

**NEMA Sizes 1, 2 and 3—See Contactor/Starter Nameplate to Determine Series A1 or B1**

Description Renewal Parts Publication Number	NEMA Size 1		NEMA Size 2		NEMA Size 3
	Series A1 Part Number	Series B1 Part Number	Series A1 Part Number	Series B1 Part Number	Part Number
<b>Contact Kits</b>					
Two-pole	6-65	6-65	6-65-7	6-65-7	6-43-5
Three-pole	6-65-2	6-65-2	6-65-8	6-65-8	6-43-6
Four-pole	6-65-9	6-65-9	6-65-15	6-65-15	—
Five-pole	6-65-10	6-65-10	6-65-16	6-65-16	—
<b>Magnet Coils</b>					
	<b>Coil Suffix</b>				
120V, 60 Hz or 110V, 50 Hz	A	9-2703-1	9-2703-1	9-2703-1	9-2756-1
240V, 60 Hz or 220V, 50 Hz	B	9-2703-2	9-2703-2	9-2703-2	9-2756-2
480V, 60 Hz or 440V, 50 Hz	C	9-2703-3	9-2703-3	9-2703-3	9-2756-3
600V, 60 Hz or 550V, 50 Hz	D	9-2703-4	9-2703-4	9-2703-4	9-2756-4
208V, 60 Hz	E	9-2703-9	9-2703-9	9-2703-9	9-2756-5
277V, 60 Hz	H	9-2703-7	9-2703-7	9-2703-7	9-2756-9
208/240V, 60 Hz	J	—	—	—	—
240V, 50 Hz	K	9-2703-14	9-2703-14	9-2703-14	9-2756-13
380–415V, 50 Hz	L	99-2703-8	9-2703-8	9-2703-8	—
380V, 50 Hz	L	—	—	—	9-2756-12
415V, 50 Hz	M	—	—	—	9-2756-8
550V, 50 Hz	N	—	—	—	9-2756-14
24V, 60 Hz–24V, 50 Hz	T	—	—	—	—
24V, 60 Hz	T	9-2703-6	9-2703-6	9-2703-6	9-2756-6
24V, 50 Hz	U	9-2703-12	9-2703-12	9-2703-12	9-2756-11
32V, 50 Hz	V	9-2703-10	9-2703-10	9-2703-10	9-2756-10
48V, 60 Hz	W	9-2703-11	9-2703-11	9-2703-11	9-2756-15
48V, 50 Hz	Y	9-2703-13	9-2703-13	9-2703-13	9-2756-7
<b>Magnet Frame Armature</b>					
Lower magnet frame		17-18200	17-18200	17-18200	17-8955-2
Upper magnet frame		48-1936	48-1936	48-1936	48-1902

IEC Sizes L, M and N

Description	IEC Size L Part Number	IEC Size M Part Number	IEC Size N Part Number
<b>Contact Kits</b>			
Two-pole	6-43-3	6-43	6-43-5
Three-pole	6-43-4	6-43-2	6-43-6
Four-pole	—	—	—
Five-pole	—	—	—
<b>Magnet Coils</b>			
	<b>Coil Suffix</b>		
120V, 60 Hz or 110V, 50 Hz	A	9-2756-1	9-2756-1
240V, 60 Hz or 220V, 50 Hz	B	9-2756-2	9-2756-2
480V, 60 Hz or 440V, 50 Hz	C	9-2756-3	9-2756-3
600V, 60 Hz or 550V, 50 Hz	D	9-2756-4	9-2756-4
208V, 60 Hz	E	9-2756-5	9-2756-5
277V, 60 Hz	H	9-2756-9	9-2756-9
240V, 50 Hz	K	9-2756-13	9-2756-13
380–415V, 50 Hz	L	—	—
380V, 50 Hz	L	9-2756-12	9-2756-12
415V, 50 Hz	M	9-2756-8	9-2756-8
550V, 50 Hz	N	9-2756-14	9-2756-14
24V, 60 Hz–24V, 50 Hz	T	—	—
24V, 60 Hz	T	9-2756-6	9-2756-6
24V, 50 Hz	U	9-2756-11	9-2756-11
32V, 50 Hz	V	9-2756-10	9-2756-10
48V, 60 Hz	W	9-2756-15	9-2756-15
48V, 50 Hz	Y	9-2756-7	9-2756-7
<b>Overload Relays</b>			
For replacement on existing starters three-pole—ambient compensated bimetallic	10-6530	10-6530-2	10-6530-3
<b>Current Transformer</b>			
Transformer	—	—	—
<b>Magnet Frame Armature</b>			
Lower magnet frame	17-8955-2	17-8955-2	17-8955-2
Upper magnet frame	48-1902	48-1902	48-1902

