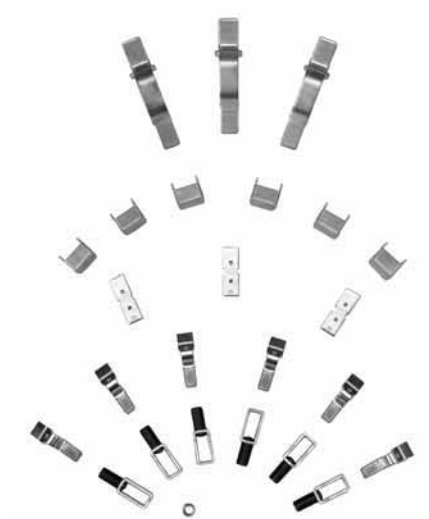


Renewal Parts

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Contact Kits

IT Line

NEMA Contact Block



Table 17-1. NEMA Contact Block

Size	Amperes	Catalog Number
00	9	N04NBSAX3N
0	18	N04NBSOX3N
1	27	N04NCS1X3N
2	45	N04NDS2X3N
3	90	N04NES3X3N
4	135	N04NES4X3N

NEMA Coil Controller

Size 00-1 Non-reversing
(pictured)

Table 17-2. NEMA Coil Controller

Size	Catalog Number
Non-reversing	
00, 0	N02NBXCXNN
1	N02NCXCXNN
2	N02NDXCXNN
3, 4	N02NEXCXNN
5	EMUCCF
Reversing	
00, 0	N03NBXCXNN
1	N03NCXCXNN
2	N03NDXCXNN
3, 4	N03NEXCXNN
5	EMUCCF

Coils

Table 17-3. 24V DC Coils

Description	Catalog Number
Size 00, 0 Coil	EMCB
Size 1 Coil	EMCC
Size 2 Coil	EMCD
Size 3, 4 Coil	EMCE
Size 5 Coil	EMCF

NEMA Solid-State Overload Relay



Table 17-4. NEMA Solid-State Overload Relay

Size	Overload Adjustment Range (Amperes)	Catalog Number
Non-reversing		
00, 0	.25 – .8 .59 – 1.9 1.4 – 4.4 2.8 – 9.0 6.3 – 20	N05NBXRA3A N05NBXRB3A N05NBXRC3A N05NBXRD3A N05NBXRG3A
0	10 – 32	N05NBXRJ3A
1	.25 – .8 .59 – 1.9 1.4 – 4.4 2.8 – 9.0 5.0 – 16 8.4 – 27 16 – 50	N05NCXRA3A N05NCXRB3A N05NCXRC3A N05NCXRD3A N05NCXRF3A N05NCXRH3A N05NCXRL3A
2	5.0 – 16 8.4 – 27 14 – 45 31 – 100	N05NDXRF3A N05NDXRH3A N05NDXRK3A N05NDXRN3A
3, 4	14 – 45 28 – 90 42 – 135	N05NEXRK3A N05NEXRM3A N05NEXRP3A
4	63 – 200	N05NEXRR3A
5	42 – 135 84 – 270 131 – 420	N05NFXRP3A N05NFXRS3A N05NFXRT3A
Reversing		
00, 0	.25 – .8 .59 – 1.9 1.4 – 4.4 2.8 – 9.0 6.3 – 20	N06NBXRA3A N06NBXRB3A N06NBXRC3A N06NBXRD3A N06NBXRG3A
0	10 – 32	N06NBXRJ3A
1	.25 – .8 .59 – 1.9 1.4 – 4.4 2.8 – 9.0 5.0 – 16 8.4 – 27 16 – 50	N06NCXRA3A N06NCXRB3A N06NCXRC3A N06NCXRD3A N06NCXRF3A N06NCXRH3A N06NCXRL3A
2	5.0 – 16 8.4 – 27 14 – 45 31 – 100	N06NDXRF3A N06NDXRH3A N06NDXRK3A N06NDXRN3A
3, 4	14 – 45 28 – 90 42 – 135	N06NEXRK3A N06NEXRM3A N06NEXRP3A
4	63 – 200	N06NEXRR3A
5	42 – 135 84 – 270 131 – 420	N06NFXRP3A N06NFXRS3A N06NFXRT3A

Contact Kits



Table 17-5. NEMA 3-Pole Contact Kits

Size	Description	Catalog Number
1	Hold Open Non Hold Open	EMCKTS1 EMCKTS1NH
2	Hold Open Non Hold Open	EMCKTS2 EMCKTS2NH
3	Hold Open	EMCKTS3
4	Hold Open	EMCKTS4
5	Hold Open	EMCKTS5

Fanning Strips

Table 17-6. Reversing Fanning Strips

NEMA Size	Description	Catalog Number
00,0	Line Side Load side	EMFRLB EMFRTB
1	Line Side Load side	EMFRLC EMFRTC
2	Line Side Load side	EMFRLD EMFRTD
3, 4	Line Side Load side	EMFRLE EMFRTE
5	Line Side Bus Bar Set Load side Bus Bar Set	EMFRLF EMFRTF

Lug Kits and Reversing Kits

For Lug Kits and Reversing Kits, see Accessories, **Page 16-3**.

Freedom Line

NEMA Sizes 00, 0, 1, 2 and 3

Table 17-7. NEMA Sizes 00 and 0 — See Contactor/Starter Nameplate to Determine Series A1, B1 or C1.

Description	NEMA Size 00-0		NEMA Size 00			NEMA Size 0	
	Series A1		Series B1	Series C1	Series B1	Series C1	
	Part Number		Part Number	Part Number	Part Number	Part Number	
Renewal Parts Publication Number	None		None	None	None	None	None
Contact Kits							
2-Pole	①		①	①	①	①	①
3-Pole	①		①	①	①	①	①
4-Pole	①		①	①	①	①	①
5-Pole	①		①	①	①	①	①
Magnet Coils							
	Coil Suffix						
120V 60 Hz or 110V 50 Hz	A	9-2650-1	9-2875-1	9-2875-1	9-2876-1	9-2876-1	9-2876-1
240V 60 Hz or 220V 50 Hz	B	9-2650-2	9-2875-2	9-2875-2	9-2876-2	9-2876-2	9-2876-2
480V 60 Hz or 440V 50 Hz	C	9-2650-3	9-2875-3	9-2875-3	9-2876-3	9-2876-3	9-2876-3
600V 60 Hz or 550V 50 Hz	D	9-2650-4	9-2875-4	9-2875-4	9-2876-4	9-2876-4	9-2876-4
208V 60 Hz	E	9-2650-5	9-2875-5	9-2875-5	9-2876-5	9-2876-5	9-2876-5
277V 60 Hz	H	9-2650-13	9-2875-12	9-2875-12	9-2876-12	9-2876-12	9-2876-12
208/240V 60 Hz	J	—	9-2875-37	9-2875-37	9-2876-17	9-2876-17	9-2876-17
240V 50 Hz	K	9-2650-12	9-2875-11	9-2875-11	9-2876-11	9-2876-11	9-2876-11
380 – 415V 50 Hz	L	9-2650-6	9-2875-6	9-2875-6	9-2876-6	9-2876-6	9-2876-6
380V 50 Hz	L	—	—	—	—	—	—
415V 50 Hz	M	—	—	—	—	—	—
550V 50 Hz	N	—	—	—	—	—	—
24V 60 Hz – 24V 50 Hz	T	—	9-2875-36	9-2875-36	9-2876-36	9-2876-36	9-2876-36
24V 60 Hz	T	9-2650-7	—	—	—	—	—
24V 50 Hz	U	9-2650-14	9-2875-36	9-2875-36	9-2876-36	9-2876-36	9-2876-36
32V 50 Hz	V	9-2650-9	9-2875-16	9-2875-16	9-2876-16	9-2876-16	9-2876-16
48V 60 Hz	W	9-2650-8	9-2875-8	9-2875-8	9-2876-8	9-2876-8	9-2876-8
48V 50 Hz	Y	9-2650-10	9-2875-9	9-2875-9	9-2876-9	9-2876-9	9-2876-9
Magnet Frame Armature							
Lower Magnet Frame		①	①	①	①	①	①
Upper Magnet Frame		①	①	①	①	①	①

① Replace with complete contactor.

