Renewal Parts

Renewal Contact Kits for C25 Definite Purpose Contactors

- Replace complete contactor for:
  - C25A...
  - C25B...
  - C25C...
  - C25D...

Table 72. Renewal Contact Kits for C25 Definite Purpose Contactors

Catalog Number	1-Pole Kit Part No.	Price U.S. $	2-Pole Kit Part No.	Price U.S. $	3-Pole Kit Part No.	Price U.S. $
C25FNF250	—	—	**6-65-5**	166.	—	—
C25FNF350	—	—	—	—	**6-65-6**	246.
C25FNF260	—	—	**6-65-7**	204.	—	—
C25FNF360	—	—	—	—	**6-65-8**	303.
C25FNF275	—	—	**6-65-20**	213.	—	—
C25FNF375	—	—	—	—	**6-65-19**	314.
C25GNF290	**6-647-1** ①	211.	—	—	—	—
C25GNF390	**6-647-1** ①	211.	—	—	—	—
C25HNE3120	—	—	—	—	**6-43-6**	492.
C25KNE3200	—	—	—	—	**6-288**	950.
C25KNE3300	—	—	—	—	**6-286**	950.
C25LNE3360	—	—	—	—	**6-45-2**	1,880.

① Order one kit per pole, 2 for 2-pole and 3 for 3-pole devices.

AC Coils

Table 71. AC Coil Selection

AC Coil Voltage	Frequency	Inrush (Maximum)		Sealed (Maximum)		Coil Suffix	Coil Part Number		Price U.S. $
		VA	Watts	VA	Watts		Class	Standard	
15, 25, 30 and 40A — 2- and 3-Pole (Series D1)									
12	60	74.85	46.1	5.53	1.68	**R**	Class F, 155°C	**9-3185-5**	43.
24		81.35	49.7	5.83	1.74	**T**		**9-3185-6**	43.
110/120		74.69	51.6	5.79	1.81	**A**		**9-3185-1**	43.
208/240		82.64	59.1	6.96	2.38	**B**		**9-3185-2**	43.
220/240	60	74.03	51.8	5.85	1.99	**J**	Class F, 155°C	**9-3185-10**	43.
440/480		73.39	52.1	6.09	2.58	**C**		**9-3185-3**	43.
550/600		79.47	51.7	6.56	3.05	**D**		**9-3185-4**	43.
277		72.88	52.4	6.09	2.58	**H**		**9-3185-7**	43.
380/415	50	64.50	50.6	6.08	2.43	**L**	Class F, 155°C	**9-3185-8**	43.
15, 25, 30 and 40A — 2- and 3-Pole (Series C1)									
12	60	65.00	30.0	11.00	2.50	**R**	Class F, 155°C	**9-3125-5**	45.
24		65.00	30.0	11.00	2.50	**T**		**9-3125-6**	45.
104/120		65.00	30.0	11.00	2.50	**A**		**9-3125-1**	45.
208/240	50	75.00	35.0	17.00	3.50	**B**	Class F, 155°C	**9-3125-2**	45.
440/480		75.00	35.0	17.00	3.50	**C**		**9-3125-3**	45.
550/600		75.00	35.0	17.00	3.50	**D**		**9-3125-4**	45.
277	60	65.00	30.0	11.00	2.50	**H**	Class F, 155°C	**9-3125-8**	45.
380/415	50	75.00	35.0	17.00	3.50	**L**	Class F, 155°C	**9-3125-8**	45.
15, 25, 30 and 40A — 2- and 3-Pole (Series D1)									
12	60	74.85	46.1	5.53	1.68	**R**	Class H, 180°C	**9-3252-5**	43.
24		81.35	49.7	5.83	1.74	**T**		**9-3252-6**	43.
110/120		74.69	51.6	5.79	1.81	**A**		**9-3252-1**	43.
208/240		82.64	59.1	6.96	2.38	**B**		**9-3252-2**	43.
220/240	60	74.03	51.8	5.85	1.99	**J**	Class H, 180°C	**9-3252-10**	43.
440/480		73.39	52.1	6.09	2.58	**C**		**9-3252-3**	43.
550/600		79.47	51.7	6.56	3.05	**D**		**9-3252-4**	43.
277		72.88	52.4	6.09	2.58	**H**		**9-3252-7**	43.
380/415	50	64.50	50.6	6.08	2.43	**L**	Class H, 180°C	**9-3252-8**	43.
50A — 2- and 3-Pole (Series D1)									
12	60	115.8	73.6	7.71	2.80	**R**	Class F, 155°C	**9-3186-5**	43.
24		118.1	70.7	7.58	2.79	**T**		**9-3186-6**	43.
110/120		110.7	73.3	7.67	2.89	**A**		**9-3186-1**	43.
208/240		124.9	90.3	10.04	3.74	**B**		**9-3186-2**	43.
220/240	60	112.9	76.2	7.60	3.02	**J**	Class F, 155°C	**9-3186-10**	43.
440/480		114.7	75.6	8.01	3.68	**C**		**9-3186-3**	43.
550/600		109.0	78.6	8.21	4.11	**D**		**9-3186-4**	43.
277		115.4	73.1	7.73	3.12	**H**		**9-3186-7**	43.
380/415	50	110.3	77.0	8.66	3.31	**L**	Class F, 155°C	**9-3186-8**	43.