AC Coils, continued

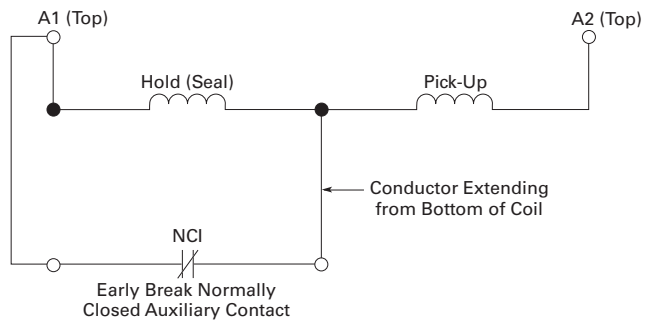
AC Coil Voltage	Frequency	Coil Suffix	Part Number
<b>50A – Two- and Three-Pole (Series D1 and E1)</b>			
12	60	R	9-3253-5
24		T	9-3253-6
110/120		A	9-3253-1
208/240		B	9-3253-2
220/240	60	J	9-3253-10
440/480		C	9-3253-3
550/600		D	9-3253-4
277		H	9-3253-7
380/415	50	L	9-3253-8
<b>60 and 75A – Two- and Three-Pole; 25, 30 and 40A – Four-Pole</b>			
12	60	R	9-3256-5
24		T	9-3256-6
104/120		A	9-3256-1
208/240	50	B	9-3256-2
440/480		C	9-3256-3
550/600		D	9-3256-4
277	60	H	9-3256-7
380/415	50	L	9-3256-8
<b>90A – Two- and Three-Pole (Series F1)</b>			
24	50/60	T	9-3080-1
110/120		A	9-3080-2
208–220		B	9-3080-3
380–415	50/60	C	9-3080-5
277	60	H	9-3080-4
<b>120A – Three-Pole</b>			
24	50/60	T	9-2756-16
110/120		A	9-2756-1
220/240		B	9-2756-2
440/480		C	9-2756-3
550/600		D	9-2756-4
208	60	E	9-2756-5
277		H	9-2756-9
<b>200, 300 and 360A – Three-Pole</b>			
110/120	50/60	A	9-1891-1
220/240		B	9-1891-2
440/480		C	9-1891-3
550/600		D	9-1891-4
208	60	E	9-1891-13
277		H	9-1891-26

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 provide 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.

DC Coil Elementary Diagram—Contactors and Starters



DC Coils ①

DC Coil Voltage	Coil Suffix	Part Number
<b>15, 25, 30 and 40A – Two- and Three-Pole (Series D1 and E1)</b>		
12	1R	9-3254-2
24	1T	9-3254-3
48	1W	9-3254-4
120	1A	9-3254-5
<b>50A – Two- and Three-Pole (Series D1 and E1)</b>		
12	1R	9-3255-2
24	1T	9-3255-3
48	1W	9-3255-4
120	1A	9-3255-5
<b>15, 25, 30 and 40A – Two- and Three-Pole (Series C1)</b>		
12	1R	9-3126-1
24	1T	9-3126-2
48	1W	9-3126-3
<b>60 and 75A – Two- and Three-Pole; 25, 30 and 40A – Four-Pole (Series C1)</b>		
12	1R	9-3257-1
24	1T	9-3257-2
48	1W	9-3257-3
120	1A	9-3257-4

Note

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