Table 17-8. NEMA Sizes 1, 2 and 3 — See Contactor/Starter Nameplate to Determine Series A1 or B1.

Description	NEMA Size 1		NEMA Size 2		NEMA Size 3
	Series A1	Series B1	Series A1	Series B1	
	Part Number	Part Number	Part Number	Part Number	
Renewal Parts Publication Number	20861	22177	20861	22177	20426
Contact Kits					
2-Pole	6-65	6-65	6-65-7	6-65-7	6-43-5
3-Pole	6-65-2	6-65-2	6-65-8	6-65-8	6-43-6
4-Pole	6-65-9	6-65-9	6-65-15	6-65-15	—
5-Pole	6-65-10	6-65-10	6-65-16	6-65-16	—
Magnet Coils					
	Coil Suffix				
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	9-2703-8	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
Magnet Frame Armature					
Lower Magnet Frame		17-18200	17-18200	17-18200	17-8955-2
Upper Magnet Frame		48-1936	48-1936	48-1936	48-1902

NEMA Sizes 4, 5 and 6

Table 17-9. NEMA Sizes 4, 5 and 6 — See Contactor/Starter Nameplate to Determine Series A1 or B1.

Description	NEMA Size 4		NEMA Size 5		NEMA Size 6	
	Series A1	Series B1	Series A1	Series B1	Contactor & Starter Series A1, Starter Series B1	Contactor Series B1, Starter Series C1
	Part Number	Part Number	Part Number	Part Number	Part Number	Part Number
Renewal Parts Publication Number	20428	20428	20429	20429	20146	23349

Contact Kits

2-Pole	6-44	6-26	6-45	6-45	6-601-2	—
3-Pole	6-44-2	6-26-2	6-45-2	6-45-2	6-601	6-648

Magnet Coils

Coil Suffix

120V 60 Hz or 110V 50 Hz	A	9-1891-1	9-1891-1	9-1891-1	9-1891-1	9-2698	9-3006
240V 60 Hz or 220V 50 Hz	B	9-1891-2	9-1891-2	9-1891-2	9-1891-2	9-2698-2	9-3006-2
480V 60 Hz or 440V 50 Hz	C	9-1891-3	9-1891-3	9-1891-3	9-1891-3	9-2698-3	9-3006-3
600V 60 Hz or 550V 50 Hz	D	9-1891-4	9-1891-4	9-1891-4	9-1891-4	9-2698-4	9-3006-4
208V 60 Hz	E	9-1891-13	9-1891-13	9-1891-13	9-1891-13	9-2698-5	—
277V 60 Hz	H	9-1891-26	9-1891-26	9-1891-26	9-1891-26	—	—
208/240V 60 Hz	J	—	—	—	—	—	—
240V 50 Hz	K	9-1891-20	9-1891-20	9-1891-20	9-1891-20	—	—
380 – 415V 50 Hz	L	—	—	—	—	9-2698-6	9-3006-7
380V 50 Hz	L	9-1891-14	9-1891-14	9-1891-14	9-1891-14	—	—
415V 50 Hz	M	9-1891-21	9-1891-21	9-1891-21	9-1891-21	—	—
550V 50 Hz	N	9-1891-8	9-1891-8	9-1891-8	9-1891-8	—	—
24V 60 Hz – 24V 50 Hz	T	—	—	—	—	—	9-3006-8
24V 60 Hz	T	9-1891-15	9-1891-15	9-1891-15	9-1891-15	—	—
24V 50 Hz	U	9-1891-16	9-1891-16	9-1891-16	9-1891-16	—	—
32V 50 Hz	V	9-1891-27	9-1891-27	9-1891-27	9-1891-27	—	—
48V 60 Hz	W	—	—	—	—	9-2698-8	9-3006-9
48V 50 Hz	Y	9-1891-18	9-1891-18	9-1891-18	9-1891-18	—	—

Overload Relays

For Replacement on Existing Starters 3-Pole — Ambient Compensated Bimetallic	10-6530-4	10-6530-4	C306DN3B	C306DN3B	C306DN3B	C306DN3B
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Current Transformer

	—	—	42-3564	42-3564	42-3598	42-3598
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Magnet Frame Armature

Lower Magnet Frame	48-1030-2	48-1030-2	48-1030-2	48-1030-2	—	—
Upper Magnet Frame	48-1029-4	48-1029-4	48-1029-4	48-1029-4	—	—

Feeder Group Renewal ^①

Volts	Hertz	NEMA Size 4		NEMA Size 5		NEMA Size 6	
		Series A1	Series B1	Series A1	Series B1	Contactor & Starter Series A1, Starter Series B1	Contactor Series B1, Starter Series C1
110 – 120	50/60	—	—	—	—	9-2705	9-3007
220 – 240	50/60	—	—	—	—	9-2705-2	9-3007-2
440 – 480	50/60	—	—	—	—	9-2705-3	9-3007-3
550 – 600	50/60	—	—	—	—	9-2705-4	9-3007-4
208	50/60	—	—	—	—	9-2705-5	9-3007-5
380 – 415	50/60	—	—	—	—	9-2705-6	9-3007-7
48 – 52	50/60	—	—	—	—	9-2705-8	9-3007-6

^① Voltage ratings of the main coils must match those of the feeder group for proper operation of the starter/contactator.

Freedom Line

NEMA Sizes 7 and 8

Table 17-10. NEMA Sizes 7 and 8 — See Contactor/Starter Nameplate to Determine Series A1 or B1.



Description	NEMA Size 7		NEMA Size 8		
	Series A1	Series B1	Series A1	Series B1	
	Part Number	Part Number	Part Number	Part Number	
Renewal Parts Publication Number	20848	20848	20849	20849	
Contact Kits					
2-Pole	—	—	—	—	
3-Pole	6-613	6-613	6-571	6-571	
Magnet Coils					
	Coil Suffix				
120V 60 Hz or 110V 50 Hz	A	9-2698	9-2698	9-2654	
240V 60 Hz or 220V 50 Hz	B	9-2698-2	9-2698-2	9-2654-2	
480V 60 Hz or 440V 50 Hz	C	9-2698-3	9-2698-3	9-2654-3	
600V 60 Hz or 550V 50 Hz	D	9-2698-4	9-2698-4	9-2654-4	
208V 60 Hz	E	9-2698-5	9-2698-5	9-2654-6	
277V 60 Hz	H	—	—	—	
208/240V 60 Hz	J	—	—	—	
240V 50 Hz	K	—	—	—	
380 – 415V 50 Hz	L	—	—	—	
380V 50 Hz	L	9-2698-6	9-2698-6	9-2654-5	
415V 50 Hz	M	—	—	—	
550V 50 Hz	N	—	—	—	
24V 60 Hz – 24V 50 Hz	T	—	—	—	
24V 60 Hz	T	—	—	—	
24V 50 Hz	U	—	—	—	
32V 50 Hz	V	—	—	—	
48V 60 Hz	W	—	—	—	
48V 50 Hz	Y	—	—	—	
Overload Relays					
For Replacement on Existing Starters 3-Pole — Ambient Compensated Bimetallic	C306DN3B	C306DN3B	C306DN3B	C306DN3B	
Current Transformer					
	42-3598-2	42-3598-2	42-3598-3	42-3598-3	
Magnet Frame Armature ①					
Lower Magnet Frame	—	—	—	—	
Upper Magnet Frame	—	—	—	—	
Feeder Group Renewal ②					
Volts	Hertz	NEMA Size 7		NEMA Size 8	
		Series A1	Series B1	Series A1	Series B1
110 – 120	50/60	9-2705	9-2705	—	—
220 – 240	50/60	9-2705-2	9-2705-2	—	—
440 – 480	50/60	9-2705-3	9-2705-3	—	—
550 – 600	50/60	9-2705-4	9-2705-4	—	—
208	50/60	9-2705-5	9-2705-5	—	—
380 – 415	50/60	9-2705-6	9-2705-6	—	—
48 – 52	50/60	9-2705-8	9-2705-8	—	—
120	50/60	—	—	9-2664	9-2664
240	50/60	—	—	9-2664-2	9-2664-2
480	50/60	—	—	9-2664-3	9-2664-3
600	50/60	—	—	9-2664-4	9-2664-4
380	50/60	—	—	9-2664-5	9-2664-5
208	50/60	—	—	9-2664-6	9-2664-6
416	50/60	—	—	9-2664-7	9-2664-7
110	50/60	—	—	9-2664-8	9-2664-8
220	50/60	—	—	9-2664-9	9-2664-9
550	50/60	—	—	9-2664-10	9-2664-10
440	50/60	—	—	9-2664-11	9-2664-11

① Consult factory.