Discount Symbol **1CD-1C**

Table 71. AC Coil Selection — Continued

AC Coil Voltage	Frequency	Inrush (Maximum)		Sealed (Maximum)		Coil Suffix	Coil Part Number		Price U.S. $
		VA	Watts	VA	Watts		Class	Standard	
50A — 2- and 3-Pole (Series D1)									
12	60	115.8	73.6	7.71	2.80	**R**	Class H, 180°C	**9-3253-5**	43.00
24		118.1	70.7	7.58	2.79	**T**		**9-3253-6**	43.00
110/120		110.7	73.3	7.67	2.89	**A**		**9-3253-1**	43.00
208/240		124.9	90.3	10.04	3.74	**B**		**9-3253-2**	43.00
220/240	60	112.9	76.2	7.60	3.02	**J**	Class H, 180°C	**9-3253-10**	43.00
440/480		114.7	75.6	8.01	3.68	**C**		**9-3253-3**	43.00
550/600		109.0	78.6	8.21	4.11	**D**		**9-3253-4**	43.00
277		115.4	73.1	7.73	3.12	**H**		**9-3253-7**	43.00
380/415	50	110.3	77.0	8.66	3.31	**L**	Class H, 180°C	**9-3253-8**	40.00
60 and 75A — 2- and 3-Pole; 25, 30 and 40A — 4-Pole									
12	60	204.0	84.0	36.5	8.00	**R**	Class B, 130°C	**9-3256-5**	57.50
24						**T**		**9-3256-6**	45.50
104/120						**A**		**9-3256-1**	55.00
208/240	50	240.0	100.8	50.4	10.80	**B**	Class B, 130°C	**9-3256-2**	55.00
440/480						**C**		**9-3256-3**	55.00
550/600						**D**		**9-3256-4**	55.00
277	60	204.0	84.0	36.5	8.00	**H**	Class B, 130°C	**9-3256-7**	55.00
380/415	50	199.0	88.8	37.8	8.80	**L**	Class B, 130°C	**9-3256-8**	57.50
90A — 2- and 3-Pole									
24	60	214.0	—	19.0	6.80	**T**	Class B, 130°C	**9-3079-1**	154.00
110/120						**A**		**9-3079-2**	154.00
208/240						**B**		**9-3079-3**	154.00
440/480	50	247.0	—	19.0	6.80	**C**	Class B, 130°C	**9-3079-5**	154.00
550/600						**D**		**9-3079-6**	154.00
277	60	214.0	—	19.0	6.80	**H**	Class B, 130°C	**9-3079-4**	154.00
120A — 3-Pole									
24	50/60	390.0	112.0	49.8	13.00	**T**	Class B, 130°C	**9-2756-16**	216.00
110/120						**A**		**9-2756-1**	216.00
220/240						**B**		**9-2756-2**	216.00
440/480						**C**		**9-2756-3**	216.00
550/600						**D**		**9-2756-4**	216.00
208	60	390.0	112.0	49.8	13.00	**E**	Class B, 130°C	**9-2756-5**	216.00
277						**H**		**9-2756-9**	216.00
200, 300 and 360A — 3-Pole									
110/120	50/60	1040.0	216.0	116.0	17.00	**A**	Class F, 155°C	**9-1891-1**	237.00
220/240						**B**		**9-1891-2**	237.00
440/480						**C**		**9-1891-3**	237.00
550/600						**D**		**9-1891-4**	237.00
208	60	1040.0	216.0	116.0	17.00	**E**	Class F, 155°C	**9-1891-13**	237.00
277						**H**		**9-1891-26**	237.00

