

#### DC Magnet Coils

##### When Ordering Specify

##### Conversion Kit for Field Assembly

- Catalog number

##### Factory Installed DC Coil

- For factory installed DC magnet coil on AC contactors or non-combination starters (open type only), substitute the code suffix from the table on this page for the magnet coil identifier in the device catalog number. EXAMPLE: For Size 0 AC contactor with a 24 Vdc coil, change AN16BN0AC to AN16BN0T1C

##### Application

- Connect for separate control
- Not for use with cover control switch operators
- Use twin break, heavy-duty pilot devices
- Designed for +10%, -20% rated voltage, continuous duty operation

##### Non-Reversing Kit Consists of:

- One encapsulated DC magnet coil
- One NCI or NO/NCI side mounted auxiliary contact

**Note:** These kits are supplied with a NO/NCI side mounted auxiliary contact in place of the NCI contact.

- Two blue colored connection wires
- One instruction publication

##### Operation

See next page for operation details.

#### DC Magnet Coils

Contactor or Starter Size	IEC	Volts	Conversion Data			NCI Interlock	Complete Conversion Kit		Factory Installed Code Suffix
			Magnet Coil	Amps P.U./Seal	Watts P.U./Seal		Catalog Number	Ship Wt. Lbs (kg)	
NEMA			Coil Number						
<b>Non-Reversing—Kit Includes NCI Side Mounted Auxiliary Contact</b>									
00 and 0 CN35–A, B, D D15 Relays	A–F	12	<b>9-2988-11</b>	6.4/0.28	76.8/3.36	<b>C320KGD1</b>	<b>C335KD3R1</b>	1.0 (0.5)	<b>R1</b>
		24	<b>9-2988-12</b>	3.2/0.14	76.8/3.36	<b>C320KGD1</b>	<b>C335KD3T1</b>		<b>T1</b>
		48	<b>9-2988-13</b>	1.6/0.07	76.8/3.36	<b>C320KGD1</b>	<b>C335KD3W1</b>		<b>W1</b>
		120	<b>9-2988-14</b>	0.64/0.028	76.8/3.36	<b>C320KGD1</b>	<b>C335KD3A1</b>		<b>A1</b>
① 00 and 0 CN35–A, B, D D15 Relays	A–F	12	<b>9-2988-11</b>	6.4/0.28	76.8/3.36	<b>C320KGD2</b> ①	<b>C335KD3R4</b>	1.0 (0.5)	<b>R4</b>
		24	<b>9-2988-12</b>	3.2/0.14	76.8/3.36	<b>C320KGD2</b> ①	<b>C335KD3T4</b>		<b>T4</b>
		48	<b>9-2988-13</b>	1.6/0.07	76.8/3.36	<b>C320KGD2</b> ①	<b>C335KD3W4</b>		<b>W4</b>
		120	<b>9-2988-14</b>	0.64/0.028	76.8/3.36	<b>C320KGD2</b> ①	<b>C335KD3A4</b>		<b>A4</b>
1 and 2 CN35–G	G–K	12	<b>9-2990-1</b>	15.4/0.42	185/4.98	<b>C320KGD5</b>	<b>C335KD4R4</b>	1.0 (0.5)	<b>R4</b>
		24	<b>9-2990-2</b>	7.7/0.21	185/4.96	<b>C320KGD5</b>	<b>C335KD4T4</b>		<b>T4</b>
		48	<b>9-2990-3</b>	3.9/0.11	185/5.04	<b>C320KGD5</b>	<b>C335KD4W4</b>		<b>W4</b>
		120	<b>9-2990-4</b>	1.5/0.041	185/4.87	<b>C320KGD5</b>	<b>C335KD4A4</b>		<b>A4</b>
3 CN35–K	L–N	12	<b>9-3002-1</b>	24/0.40	293/4.84	<b>C320KGD3</b>	<b>C335KD5R1</b>	2.0 (0.9)	<b>R1</b>
		24	<b>9-3002-2</b>	12/0.20	288/4.75	<b>C320KGD3</b>	<b>C335KD5T1</b>		<b>T1</b>
		48	<b>9-3002-3</b>	6.1/0.097	295/4.67	<b>C320KGD3</b>	<b>C335KD5W1</b>		<b>W1</b>
		120	<b>9-3002-4</b>	2.5/0.038	298/4.57	<b>C320KGD3</b>	<b>C335KD5A1</b>		<b>A1</b>
4 and 5 CN35–N, S	P–S	24	<b>9-2026-4</b>	18/0.22	400/5.3	<b>C320KGD3</b>	<b>C335KA3T1</b>	2.5 (1.1)	<b>T1B</b>
		48	<b>9-2026-3</b>	9/0.11	400/5.2	<b>C320KGD3</b>	<b>C335KA3W1</b>		<b>W1B</b>
		120	<b>9-2026-2</b>	3.3/0.05	450/5.4	<b>C320KGD3</b>	<b>C335KA3A1</b>		<b>A1B</b>
		240	<b>9-2026-1</b>	1.7/0.02	440/4.9	<b>C320KGD3</b>	<b>C335KA3B1</b>		<b>B1B</b>
<b>Reversing</b>									
00 and 0 CN35–A, B, D D15 relays	A–F	12	<b>(2) 9-2988-1</b>	6.4/0.28	76.8/3.36	<b>(2) C320KGD1</b>	<b>C335RD3R1</b> ②	1.0 (0.5)	<b>R1</b> ③
		24	<b>(2) 9-2988-2</b>	3.2/0.14	76.8/3.36	<b>(2) C320KGD1</b>	<b>C335RD3T1</b> ②		<b>T1</b> ③
		48	<b>(2) 9-2988-3</b>	1.6/0.07	76.8/3.36	<b>(2) C320KGD1</b>	<b>C335RD3W1</b> ②		<b>W1</b> ③
		120	<b>(2) 9-2988-4</b>	0.64/0.028	76.8/3.36	<b>(2) C320KGD1</b>	<b>C335RD3A1</b> ②		<b>A1</b> ③
1 and 2 CN35–G	G–K	12	<b>(2) 9-2990-1</b>	15.4/0.42	185/4.98	<b>(2) C320KGD3</b> ④	—	—	<b>R1</b> ③
		24	<b>(2) 9-2990-2</b>	7.7/0.21	185/4.96	<b>(2) C320KGD3</b> ④	—		<b>T1</b> ③
		48	<b>(2) 9-2990-3</b>	3.9/0.11	185/5.04	<b>(2) C320KGD3</b> ④	—		<b>W1</b> ③
		120	<b>(2) 9-2990-4</b>	1.5/0.041	185/4.87	<b>(2) C320KGD3</b> ④	—		<b>A1</b> ③

##### Notes

- ① These kits are supplied with a NO/NCI side mounted auxiliary contact in place of the NCI contact.
- ② Kit does not include mechanical interlock or crossover wiring. Two NO/NCI top mounted auxiliary contacts are supplied for electrical interlocking.
- ③ Factory installed DC coils on NEMA contactors and starters include a NO/NC top mounted auxiliary contact on each contactor for electrical interlocking. On IEC contactors and starters, a NC top mounted auxiliary contact is supplied on each contactor for electrical interlocking.
- ④ Available factory assembled only.