② Voltage ratings of the main coils must match those of the feeder group for proper operation of the starter/contactator.

Contact Kits and Coils

Table 17-11. Replacements for Contact Kits and Coils

Product	Description	Catalog Number
	Replacement Contact Kit, Size 1, 3-Pole Replacement Contact Kit, Size 2, 3-Pole Replacement Contact Kit, Size 3, 3-Pole Replacement Contact Kit, Size 4, 3-Pole Replacement Contact Kit, Size 5, 3-Pole Replacement Contact Kit, Size 6, 3-Pole	WCK13 WCK23 WCK33 WCK43 WCK53 WCK63
	Size 1 and 2, 110/120V 60 Hz Size 3 and 4, 110/120V 60 Hz Size 5 and 6, 110/120V 60 Hz	WCOIL12F WCOIL34F WCOIL56F

A200 Line

When Ordering Specify

Use this renewal parts data to identify device by style number, catalog number and/or description.

Select style number of replacement part from the following pages.

For clarification of ordering procedure, pricing and discounts, contact the Customer Support Center.

General Information

This renewal parts data will provide the proper identification of standard parts which may be required for maintenance of Eaton's Cutler-Hammer components.

It is the intent of this catalog section to make it possible to quickly select the parts needed.

An investment in renewal parts and regular maintenance program will protect against downtime and ensure a proper duty cycle for your equipment.

To maintain maximum operating efficiency and dependability of your equipment, only genuine Cutler-Hammer replacement parts should be used.

This section identifies the replacement parts which are available. Order by style number.

JF Autostarters

Table 17-12. JF Autostarter Kits

Frame Size	Start Contacts		Run Contacts		Grid Stack Kit	
	Required	Style Number	Required	Style Number	Required	Style Number
2 – 3	1	38A7018G12	1	38A7018G13	1	3354D90G10
4 – 5 5L	1	550D409G18	1	550D409G19	1	3354D90G10
5M – 5MM	1	3354D90G08	1	3354D90G09	2	3354D90G10

Note: Kits contain a complete set of moving contacts, stationary contacts and springs.

Table 17-13. Solenoid Assembly with Coil
(All Sizes) ①

Volt	Hz	Style Number ②
115	60	5264C05H01
230	60	5264C05H02
460	60	5264C05H03
575	60	5264C05H04

① When replacing solenoid assembly series 416C160 use adapter plate style 9917D02H01 — 1 required.

② These styles replace coil style 296B892G__. When ordering new style as replacement, customer must order adapter plate 9917D02H01, Quantity 1 required.

A200 Line

AC Starters, Contactors A200, A201

Table 17-14. AC Contactors Model J Sizes 00, 0, 1, 2 Kits ①

Part	Poles	Size 00	Size 0	Size 1	Size 2
		Style Number	Style Number	Style Number	Style Number
Contact Kit	2	373B331G17	373B331G02	373B331G07	373B331G11
	3	373B331G18	373B331G04	373B331G09	373B331G12
	4	373B331G18	373B331G04	373B331G09	373B331G13 ③
	5	373B331G19	373B331G05	373B331G10	
Arc Box ②	2, 3, 4	6714C74G01	6714C74G02	6714C74G03	6714C74G07 ④
	5	6714C74G04	6714C74G05	6714C74G06	6714C74G08 ⑤
Cross Bar	2, 3	N/A	N/A	N/A	672B788G32
	4, 5	N/A	N/A	N/A	672B788G34
Upper Base (for single rated coils only)	2, 3	N/A	N/A	N/A	672B788G33
	4, 5	N/A	N/A	N/A	672B788G35
Lower Base	2, 3	N/A	N/A	N/A	1250C33G09
	4, 5	N/A	N/A	N/A	1250C33G05
KO Spring (Pk of 10)	All	N/A	N/A	N/A	503C796G01
Terminal Line/Load (Pk of 3)	All	N/A	N/A	N/A	371B870G03

① Model C contact tips and coils 00-4, 2-, 3-, 4- and 5-pole contactors are same as Model J. All other parts are unavailable.

② Mounting hardware included.

③ Use one each of 373B331G11 and 373B331G12.

④ 2-, 3-pole.

⑤ 4-, 5-pole.

Table 17-15. AC Coils

Voltage	Hz	Size 00, 0, 1		Size 2	
		2-, 3-, 4-Pole	5-Pole	2-, 3-Pole	4-, 5-Pole
		Style Number	Style Number	Style Number	Style Number
120/110	60/50	505C806G01	505C808G01	505C806G01	505C818G01
208	60	505C806G02	505C808G02	505C806G02	505C818G02
600/550	60/50	505C806G05	505C808G05	505C806G05	505C818G05
380	50	505C806G07	505C808G07	505C806G07	505C818G07
240/220	60/50	505C806G12	505C808G12	505C806G12	505C818G12
480/440	60/50	505C806G13	505C808G13	505C806G13	505C818G13
24	60	505C806G16	N/A	505C806G16	505C818G15
277	60	505C806G18	505C808G16	505C806G18	505C818G16
240/480 ⑥	60/60	505C806G03	505C808G03	505C806G03	505C818G03
120/240 ⑦	60/60	505C806G10	505C808G10	505C806G10	505C818G10

⑥ Dual Voltage Coils. Use only on contactors or starters originally supplied with a dual voltage coil.

⑦ Use only on contactors originally supplied with a DC coil.

Table 17-16. DC Coil ⑧

Voltage	Size 0, 1	Size 2
	1, 2, 3, 4 Pole	1, 2, 3 Pole
Style Number		
12	1268C86G07	
24	1268C86G04	
48	1268C86G05	
125	1268C86G02	
250	1268C86G01	
125/250 ⑧	1268C86G03	

⑧ Dual Voltage Coils. Use only on contactors or starters originally supplied with a dual voltage coil.

⑨ Use only on contactors originally supplied with a DC coil.

Accessories for Size 5 – 9 AC Contactors

Note: A rectifier circuit converts the AC supply to DC supply. This conversion provides pick up and drop out characteristics. All necessary parts are included in the kit.

Table 17-17. AC-DC Coil Conversion Kits

Voltage	Size 5	Size 6
	Style Number	Style Number
120V AC	7864A28G01	7864A29G01
240V AC	7864A28G02	7864A29G02
480V AC	7864A28G03	7864A29G03

Table 17-18. Replacement Coils for Above

Voltage	Size 5	Size 6
	Style Number	Style Number
120V AC	7856A15G05	7856A16G05
240V AC	7856A15G10	7856A16G10
480V AC	7856A15G15	7856A16G15

A200 Line

AC Starters, Contactors A200, A201 (Continued)

Accessories for Size 5 – 9 AC Contactors

Table 17-19. Auxiliary Electrical Interlocks Size 7 – 9 AC and All DC Units

Type	Circuits	Application	Style Number
L63	NO	Size 7 – 8	578D461G01
L63	NC	Size 7 – 8	578D461G03
L64	NO-NC	Size 9	843D943G04
L64	2NO	Size 9	843D943G05
L64	2NC	Size 9	843D943G06

