



# ELLIOTT ELECTRIC SUPPLY

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## **C320KGS3 SZ00-2, A-K No/NC Aux Contact** *Eaton Corp*

Catalog Number	C320KGS3
Manufacturer	Eaton Corp
Description	
Weight per unit	0.1300 (lbs/each)
Product Category	Contact Accessories

### **Features**

Contact Configuration	1NO-1NC
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### **Descriptions**

Description	SZ00-2,A-K NO/NC AUX CONTACT
Product Type	Freedom Accessory

### **Manufacturer Information**

Brand	EATON CUTLER-HAMMER
GTIN	00782113413501
Manufacturers Part Number	C320KGS3
UPC	782113413501

### **Taxonomies, Classifications, and Categories**

Category Description	DP CONTACTORS
Type	AUXILIARY CONTACT

### **Packaging**

Carton	1
Weight Per each	0.13

### **Uses, Certifications, and Standards**

Application	Motor and Power Control Equipment
Mounting	SIDE
standard	Contact Manufacturer

# NEMA Contactors for the Construction Market



NEMA Size 1 Contactor

## Freedom Series NEMA Contactors – Overview

- Market leader in NEMA power control
- Most complete line in the industry
- Ideal for project construction, HVAC, pump and industrial applications
- Open and enclosed versions

## Type CN15/CN55 NEMA Contactors – Model Selection

NEMA Size	Continuous Ampere Rating	Maximum UL Horsepower						3-Pole Non-Reversing Catalog Number <sup>1</sup>	3-Pole Reversing Catalog Number <sup>1</sup>
		1-Phase		3-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 <sup>2</sup>	1215	–	–	400	450	900	900	CN15VN3_	CN55VN3_

<sup>1</sup> When ordering, replace magnet coil alpha designation in catalog number ( ) with proper code suffix from table below.

<sup>2</sup> Common control. For separate 120V control, insert letter D in seventh position of listed catalog number (ex. CN15VND3C).

## Magnet Coils (AC and DC) – Model Selection

Coil Volts and Hertz	Code Suffix	Coil Volts and Hertz	Code Suffix
120/60, 110/50	A	380-415/50	L
240/60, 220/50	B	550/50	N
480/60, 440/50	C	24/60, 24/50 <sup>4</sup>	T
600/60, 550/50	D	24/50	U
208/60	E	32/50	V
277/60	H	48/60	W
208-240/60 <sup>3</sup>	J	48/50	Y
240/50	K		

<sup>3</sup> NEMA Sizes 00 and 0 only.

<sup>4</sup> NEMA Sizes 00 and 0 only. Sizes 1 through 8 are 24/60 only.

## Auxiliary Contacts – Model Selection

Side-Mounted, NEMA Sizes 00 to 2, IEC Sizes A to K		
Description	Contact Configuration Code <sup>5</sup>	Catalog Number
1NO	10	C320KGS1
1NC	01	C320KGS2
1NO-1NC	11	C320KGS3
2NO	20	C320KGS4
2NC	02	C320KGS5
1NO-1NCI	N/A	C320KGS6
1NO (EC) - 1NC (LO)	N/A	C320KGS7
1NCI	N/A	C320KGS8

<sup>5</sup> 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.

Additional Freedom Series auxiliary contacts are available. For a complete listing of these accessories, see the Control Products & Services Catalog (CA08102001E), Tab 33.

# EATON

Powering Business Worldwide

## Freedom Series NEMA Starters – Overview

- Three-phase, full voltage magnetic starters most commonly used to switch AC motor loads
- Bimetallic ambient compensated overload relays
- These overload relays feature:
  - Interchangeable heater packs adjustable  $\pm 24\%$  to match motor FLA
  - Selectable manual or automatic reset operation
  - Single-phase protection, Class 20 or Class 10 trip time
  - Overload trip indication
  - Electrically isolated NO-NC contacts (pull RESET button to test)
- Also available with solid-state overload relays (see Tab 33 of the Control Products & Services Catalog, CA08102001E)



Freedom Series  
Reversing Starter  
NEMA Size 1



Freedom Series  
Non-Reversing Starter  
NEMA Size 1



Freedom Series  
Auxiliary Contacts

## Type AN16/An56 NEMA Starters – Model Selection

NEMA Size	Continuous Ampere Rating	Service-Limit Current Ratings <sup>2</sup>	Maximum UL Horsepower						3-Pole Non-Reversing Catalog Number <sup>1</sup>	3-Pole Reversing Catalog Number <sup>1</sup>	Vertical Reversing Catalog Number <sup>1</sup>
			1-Phase		3-Phase		480V	600V			
00	9	11	1/3	1	1-1/2	1-1/2	2	2	AN16ANO_C	AN56ANO_C	–
0	18	21	1	2	3	3	5	5	AN16BNO_C	AN56BNO_C	AN56BNVO_
1	27	32	2	3	7-1/2	7-1/2	10	10	AN16DNO_B	AN56DNO_B	AN56DNVO_
2	45	52	3	7-1/2	10	15	25	25	AN16GNO_B	AN56GNO_B	AN56GNVO_
3	90	104	–	–	25	30	50	50	AN16KNO_	AN56KNO_	AN56KNVO_
4	135	156	–	–	40	50	100	100	AN16NNO_	AN56NNO_	AN56NNVO_
5	270	311	–	–	75	100	200	200	AN16SNO_B	AN56SNO_B	–
6	540	621	–	–	150	200	400	400	AN16TNO_C	AN56TNO_B	–
7	810	932	–	–	200	300	600	600	AN16UNO_B	AN56UNO_B	–
8 <sup>3</sup>	1215	1400	–	–	400	450	900	900	AN16VNO_B	AN56VNO_B	–

<sup>1</sup> When ordering, replace magnet coil alpha designation in catalog number ( ) with proper code suffix from table below.

<sup>2</sup> The service-limit current ratings represent the maximum RMS current, in amperes, which the controller shall be permitted to carry for protracted periods in normal service. At service-limit current ratings, temperature rises shall be permitted to exceed those obtained by testing the controller at its continuous current rating. The current rating of overload relays or trip current of other motor protective devices used shall not exceed the service-limit current rating of the controller.

<sup>3</sup> Common control. For separate 120V control, insert letter D in seventh position of listed catalog number (ex. CN15VND3C).

## Magnet Coils (AC and DC) – Model Selection

Coil Volts and Hertz	Code Suffix	Coil Volts and Hertz	Code Suffix
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240/60, 220/50	B	550/50	N
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600/60, 550/50	D	24/50	U
208/60	E	32/50	V
277/60	H	48/60	W
208-240/60 <sup>4</sup>	J	48/50	Y
240/50	K		

<sup>4</sup> NEMA Sizes 00 and 0 only.

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## Auxiliary Contacts – Model Selection

### Side-Mounted, NEMA Sizes 00 to 2, IEC Sizes A to K

Description	Contact Configuration	
	Code <sup>6</sup>	Catalog Number
1NO	10	C320KGS1
1NC	01	C320KGS2
1NO-1NC	11	C320KGS3
2NO	20	C320KGS4
2NC	02	C320KGS5
1NO-1NCI	N/A	C320KGS6
1NO (EC) - 1NC (LO)	N/A	C320KGS7
1NCI	N/A	C320KGS8

<sup>6</sup> 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.

Additional Freedom Series auxiliary contacts are available in NEMA sizes 3 to 8 and IEC sizes L to Z. For a complete listing of these accessories, see the Control Products & Services Catalog (CA08102001E), Tab 33.

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