

# 2.1

## NEMA Contactors and Starters

Freedom Series

2

### NEMA Sizes 3–8—IEC Sizes L–Z

C320KGS42



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

Circuit	Contact Configuration Code <sup>1</sup>	NEMA Size 3 IEC Sizes L–N Catalog Number	NEMA Sizes 4–5 IEC Sizes P–S Catalog Number
NO	10	C320KGS31	C320KGS41
NO-NC	11	C320KGS32	C320KGS42

C320KGS22



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

Circuit	Contact Configuration Code <sup>1</sup>	Catalog Number
NO	10	C320KGS20
NC	01	C320KGS21
NO-NC <sup>2</sup>	11	C320KGS22

#### Sealed Logic Level

Circuit	Contact Configuration Code <sup>1</sup>	Catalog Number
NO	10	C320KGS20L
NC	01	C320KGS21L
NO-NC <sup>3</sup>	11	C320KGS22L

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

Circuit	Contact Configuration Code <sup>1</sup>	Size	Catalog Number
NO-NC	11	NEMA 8, IEC Z	C320KA5
2NO-2NC	22	NEMA 6–7	C320KA6
2NO-2NC	22	IEC T–X	C320KA8

### Auxiliary Contact Ratings (Amperes)

#### Ratings—NEMA A600

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

#### Ratings—NEMA P300

Continuous Thermal Rating: 5A

DC Volts	Make/Break Amperes
125	1.10
250	0.55

#### Ratings—Logic Level

##### Minimum Ratings for Logic Level and Hostile Atmosphere Application

Minimum Amperes	20 mA
Minimum Volts	24 Vac/Vdc

#### Ratings C320KGS20L, C320KGS21L, C320KGS22L

DC-12		AC-12	
U <sub>e</sub>	I <sub>e</sub>	U <sub>e</sub>	I <sub>e</sub>
80	0.1	250	0.1

#### Notes

<sup>1</sup> For reference only—not part of catalog number.

<sup>2</sup> NO-NC occupies two position—L2 and L3, or R2 and R3. See figure on **Page V5-T2-27**.

<sup>3</sup> Form C contacts.