Accessories for Size 00 – 6 AC Contactors

Table 17-20. Auxiliary Electrical Interlocks

Catalog Number (Obsolete)	Style Number (Obsolete)	Circuits	Catalog Number Current	Style Number Current
(L-56)	(2609D01G01)	1NO & 1NC 2NO	J11	9084A17G01
(L-56D)	(2609D01G02)	1NO & 1NC	J20	9084A17G02
(L-56E)	(2609D01G03)	2NO 2NO	J11	9084A17G01
(L-56B)	(2609D01G04)		J20	9084A17G02
(L-56H)	(2609D01G05)		J20	9084A17G02
(L-56J)	(2609D01G06)	1NO & 1NC DB	J1C	9084A17G04
(L-56A)	(2609D01G07)	N/A	N/A	N/A
(L-56B)	(2609D01G08)	N/A	N/A	N/A
(L-56F)	(2609D01G09)	N/A	N/A	N/A
(L-56G)	(2609D01G10)	1NO & 1NC DB	J1C	9084A17G04
(L-56C)	(2609D01G11)	2NC	J02	9084A17G03
(L-56M)	(2609D01G12)	N/A	N/A	N/A
(L-56P)	(2609D01G17)	1NO & 1NC 2NC	J11	9084A17G01
(L-56R)	(2609D01G18)	1NO & 1NC	J02	9084A17G03
(L-56S)	(2609D01G19)		J11	9084A17G01

Model J – K, Sizes 3 and 4

Table 17-21. Model J – K Series 3, 4 Kits ①

Part	Poles	Size 3 – Model J	Size 4 – Model J ③	Size 4 – Model K ②
		Style Number	Style Number	Style Number
Contact Kit	2	626B187G12	626B187G16	5250C81G16
	3	626B187G13	626B187G17	5250C81G17
	4	④	⑥	5250C81G18
	4	⑤	⑦	5250C81G19
	5			
Arc Box	2, 3	6714C74G09	6714C74G11	6714C74G11
	4, 5	6714C74G10	6714C74G12	6714C74G12
Cross Bar	2, 3	672B788G36	672B788G36	672B788G40
	4, 5	672B788G38	672B788G38	
Upper Base	2, 3	672B788G37	672B788G37	672B788G52
	4, 5	672B788G39	672B788G39	
Lower Base	2, 3	1250C33G03	1250C33G03	1250C33G10
	4, 5	1250C33G06	1250C33G06	
KO Spring (Pk of 10)	All	503C796G02	503C796G02	672B788G50
Terminal Line/Load (Pk of 3)	All	372B357G12	372B357G18	372B357G18

① Model C contact tips and coils 00-4, 2-, 3-, 4- and 5-pole contactors are same as model J. All other parts are unavailable.

② Model K replaces Model J, offering superior design life characteristics. Renewal parts are different. Use parts for proper model only.

③ For 200 Amp A202 Magnetically Latched Lighting Contactors order 3-pole contact kit style 672B788G07.

④ Use Qty. 2 of 626B187G12.

⑤ Use Qty. 1 each of 626B187G12 and 626B187G13.

⑥ Use Qty. 2 of 626B187G16.

⑦ Use Qty. 1 each of 626B187G16 and 626B187G17.

AC Starters, Contactors A200, A201 (Continued)

Accessories for Model J – K, Series 3, 4

Table 17-22. DC Coils ①

Voltage	Model J Size 3, 4
	2-, 3-Pole
	Style Number
24	1255C68G04
48	1255C68G05
125	1255C68G01
250	1255C68G02
125/250 ②	1255C68G03

- ① Use only on units originally supplied with DC coil.
- ② Dual Voltage Coils. Use only on contactors or starters originally supplied with dual voltage coil.

Table 17-23. AC Coils

Voltage	Hz	Model J Size 3, 4		Model K Size 4 ③	
		2-, 3-Pole	4-, 5-Pole	2-, 3-Pole	4-, 5-Pole
		Style Number	Style Number	Style Number	Style Number
120/110	60/50	505C633G01	505C635G01	5250C79G01	5250C80G01
208	60	505C633G02	505C635G02	5250C79G02	5250C80G02
600/550	60/50	505C633G05	505C635G05	5250C79G05	5250C80G05
380	50	505C633G07	505C635G07	5250C79G07	5250C80G07
240/220	60/50	505C633G12	505C635G12	5250C79G12	5250C80G12
480/440	60/50	505C633G13	505C635G13	5250C79G13	5250C80G13
24	60	505C633G34	N/A	5250C79G34	N/A
277	60	505C633G14	N/A	5250C79G14	N/A
240/480 ④	60/60	505C633G03	505C635G03	5250C79G03	5250C80G03
120/244 ④	60/60	505C633G10	505C635G10	5250C79G10	5250C80G10

- ③ Model K replaces Model J, offering superior design life characteristics. Renewal parts are different. Use parts for proper model only.
- ④ Dual Voltage Coils. Use only on contactors or starters originally supplied with dual voltage coil.

A201 Contactors — Size 5 – 9

Table 17-24. GCA 530/630 — GPD 7, 8, 9 Kits ⑤

Part	Size 5	Size 6	Size 7	Size 8	Size 9
	Style Number	Style Number	Style Number	Style Number	Style Number
Contact Kit (1 per pole)	477B477G05 ⑥	2066A10G11	461A757G17	646C829G05	5264C42G01 ⑨
Arc Box	2050A15G45	2066A10G45	831D580G01	831D580G01	5264C42G02 ⑩
Magnet Assy.	2050A15G46	2050A15G46	N/A	N/A	9917D69G02
Mag. Spg. Kit	2050A15G47	2050A15G47	N/A	N/A	N/A
Acr Cup Kit	2050A15G48	N/A	N/A	N/A	N/A
Load Conn. Kit	2050A15G49	2066A10G49	N/A	N/A	N/A
Line Conn. Kit	2050A15G50	2066A10G50	N/A	N/A	N/A
K.O. Spring – 6	2050A15G51	2066A10G46	N/A	N/A	N/A
C.T. 300/5	655C285H03	N/A	N/A	N/A	N/A
C.T. 400/5	655C285H04	N/A	N/A	N/A	N/A
C.T. 600/5 ⑦	N/A	2066A10G18	N/A	N/A	N/A
C.T. 800/5 ⑦	N/A	2066A10G19	N/A	N/A	N/A
Phase Barrier	N/A	N/A	640C441G01	640C441G01	5264C35G03 ⑨
Cross Bar	2050A15G12	2066A10G15	N/A	N/A	N/A
Shunt	N/A	2066A10G48	650C129G01	646C831G02 ⑧	5264C39G02 ⑩

- ⑤ Catalog Number A201/A200 Series replaces GCA/GPD series. Renewal parts are the same.
- ⑥ Use 477B477G06 for Silver Tungsten applications.
- ⑦ C.T. kit which replaces the single molded 1 CT assembly used on the old size 6 airbreak. The kit includes a single molded 3 C.T. assembly, 2 bus bar and hardware. This C.T. kit also replaces the single molded 3 C.T. assembly used on the present size 6 airbreak and size vacuum.
- ⑧ Set of 3.
- ⑨ R.C.
- ⑩ F.C.
- ⑪ Set of 4.

A200 Line

Accessories for A201 Contactors — Size 5 – 9

Table 17-25. Coils

Voltage	Hz	Size 5	Size 6
		Style Number	Style Number

Sizes 5 and 6

110/120	60	2050A14G05	2050A12G05
110/120	50	2050A14G06	2050A12G06
200/208	50	2050A14G07	2050A12G07
220/240	50	2050A14G08	2050A12G08
200/208	60	2050A14G09	2050A12G09
220/240	60	2050A14G10	2050A12G10
277/303	60	2050A14G12	2050A12G12
380/415	50	2050A14G14	2050A12G14
440/480	60	2050A14G15	2050A12G15
440/480	50	2050A14G16	2050A12G16
550/600	60	2050A14G17	2050A12G17
550/600	50	2050A14G18	2050A12G18
380/415	60	2050A14G19	2050A12G19
120/240	60	2050A14G20	2050A12G20
24 DC		2050A14G21	2050A12G21
48 DC		2050A14G22	2050A12G22
125 DC		2050A14G25	2050A12G25
250 DC		2050A14G27	2050A12G27

Line Voltage	Size 7, 8	Required
	Style Number	

Sizes 7 and 8

125V DC	438C805G04	2
230V DC	438C805G02	2
250V DC	438C805G03	2
110/120V AC ① ④	438C805G12	2
220/240V AC ② ④	438C805G11	2
380V AC ③ ④	438C805G15	2
440/480V AC ③ ④	438C805G10	2
550/575V AC ③ ④	438C805G13	2

Line Voltage	Size 9
	Style Number

Size 9

110V DC	5264C34G01 ⑤
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① Rectifier 125V 2018A40G01 (1 required).