Discount Symbol **1CD-1C**

DC Coils

Table 73. DC Coil Selection ①

DC Coil Voltage	Max. Inrush Amperes	Max. Inrush Watts	Max. Sealed Amperes	Max. Sealed Watts	Coil Suffix	Class	Part Number	Price U.S. $
15, 25, 30 and 40A — 2- and 3-Pole (Series D1)								
12	5.8	69	.272	3.27	**1R**	Class F, 155°C	**9-3254-2**	43.00
24	2.9	69	.130	3.12	**1T**		**9-3254-3**	43.00
48	1.5	72	.070	3.37	**1W**		**9-3254-4**	43.00
120	.61	73	.030	3.68	**1A**		**9-3254-5**	43.00
50A — 2- and 3-Pole (Series D1)								
12	5.8	69	.272	3.27	**1R**	Class F, 155°C	**9-3255-2**	43.00
24	2.9	69	.130	3.12	**1T**		**9-3255-3**	43.00
48	1.5	72	.070	3.37	**1W**		**9-3255-4**	43.00
120	.61	73	.030	3.68	**1A**		**9-3255-5**	43.00
15, 25, 30 and 40A — 2- and 3-Pole (Series C1)								
12	4.7	51	232 mA	1.80	**1R**	Class F, 155°C	**9-3126-1**	47.50
24	2.7	64	110 mA	2.40	**1T**		**9-3126-2**	47.50
48	1.4	65	55 mA	2.50	**1W**		**9-3126-3**	47.50
60 and 75A — 2- and 3-Pole; 25, 30 and 40A — 4-Pole (Series C1)								
12	15.4	126	.434	5.26	**1R**	Class F, 155°C	**9-3257-1**	54.50
24	6.2	88.4	.211	5.12	**1T**		**9-3257-2**	54.50
48	2.9	76.2	.102	4.92	**1W**		**9-3257-3**	54.50
120	1.1	67.3	.044	5.32	**1A**		**9-3257-4**	54.50

① DC coils require an early break NC auxiliary contact C320KGD1 (1NCI) or C320KGD2 (1NO-1NCI). Order separately, not included with replacement coil.

DC Operation

These DC coils have separate pick-up and seal windings. The pick-up winding must be connected to an early break normally closed auxiliary contact block and provides the magnetic force required to close the magnet. As the magnet approaches the closed position, the early break normally closed contact is opened and the holding coil is inserted in series with the pick-up winding.

The early break contact block (C320KGD1) has to be attached to the side of the contactor, taking up one of the positions available for add-on auxiliary contact blocks.

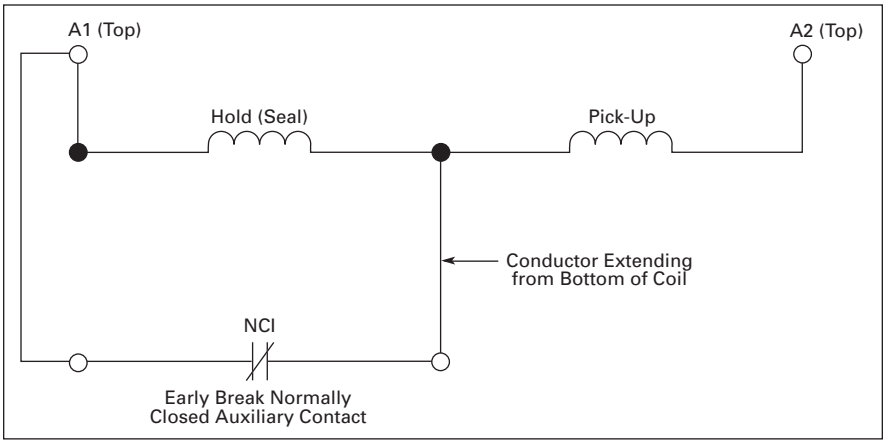

Figure 16. DC Coil Elementary Diagram — Contactors and Starters