	C320KGS20L C320KGS21L C320KGS22L	

Auxiliary Contacts — NEMA Sizes 6 – 8, IEC Sizes T – Z

		Size	Catalog Number	
NO-NC 2NO-2NC 2NO-2NC	11 22 22	NEMA 8, IEC Z NEMA 6 – 7 IEC T – X	C320KA5 C320KA6 C320KA8	

② For reference only — not part of Catalog Number. See above left.

③ NO-NC occupies two positions — L2 and L3, or R2 and R3.

See Figure 33-30 on Page 33-87.

④ Form C contacts.

Auxiliary Contact Ratings (Amperes)

Table 33-134. Ratings — NEMA A600

Current	AC Volts			
	120V	240V	480V	600V
Make and Interrupting	60	30	15	12
Break	6	3	1.5	1
Continuous	10	10	10	10

Table 33-135. Ratings — NEMA P300

Continuous Thermal Rating: 5A	
DC Volts	Make/Break Amperes
125	1.10
250	.55

Table 33-136. Ratings — Logic Level

Minimum Ratings for Logic Level and Hostile Atmosphere Application	
Minimum Amperes	20 mA
Minimum Volts	24V AC/DC

Table 33-137. Ratings C320KGS20L, C320KGS21L, C320KGS22L

DC-12		AC-12	
Ue	Ie	Ue	Ie
80	0.1	250	0.1

Discount Symbol 1CD1C