② Rectifier 250V 2018A40G02 (1 required).

③ Rectifier 600V 2018A40G03 (1 required).

④ These coils require an external rectifier. If the rectifier needs replacement, order by the appropriate style number.

⑤ Contains coil and resistor.

Coils and Kits



Table 17-26. Replacement Coils

Voltage	Coil Suffix	Catalog Number
Frame C		
110/50 120/60 110 – 130V DC 220/50 240/60 200 – 240V DC	A AD B BD	XTCERENCOILCA XTCERENCOILCAD XTCERENCOILCB XTCERENCOILCBD
415/50 480/60 550/50 600/60 208/60 230/50	C D E F	XTCERENCOILCC XTCERENCOILCD XTCERENCOILCE XTCERENCOILCF
190/50 220/60 240/50 277/60 380/50 440/60 400/50	G H L N	XTCERENCOILCG XTCERENCOILCH XTCERENCOILCL XTCERENCOILCN
380/60 12/50 12/60 12 – 14V DC 24/50 24/60	P R RD T	XTCERENCOILCP XTCERENCOILCR XTCERENCOILCRD XTCERENCOILCT
24 – 27V DC 24/50 42/50 48/60 48 – 60V DC 48/50	TD U W WD Y	XTCERENCOILCTD XTCERENCOILCU XTCERENCOILCW XTCERENCOILCWD XTCERENCOILCY
Frame D		
110/50 120/60 110 – 130V DC 220/50 240/60 200 – 240V DC	A AD B BD	XTCERENCOILDA XTCERENCOILDAD XTCERENCOILDB XTCERENCOILDBD
415/50 480/60 550/50 600/60 208/60 230/50	C D E F	XTCERENCOILDC XTCERENCOILDD XTCERENCOILDE XTCERENCOILDF
190/50 220/60 240/50 277/60 380/50 440/60 400/50	G H L N	XTCERENCOILDG XTCERENCOILDH XTCERENCOILDL XTCERENCOILDN
380/60 12/50 12/60 12 – 14V DC 24/50 24/60	P R RD T	XTCERENCOILDP XTCERENCOILDR XTCERENCOILDRD XTCERENCOILDT
24 – 27V DC 24/50 42/50 48/60 48 – 60V DC 48/50	TD U W WD Y	XTCERENCOILDTD XTCERENCOILDU XTCERENCOILDW XTCERENCOILDWD XTCERENCOILDY
Frame F ^①		
110/50 120/60 110 – 130V DC 220/50 240/60 200 – 240V DC	A AD B BD	XTCERENCOILFA XTCERENCOILFAD XTCERENCOILFB XTCERENCOILFBD
415/50 480/60 550/50 600/60 208/60 230/50	C D E F	XTCERENCOILFC XTCERENCOILFD XTCERENCOILFE XTCERENCOILFF
190/50 220/60 240/50 277/60 380/50 440/60 400/50	G H L N	XTCERENCOILFG XTCERENCOILFH XTCERENCOILFL XTCERENCOILFN
380/60 12/50 12/60 24/50 24/60 24 – 27V DC	P R T TD	XTCERENCOILFP XTCERENCOILFR XTCERENCOILFT XTCERENCOILFTD
24/50 42/50 48/60 48 – 60V DC 48/50	U W WD Y	XTCERENCOILFU XTCERENCOILFW XTCERENCOILFWD XTCERENCOILFY

① Frame F replacement coils can only be used with contactors having the following date codes: DC Coils, 2706 or later; AC Coils, 4706 or later.

Voltage	Coil Suffix	Catalog Number
Frame G ^③		
100 – 120V 50/60 110 – 130V DC 190 – 240V 50/60 200 – 240V DC 480 – 500V 50/60	A AD B BD C	XTCERENCOILGA XTCERENCOILGAD XTCERENCOILGB XTCERENCOILGBD XTCERENCOILGC
380 – 440V 50/60 24/50 24/60 24 – 27V DC 42 – 48V 50/60 48 – 60V DC	L T TD W WD	XTCERENCOILGL XTCERENCOILGT XTCERENCOILGTD XTCERENCOILGW XTCERENCOILGWD
Frame L ^②		
110 – 250V AC/DC 250 – 500V 40 – 60 24 – 48V DC 48 – 110V AC/DC	A C TD Y	XTCERENCOILLA XTCERENCOILLC XTCERENCOILLTD XTCERENCOILLY
Frame M ^②		
110 – 250V AC/DC 250 – 500V 40 – 60 24 – 48V DC 48 – 110V AC/DC	A C TD Y	XTCERENCOILMA XTCERENCOILMC XTCERENCOILMTD XTCERENCOILMY
Frame N ^②		
110 – 250V AC/DC 250 – 500V 40 – 60 48 – 110V AC/DC	A C Y	XTCERENCOILNA XTCERENCOILNC XTCERENCOILNY

② Electronic modules including coils.

③ Frame G replacement coils can only be used with contactors having date codes of 2706 or later.

Table 17-27. Replacement Contact Kits

For Use with...	Catalog Number
XTCE040D – XTCE065D XTCE185L – XTCE250L XTCE300M – XTCE500M	XTCERENCONTACTD XTCERENCONTACTL XTCERENCONTACTM
XTCE085F – XTCE095F XTCE115G – XTCE150G	XTCERENCONTACTF XTCERENCONTACTG

Table 17-28. Replacement Vacuum Tube Assembly

For Use with...	Catalog Number
XTCE580N XTCE650N XTCE750N XTCE820N	XTCERENVACT580 XTCERENVACT650 XTCERENVACT750 XTCERENVACT820

Table 17-29. Replacement Arc Chambers

For Use with...	Catalog Number
XTCE185L XTCE225L XTCE250L	XTCERENARC185 XTCERENARC225 XTCERENARC250
XTCE300M XTCE400M XTCE500M	XTCERENARC300 XTCERENARC400 XTCERENARC500

IT Line

IEC Contact Block



Table 17-30. IEC Contact Block

Frame	Amperes	Catalog Number
B-Frame 45 mm	18	E04NB18X3N
	25	E04NB25X3N
	32	E04NB32X3N
C-Frame 54 mm	40	E04NC40X3N
	50	E04NC50X3N
D-Frame 76 mm	65	E04ND65X3N
	85	E04ND85X3N
	100	E04ND10X3N
E-Frame 105 mm	125	E04NE12X3N
	160	E04NE16X3N
	200	E04NE20X3N

IEC Coil Controller



B Frame
Non-reversing
(pictured)

Table 17-31. IEC Coil Controller

Frame	Catalog Number
Non-reversing	
B-Frame — 45 mm	E02NBXCXNN
C-Frame — 54 mm	E02NCXCXNN
D-Frame — 76 mm	E02NDXCXNN
E-Frame — 105 mm	E02NEXCXNN
F-Frame — 140 mm	EMUCCF
Reversing	
B-Frame — 45 mm	E03NBXCXNN
C-Frame — 54 mm	E03NCXCXNN
D-Frame — 76 mm	E03NDXCXNN
E-Frame — 105 mm	E03NEXCXNN
F-Frame — 140 mm	EMUCCF

Coils

Table 17-32. 24V DC Coils

Description	Catalog Number
B-Frame Coil	EMCB
C-Frame Coil	EMCC
D-Frame Coil	EMCD
E-Frame Coil	EMCE
F-Frame Coil	EMCF

