

Replacement Capabilities

Replacement Capabilities—Contacts and Coils

Description	Coil Suffix	Style and Part Numbers									
		Size 00 Series A1 ①	Size 00 Series B1	Size 00 Series C1	Size 00 Series D1	Size 0	Size 1	Size 2 Series A1	Size 2 Series B1	Size 3 Series A1	Size 3 Series B1
Contact Kits											
Part number on contactor or starter nameplate											
Two-pole without interlock	—	6-21	②	②	②	6-22	6-23	6-24	6-34	6-25	6-35
Three-pole without interlock	—	6-21-2	②	②	②	6-22-2	6-23-2	6-24-2	6-34-2	6-25-2	6-35-2
Three-pole with interlock	—	6-21-3	②	②	—	—	—	—	—	—	—
Four-pole without interlock	—	—	—	—	—	6-22-3	6-23-3	—	6-34-3	—	—
Five-pole without interlock	—	—	—	—	—	6-22-4	6-23-4	—	6-34-4	—	—
Magnet Coils											
120V, 60 Hz or 110V, 50 Hz	A	9-1945-1	9-2183-1	9-2650-1	9-2823-1	9-1887-1	9-1887-1	9-1889-1	9-2526-1	9-1891-1	9-1889-1
240V, 60 Hz or 220V, 50 Hz	B	9-1945-2	9-2183-2	9-2650-2	9-2823-2	9-1887-2	9-1887-2	9-1889-2	9-2526-2	9-1891-2	9-1889-2
480V, 60 Hz or 440V, 50 Hz	C	9-1945-3	9-2183-5	9-2650-3	9-2823-3	9-1887-3	9-1887-3	9-1889-3	9-2526-3	9-1891-3	9-1889-3
600V, 60 Hz or 550V, 50 Hz	D	9-1945-4	9-2183-19	9-2650-4	9-2823-4	9-1887-4	9-1887-4	9-1889-4	9-2526-4	9-1891-4	9-1889-4
208V, 60 Hz	E	9-1945-5	9-2183-17	9-2650-5	9-2823-5	9-1887-5	9-1887-5	9-1889-13	9-2526-5	9-1891-13	9-1889-13
24V, 60 Hz	T	9-1945-8	9-2183-16	9-2650-7	9-2823-18	9-1887-7	9-1887-7	9-1889-20	9-2526-6	9-1891-15	9-1889-20
380V, 50 Hz	L	9-1945-6	9-2183-3	9-2650-6	9-2421-18 ③	9-1887-8	9-1887-8	9-1889-14	9-2526-7	9-1891-14	9-1889-14
277V, 60 Hz	H	9-1945-16	9-2183-18	9-2650-13	9-2823-12 9-2823-17	9-1887-16	9-1887-16	9-1889-31	9-2526-15	9-1891-26	9-1889-31
120 Vdc ④	A1	—	—	—	—	9-2024-2	9-2024-2	9-2025-2	9-2626-2	9-2026-2	9-2025-2
240 Vdc ④	B1	—	—	—	—	9-2024-1	9-2024-1	9-2025-1	9-2626-1	9-2026-1	9-2025-1
24 Vdc ④	T1	—	—	—	—	9-2024-4	9-2024-4	9-2025-4	9-2626-4	9-2026-4	9-2025-4
48 Vdc ④	W1	—	—	—	—	9-2024-3	9-2024-3	9-2025-3	9-2626-3	9-2026-3	9-2025-3

Replacement Capabilities—Contacts and Coils, continued

Description	Coil Suffix	Style and Part Numbers									
		Size 4 Series A1	Size 4 Series B1	Size 5	Size 6 Series A1	Size 6 Series B1	Size 6 Series C1	Size 7 Series A1	Size 7 Series B1	Size 8 Series A1	Size 8 Series B1
Contact Kits											
Part number on contactor or starter nameplate											
Two-pole	—	6-26	6-36-3	6-27	6-28	—	6-601-2	6-28	—	—	—
Three-pole	—	6-26-2	6-36-4	6-27-2	6-28-2	6-570	6-601	6-28-2	6-570	646C829G05	6-571
Magnet Coils											
120V, 60 Hz or 110V, 50 Hz	A	9-1891-1	9-1891-1	9-1891-1	9-1875-1	9-2651	9-2698	9-1875-1	9-2651	438C805G12	9-2654
240V, 60 Hz or 220V, 50 Hz	B	9-1891-2	9-1891-2	9-1891-2	9-1875-2	9-2651-2	9-2698-2	9-1875-2	9-2651-2	438C805G11	9-2654-2
480V, 60 Hz or 440V, 50 Hz	C	9-1891-3	9-1891-3	9-1891-3	9-1875-3	9-2651-3	9-2698-3	9-1875-3	9-2651-3	438C805G10	9-2654-3
600V, 60 Hz or 550V, 50 Hz	D	9-1891-4	9-1891-4	9-1891-4	9-1875-4	9-2651-4	9-2698-4	9-1875-4	9-2651-4	—	9-2654-4
208V, 60 Hz	E	9-1891-13	9-1891-13	9-1891-13	9-1875-14	9-2651-6	9-2698-5	9-1875-14	9-2651-6	438C805G11	9-2654-6
24V, 60 Hz	T	9-1891-15	9-1891-15	9-1891-15	—	—	—	—	—	—	—
380V, 50 Hz	L	9-1891-14	9-1891-14	9-1891-14	—	9-2651-5	9-2698-6	—	9-2651-5	438C805G15	9-2654-5
277V, 60 Hz	H	9-1891-26	9-1891-26	9-1891-26	—	—	—	—	—	—	—
120 Vdc ④	A1	9-2026-2	9-2026-2	9-2026-2	—	—	—	—	—	—	—
240 Vdc ④	B1	9-2026-1	9-2026-1	9-2026-1	—	—	—	—	—	—	—
24 Vdc ④	T1	9-2026-4	9-2026-4	9-2026-4	—	—	—	—	—	—	—
48 Vdc ④	W1	9-2026-3	9-2026-3	9-2026-3	—	—	—	—	—	—	—