IEC Solid-State Overload Relay



Table 17-33. IEC Solid-State Overload Relay

Frame	Overload Adjustment Range (Amperes)	Catalog Number
Non-reversing		
A-Frame 27 mm	.25 – .8	E05NAXRA3A
	.59 – 1.9	E05NAXRB3A
	1.4 – 4.4	E05NAXRC3A
	2.8 – 9.0	E05NAXRD3A
B-Frame 45 mm	3.8 – 12	E05NAXRE3A
	.25 – .8	E05NBXRA3A
	.59 – 1.9	E05NBXRB3A
	1.4 – 4.4	E05NBXRC3A
C-Frame 54 mm	2.8 – 9.0	E05NBXRD3A
	6.3 – 20	E05NBXRG3A
	10 – 32	E05NBXRJ3A
	.25 – .8	E05NCXRA3A
	.59 – 1.9	E05NCXRB3A
	1.4 – 4.4	E05NCXRC3A
	2.8 – 9.0	E05NCXRD3A
	5.0 – 16	E05NCXRF3A
8.4 – 27	E05NCXRH3A	
D-Frame 76 mm	16 – 50	E05NCXRL3A
	5.0 – 16	E05NDXRF3A
	8.4 – 27	E05NDXRH3A
	14 – 45	E05NDXRK3A
E-Frame 105 mm	31 – 100	E05NDXRN3A
	14 – 45	E05NEXRK3A
	28 – 90	E05NEXRM3A
F-Frame 140 mm	42 – 135	E05NEXRP3A
	63 – 200	E05NEXRR3A
	84 – 270	E05NFXRP3A
	131 – 420	E05NFXRS3A
		E05NFXRT3A
	Reversing	
B-Frame 45 mm	.25 – .8	E06NBXRA3A
	.59 – 1.9	E06NBXRB3A
	1.4 – 4.4	E06NBXRC3A
	2.8 – 9.0	E06NBXRD3A
C-Frame 54 mm	6.3 – 20	E06NBXRG3A
	10 – 32	E06NBXRJ3A
	.25 – .8	E06NCXRA3A
	.59 – 1.9	E06NCXRB3A
D-Frame 76 mm	1.4 – 4.4	E06NCXRC3A
	2.8 – 9.0	E06NCXRD3A
	5.0 – 16	E06NCXRF3A
	8.4 – 27	E06NCXRH3A
	16 – 50	E06NCXRL3A
	5.0 – 16	E06NDXRF3A
	8.4 – 27	E06NDXRH3A
	14 – 45	E06NDXRK3A
E-Frame 105 mm	31 – 100	E06NDXRN3A
	14 – 45	E06NEXRK3A
	28 – 90	E06NEXRM3A
	42 – 135	E06NEXRP3A
	63 – 200	E06NEXRR3A
		E06NEXRT3A

Contact Kits



Table 17-34. IEC Contact Kits

Frame Size	Description	Catalog Number
C	3-Pole, 40A	EMCKT40 ①
	3-Pole, 50A	EMCKT50 ①
D	3-Pole, 65A	EMCKT65 ①
	3-Pole, 85A	EMCKT85 ①
	3-Pole, 100A	EMCKT100 ①
E	3-Pole, 125A	EMCKT125
	3-Pole, 160A	EMCKT160
	3-Pole, 200A	EMCKT200
F	3-Pole, 250A	EMCKT250
	3-Pole, 315A	EMCKT315
	3-Pole, 420A	EMCKT420

① Includes set of Hold Open and Non-hold Open movable contacts.

24V DC Coils

Table 17-35. 24V DC Coils

	Frame Size	Catalog Number
	B	EMCB
	C	EMCC
	D	EMCD
	E	EMCE
	F	EMCF

Fanning Strips

Table 17-36. Reversing Fanning Strips

IEC Frame	Description	Catalog Number
A-Frame	Line and Load Side, Wire Sets	EMFRA
B-Frame	Line Side	EMFRLB
	Load side	EMFRTB
C-Frame	Line Side	EMFRLC
	Load side	EMFRTC
D-Frame	Line Side	EMFRLD
	Load side	EMFRTD
E-Frame	Line Side	EMFRLE
	Load side	EMFRTE
F-Frame	Line Side Bus Bar Set	EMFRLF
	Load side Bus Bar Set	EMFRTF

Lug Kits and Reversing Kits

For Lug Kits and Reversing Kits, see Accessories, **Page 16-3**.

Connectors



Table 17-37. Control Terminal Connectors

No. of Pins	Pitch (mm)	Description	Catalog Number ②
4	5	Frames A – C, Locking	EMA78L
8	5	Frames A – F, Locking	EMA76L
5	5	Frame F, Locking	EMA77L
4	5	Frame A	EMA78
5	5	Frame A	EMA77
5	5	Frame F, Locking	EMA77LR
6	3.5	Frame A	EMA81
6	3.5	Frame A, Locking	EMA81L
—	—	Reversing Wiring Harness, Frame F	EMA80L

② Suffix L indicates locking.

Mechanical Interlock

Table 17-38. IEC Mechanical Interlock

Frame ③	Catalog Number
B – E F ④	EMMB C321KM50

③ The A-Frame 27 mm does not have a separate mechanical interlock due to its embedded design and board requirements.

④ The F-Frame 140 mm uses the Freedom Series Mechanical Interlock.

Reversing Interface

Table 17-39. IEC 2-Wire Reversing Interface

Description	Catalog Number
8-pin for 45 – 140 mm (IEC 6A – 420A, NEMA Size 00 – 5) Reversing Starters	EMA2WR8
8-pin for 45 – 105 mm (IEC 18A – 200A, NEMA Size 00 – 4) Reversing Contactors	
5-pin for 27 mm (IEC 6A – 12A) or 140 mm (IEC 250A – 420A, NEMA Size 5) Reversing Contactors	EMA2WR5

Freedom Line

IEC Frames A – F

Table 17-40. IEC Frames A – F — See Contactor/Starter Nameplate to Determine Series A1, B1 or C1.

Description	IEC Frames A – F		IEC Frames A – C ①		IEC Frames D – F ①	
	Series A1	Series B1	Series C1	Series B1	Series C1	
	Part Number	Part Number	Part Number	Part Number	Part Number	Part Number
Renewal Parts Publication Number	None	None	None	None	None	None
Contact Kits						
2-Pole	②	②	②	②	②	②
3-Pole	②	②	②	②	②	②
4-Pole	②	②	②	②	②	②
5-Pole	②	②	②	②	②	②
Magnet Coils						
	Coil Suffix					
120V 60 Hz or 110V 50 Hz	A	9-2650-1	9-2875-1	9-2875-1	9-2876-1	9-2876-1
240V 60 Hz or 220V 50 Hz	B	9-2650-2	9-2875-2	9-2875-2	9-2876-2	9-2876-2
480V 60 Hz or 440V 50 Hz	C	9-2650-3	9-2875-3	9-2875-3	9-2876-3	9-2876-3
600V 60 Hz or 550V 50 Hz	D	9-2650-4	9-2875-4	9-2875-4	9-2876-4	9-2876-4
208V 60 Hz	E	9-2650-5	9-2875-5	9-2875-5	9-2876-5	9-2876-5
277V 60 Hz	H	9-2650-13	9-2875-12	9-2875-12	9-2876-12	9-2876-12
208/240V 60 Hz	J	—	9-2875-37	9-2875-37	9-2876-37	9-2876-37
240V 50 Hz	K	9-2650-12	9-2875-11	9-2875-11	9-2876-11	9-2876-11
380 – 415V 50 Hz	L	9-2650-6	9-2875-6	9-2875-6	9-2876-6	9-2876-6
24V 60 Hz – 24V 50 Hz	T	—	9-2875-36	9-2875-36	9-2876-36	9-2876-36
24V 60 Hz	T	9-2650-7	—	—	—	—
24V 50 Hz	U	9-2650-14	9-2875-13	9-2875-13	9-2876-13	9-2876-13
32V 50 Hz	V	9-2650-9	9-2875-16	9-2875-16	9-2876-16	9-2876-16
48V 60 Hz	W	9-2650-8	9-2875-8	9-2875-8	9-2876-8	9-2876-8
48V 50 Hz	Y	9-2650-10	9-2875-9	9-2875-9	9-2876-9	9-2876-9
Overload Relays						
For Replacement on Existing Starters: 3-Pole — Ambient Compensated Bimetallic		C306DN3B	C306DN3B	C306DN3B	C306DN3B	C306DN3B
Current Transformer						
Transformer		—	—	—	—	—
Magnet Frame Armature						
Lower Magnet Frame		②	②	②	②	②
Upper Magnet Frame		②	②	②	②	②

① Non-encapsulated coils.

② Replace with complete contactor.

IEC Frames G, H and J

Table 17-41. IEC Frames G, H and J — See Contactor/Starter Nameplate to Determine Series A1 and B1.

Description	IEC Frame G		IEC Frame H		IEC Frame J	
	Series A1	Series B1	Series A1	Series B1	Series A1	Series B1
	Part Number	Part Number	Part Number	Part Number	Part Number	Part Number
Renewal Parts Publication Number	20862	22178	20862	22178	20862	22178
Contact Kits						
2-Pole	6-65-3	6-65-3	6-65-5	6-65-5	6-65-7	6-65-7
3-Pole	6-65-4	6-65-4	6-65-6	6-65-6	6-65-8	6-65-8
4-Pole	6-65-11	6-65-11	6-65-13	6-65-13	6-65-15	6-65-15
5-Pole	6-65-12	6-65-12	6-65-14	6-65-14	6-65-16	6-65-16
Magnet Coils						
	Coil Suffix					
120V 60 Hz or 110V 50 Hz	A	9-2703-1	9-2703-1	9-2703-1	9-2703-1	9-2703-1
240V 60 Hz or 220V 50 Hz	B	9-2703-2	9-2703-2	9-2703-2	9-2703-2	9-2703-2
480V 60 Hz or 440V 50 Hz	C	9-2703-3	9-2703-3	9-2703-3	9-2703-3	9-2703-3
600V 60 Hz or 550V 50 Hz	D	9-2703-4	9-2703-4	9-2703-4	9-2703-4	9-2703-4
208V 60 Hz	E	9-2703-9	9-2703-9	9-2703-9	9-2703-9	9-2703-9
277V 60 Hz	H	9-2703-7	9-2703-7	9-2703-7	9-2703-7	9-2703-7
240V 50 Hz	K	9-2703-14	9-2703-14	9-2703-14	9-2703-14	9-2703-14
380 – 415V 50 Hz	L	9-2703-8	9-2703-8	9-2703-8	9-2703-8	9-2703-8
24V 60 Hz – 24V 50 Hz	T	—	—	—	—	—
24V 60 Hz	T	9-2703-6	9-2703-6	9-2703-6	9-2703-6	9-2703-6
24V 50 Hz	U	9-2703-12	9-2703-12	9-2703-12	9-2703-12	9-2703-12
32V 50 Hz	V	9-2703-10	9-2703-10	9-2703-10	9-2703-10	9-2703-10
48V 60 Hz	W	9-2703-11	9-2703-11	9-2703-11	9-2703-11	9-2703-11
48V 50 Hz	Y	9-2703-13	9-2703-13	9-2703-13	9-2703-13	9-2703-13
Overload Relays						
For Replacement on Existing Starters: 3-Pole — Ambient Compensated Bimetallic		C306DN3B	C306DN3B	C306DN3B	C306DN3B	C306GN3B
Current Transformer						
Transformer		—	—	—	—	—
Magnet Frame Armature						
Lower Magnet Frame		17-18200	17-18200	17-18200	17-18200	17-18200
Upper Magnet Frame		48-1936	48-1936	48-1936	48-1936	48-1936

Freedom Line

IEC Frames K, L, M and N

Table 17-42. IEC Frames K, L, M and N

Description	IEC Frame K		IEC Frame L	IEC Frame M	IEC Frame N
	Series A1	Series B1			
	Part Number	Part Number	Part Number	Part Number	Part Number
Renewal Parts Publication Number	20862	22178	20427	20427	20427
Contact Kits					
2-Pole	6-65-18	6-65-18	6-43-3	6-43	6-43-5
3-Pole	6-65-17	6-65-17	6-43-4	6-43-2	6-43-6
4-Pole	—	—	—	—	—
5-Pole	—	—	—	—	—
Magnet Coils					
	Coil Suffix				
120V 60 Hz or 110V 50 Hz	A	9-2703-1	9-2703-1	9-2756-1	9-2756-1
240V 60 Hz or 220V 50 Hz	B	9-2703-2	9-2703-2	9-2756-2	9-2756-2
480V 60 Hz or 440V 50 Hz	C	9-2703-3	9-2703-3	9-2756-3	9-2756-3
600V 60 Hz or 550V 50 Hz	D	9-2703-4	9-2703-4	9-2756-4	9-2756-4
208V 60 Hz	E	9-2703-9	9-2703-9	9-2756-5	9-2756-5
277V 60 Hz	H	9-2703-7	9-2703-7	9-2756-9	9-2756-9
240V 50 Hz	K	9-2703-14	9-2703-14	9-2756-13	9-2756-13
380 – 415V 50 Hz	L	9-2703-8	9-2703-8	—	—
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	9-2703-6	9-2703-6	9-2756-6	9-2756-6
24V 50 Hz	U	9-2703-12	9-2703-12	9-2756-11	9-2756-11
32V 50 Hz	V	9-2703-10	9-2703-10	9-2756-10	9-2756-10
48V 60 Hz	W	9-2703-11	9-2703-11	9-2756-15	9-2756-15
48V 50 Hz	Y	9-2703-13	9-2703-13	9-2756-7	9-2756-7
Overload Relays					
For Replacement on Existing Starters 3-Pole — Ambient Compensated Bimetallic	C306GN3B	C306GN3B	10-6530	10-6530-2	10-6530-3
Current Transformer					
Transformer	—	—	—	—	—
Magnet Frame Armature					
Lower Magnet Frame	17-18200	17-18200	17-8955-2	17-8955-2	17-8955-2
Upper Magnet Frame	48-1936	48-1936	48-1902	48-1902	48-1902

IEC Frames P, R, S, T, U and V

Table 17-43. IEC Frames P, R and S

Description		IEC Frame P	IEC Frame R	IEC Frame S
		Part Number	Part Number	Part Number
Renewal Parts Publication Number		22278	22278	22278
Contact Kits	Size	6-294	6-288	6-286
Magnet Coils		Coil Suffix		
120V 60 Hz or 110V 50 Hz	A	9-1891-1	9-1891-1	9-1891-1
200V 50 Hz or 118V 60 Hz	E	—	—	—
240V 60 Hz or 220V 50 Hz	B	9-1891-2	9-1891-2	9-1891-2
254V 50 Hz or 277V 60 Hz	H	—	—	—
380V 50 Hz or 415V 60 Hz	L	—	—	—
480V 60 Hz or 440V 50 Hz	C	9-1891-3	9-1891-3	9-1891-3
600V 60 Hz or 550V 50 Hz	D	9-1891-4	9-1891-4	9-1891-4
208V 60 Hz	E	9-1891-13	9-1891-13	9-1891-13
277V 60 Hz	H	9-1891-26	9-1891-26	9-1891-26
240V 50 Hz	K	9-1891-20	9-1891-20	9-1891-20
380V 50 Hz	L	9-1891-14	9-1891-14	9-1891-14
415V 50 Hz	M	9-1891-21	9-1891-21	9-1891-21
24V 60 Hz	T	9-1891-15	9-1891-15	9-1891-15

Overload Relays

Reference C316 Overload Relays

Magnet Frame Armature

Lower Magnet Frame	48-1030-2	48-1030-2	48-1030-2
Upper Magnet Frame	48-1029-4	48-1029-4	48-1029-4

Table 17-44. IEC Frames T, U and V

Description		IEC Frame T	IEC Frame U	IEC Frame V
		Part Number	Part Number	Part Number
Renewal Parts Publication Number		22275	22276	22586
Contact Kits	Size	6-621	6-622	6-601
Magnet Coils		Coil Suffix		
120V 60 Hz or 110V 50 Hz	A	9-3006	9-3006	9-2698
200V 50 Hz or 118V 60 Hz	E	9-3006-5	9-3006-5	—
240V 60 Hz or 220V 50 Hz	B	9-3006-2	9-3006-2	9-2698-2
254V 50 Hz or 277V 60 Hz	H	9-3006-6	9-3006-6	9-2698-2
380V 50 Hz or 415V 60 Hz	L	9-3006-7	9-3006-7	9-2698-6
480V 60 Hz or 440V 50 Hz	C	9-3006-3	9-3006-3	9-2698-3
600V 60 Hz or 550V 50 Hz	D	9-3006-4	9-3006-4	9-2698-4
208V 60 Hz	E	—	—	9-2698-5
277V 60 Hz	H	—	—	—
240V 50 Hz	K	—	—	—
380V 50 Hz	L	—	—	—
415V 50 Hz	M	—	—	—
24V 60 Hz	T	—	—	—