Notes

- ① Citation overload relays are no longer available. A Freedom overload may be an option. Contact Control Aftermarket at 1-800-535-8992.
- ② Replace complete contactor.
- ③ Non-encapsulated coil.
- ④ For use in existing DC operated devices. Not for conversion of existing AC operated devices to DC.

NEMA Sizes 4, 5 and 6—See Contactor/Starter Nameplate to Determine Series A1 or B1

Description		NEMA Size 4 Series A1 Part Number	NEMA Size 4 Series B1 Part Number	NEMA Size 5 Series A1 Part Number	NEMA Size 5 Series B1 Part Number	NEMA Size 6 Series A1 Part Number	NEMA Size 6 Series B1 Part Number
Renewal Parts Publication Number		20428	20428	20429	20429	20146	20146
Contact Kits							
Two-pole		6-44	6-26	6-45	6-45	6-601-2	6-648
Three-pole		6-44-2	6-26-2	6-45-2	6-45-2	6-601	—
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	9-2698
240V, 60 Hz or 220V, 50 Hz	B	9-1891-2	9-1891-2	9-1891-2	9-1891-2	9-2698-2	9-2698-2
480V, 60 Hz or 440V, 50 Hz	C	9-1891-3	9-1891-3	9-1891-3	9-1891-3	9-2698-3	9-2698-3
600V, 60 Hz or 550V, 50 Hz	D	9-1891-4	9-1891-4	9-1891-4	9-1891-4	9-2698-4	9-2698-4
208V, 60 Hz	E	9-1891-13	9-1891-13	9-1891-13	9-1891-13	9-2698-5	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	9-2698-6
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	—	—	—	—	—	—
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	9-2698-8
48V, 50 Hz	Y	9-1891-18	9-1891-18	9-1891-18	9-1891-18	—	—
Overload Relays							
For replacement on existing starters three-pole—ambient compensated bimetallic		10-6530-4	10-6530-4	C306DN3B	C306DN3B	C306DN3B	C306DN3B
Current Transformer							
For replacement on existing starters only		—	—	42-3564	42-3564	42-3598	42-3598
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	—	—

NEMA Sizes 7 and 8—See Contactor/Starter Nameplate to Determine Series A1 or B1

Description		NEMA Size 7 Series A1 Part Number	NEMA Size 7 Series B1 Part Number	NEMA Size 8 Series A1 Part Number	NEMA Size 8 Series B1 Part Number
Renewal Parts Publication Number		20848	20848	20849	20849
Contact Kits					
Two-pole		—	—	—	—
Three-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	9-2654
240V, 60 Hz or 220V, 50 Hz	B	9-2698-2	9-2698-2	9-2654-2	9-2654-2
480V, 60 Hz or 440V, 50 Hz	C	9-2698-3	9-2698-3	9-2654-3	9-2654-3
600V, 60 Hz or 550V, 50 Hz	D	9-2698-4	9-2698-4	9-2654-4	9-2654-4
208V, 60 Hz	E	9-2698-5	9-2698-5	9-2654-6	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	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 three-pole—ambient compensated bimetallic		C306DN3B	C306DN3B	C306DN3B	C306DN3B
Magnet Frame Armature ①					
Lower magnet frame		—	—	—	—
Upper magnet frame		—	—	—	—

Note

① Contact Standard Open Control Aftermarket at 1-800-535-8992 for assistance.

IEC Sizes P, R and S

Description		IEC Size P	IEC Size R	IEC Size S
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

IEC Size T, U and V

Description		IEC Size T	IEC Size U	IEC Size V
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		—	—	—

Technology Upgrades

This product currently listed in **Volume 5—Motor Control and Protection, CA08100006E, Tab 1.**