Overload Relays

Reference C316 Overload Relays

Magnet Frame Armature

Lower Magnet Frame	—	—	—
Upper Magnet Frame	—	—	—

C30CN Lighting Contactors

Magnet Coils for the Base Contactor



Magnetic Coils

Table 17-45. Magnetic Coils

Coil Voltage	Catalog Number
115 – 120V 60 Hz/110V 50 Hz	9-3242-1
230 – 240V 60 Hz/220V 50 Hz	9-3242-2
460 – 480V 60 Hz/440V 50 Hz	9-3242-3
575 – 600V 60 Hz/550V 50 Hz	9-3242-4
200 – 208V 60 Hz	9-3242-5
265 – 277V 60 Hz/240V 50 Hz	9-3242-6
24V 60 Hz/20V 50 Hz	9-3242-7
28V 60 Hz/24V 50 Hz	9-3242-8
347V 60 Hz	9-3242-9

CN35 Lighting Contactors

Table 17-46. Renewal Parts for CN35 Lighting Contactors

Description	10A	20A, 30A	60A	100A	200A	300A
	Series C1	Series C1	Series B1			Series B1
	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.

Contact Kits

2-Pole	①	①	6-65-7	6-43-5	6-44	6-45
3-Pole	①	①	6-65-8	6-43-6	6-44-2	6-45-2
4-Pole	①	①	6-65-15	—	—	—
5-Pole	①	①	6-65-16	—	—	—

Magnet Coils

Coil
Suffix

120V 60 Hz or 110V 50 Hz..	A	9-2875-1	9-2876-1	9-2703-1	9-2756-1	9-1891-1	9-1891-1
240V 60 Hz or 220V 50 Hz..	B	9-2875-2	9-2876-2	9-2703-2	9-2756-2	9-1891-2	9-1891-2
480V 60 Hz or 440V 50 Hz..	C	9-2875-3	9-2876-3	9-2703-3	9-2756-3	9-1891-3	9-1891-3
600V 60 Hz or 550V 50 Hz..	D	9-2875-4	9-2876-4	9-2703-4	9-2756-4	9-1891-4	9-1891-4
208V 60 Hz	E	9-2875-5	9-2876-5	9-2703-9	9-2756-5	9-1891-13	9-1891-13
277V 60 Hz	H	9-2875-12	9-2876-12	9-2703-7	9-2756-9	9-1891-26	9-1891-26
208/240V 60Hz	J	9-2875-37	9-2876-37	—	—	—	—
240V 50Hz	K	9-2875-11	9-2876-11	9-2703-14	9-2756-13	9-1891-20	9-1891-20
380 – 415V 50 Hz	L	9-2875-6	9-2876-6	9-2703-8	—	—	—
380V 50 Hz	L	—	—	—	9-2756-12	9-1891-14	9-1891-14
415V 50 Hz	M	—	—	—	9-2756-8	9-1891-21	9-1891-21
550V 50 Hz	N	—	—	—	9-2756-14	9-1891-8	9-1891-8
24V 60 Hz – 24V 50 Hz.....	T	9-2875-36	9-2876-36	—	—	—	—
24V 60 Hz	T	—	—	9-2703-6	9-2756-6	9-1891-15	9-1891-15
24V 50 Hz	U	9-2875-36	9-2876-13	9-2703-12	9-2756-11	9-1891-16	9-1891-16
32V 50 Hz	V	9-2875-16	9-2876-16	9-2703-10	9-2756-10	—	—
48V 60 Hz	W	9-2875-8	9-2876-8	9-2703-11	9-2756-15	—	—
48V 50 Hz	Y	9-2875-9	9-2876-9	9-2703-13	9-2756-7	9-1891-18	9-1891-18

① Replace with complete contactor.

A202 Lighting Contactors

Table 17-47. AC Coil Renewal Parts for A202 — Magnetically Latched

Voltage	Hz	2-, 3-, 4-Pole		5-Pole	
		Part Number	Part Number	Part Number	Part Number
30 Ampere					
110/120	50/60	7874A93G01	7874A89G01	7874A89G01	7874A89G01
208/240		7874A93G02	7874A89G02	7874A89G02	7874A89G02
277		7874A93G03	7874A89G03	7874A89G03	7874A89G03
440/480		7874A93G04	7874A89G04	7874A89G04	7874A89G04
575		7874A93G05	7874A89G05	7874A89G05	7874A89G05
60 Ampere					
		2-, 3-Pole		4-, 5-Pole	
110/120	50/60	7874A93G01	7874A87G01	7874A87G01	7874A87G01
208/240		7874A93G02	7874A87G02	7874A87G02	7874A87G02
277		7874A93G03	7874A87G03	7874A87G03	7874A87G03
440/480		7874A93G04	7874A87G04	7874A87G04	7874A87G04
575		7874A93G05	7874A87G05	7874A87G05	7874A87G05
100 and 200 Ampere					
110/120	50/60	7874A85G01	7874A83G01	7874A83G01	7874A83G01
208/240		7874A85G02	7874A83G02	7874A83G02	7874A83G02
277		7874A85G03	7874A83G03	7874A83G03	7874A83G03
440/480		7874A85G04	7874A83G04	7874A83G04	7874A83G04
550/575		7874A85G05	7874A83G05	7874A83G05	7874A83G05

Table 17-48. Terminals (Line and Load)

2-Pole	3-Pole	4-Pole	5-Pole
Part Number	Part Number	Part Number	Part Number
30 Ampere			
N/A	N/A	N/A	N/A
60 Ampere			
179C755G17	179C755G16	179C755G17 ①	179C755G16 179C755G17 ②
100 Ampere			
179C755G19	179C755G18	179C755G19 ①	179C755G18 179C755G19 ②
200 Ampere Model K Electrically Held			
179C755G28	179C755G27	179C755G28 ①	179C755G27 179C755G28 ②
200 Ampere Model J Magnetically Latched			
179C755G31	179C755G30	179C755G31 ①	179C755G30 179C755G31 ②

① Order quantity of two for 4-pole design.

② Group members for the 5-pole terminal represent the combination of the 2- and 3-pole number.

Table 17-49. Other Accessories

Description	Size	Part Number
Control Module (Rectifier)	30 – 200A	3915B98G01

Arc boxes, upper base assemblies and cross bars are equivalent to the A201 series. Consult Eaton.

Contact kits are equivalent to the A201 Model J series, with the exception of the magnetically latched 200 ampere unit. It uses Catalog Number 672B788G07 for the 3-pole device. For other poles, consult Eaton.

Replacement Coils

Table 17-50. Vacuum Contactor — Replacement Coils

Description	Suffix	Part Number
Size 4		
110/120V AC, 50/60 Hz	J	9085A57G01
220/240V AC, 50/60 Hz	K	9085A57G02
380/415V AC, 50/60 Hz	H	1D89221G07
440/480V AC, 50/60 Hz	U	9085A57G03
Size 5		
110/120V AC, 50/60 Hz	J	7874A09G01 ^①
220/240V AC, 50/60 Hz	K	7874A09G04 ^②
380/415V AC, 50/60 Hz	H	7874A09G10
440/480V AC, 50/60 Hz	U	7874A09G05
Size 6		
110/120V AC, 50/60 Hz	J	7874A24G01 ^①
220/240V AC, 50/60 Hz	K	7874A24G02 ^②
380/415V AC, 50/60 Hz	H	7874A24G07
440/480V AC, 50/60 Hz	U	7874A24G03

① 125V DC can be directly applied to the Size 5 and 6 coil rated for 120V/60 Hz AC (cannot be applied to Size 4).

② 250V DC can be directly applied to the Size 5 and 6 coil rated for 240V/60 Hz AC (cannot be applied to Size 4).