

Replacement Parts

Starters and Contactors – AC Coils

Selection

Ordering Information

► 4th character of starter or contactor catalog number indicates model.

AC Coils — For Class 14, 17, 18, 22, 25, 26, 30, 32, 40, 43

	Size	Model	Volts		Catalog Number	List Price \$
			60Hz	50Hz		
	00-2½	P S (ESP100)	24 120 110-120/220-240 208 220-240 277 220-240/440-480 440-480 575-600	24 110 110/190-220 — 190-220 240 190-220/380-440 380-440 550	75D73070J 75D73070F 75D73070A 75D73070D 75D73070G 75D73070L 75D73070C 75D73070H 75D73070E	60. 60. 60. 60. 60. 60. 60. 60. 60.
	3, 3½	P S (ESP100)	24 120 110-120/220-240 208 220-240 277 220-240/440-480 440-480 575-600	24 110 110/190-220 — 190-220 240 190-220/380-440 380-440 550	75D73251J 75D73251F 75D73251A 75D73251D 75D73251G 75D73251L 75D73251C 75D73251H 75D73251E	129. 129. 129. 129. 129. 129. 129. 129. 129.
	4	G T (ESP100)	24 120 120/220-240 208 220-240 277 220-240/440-480 440-480 575-600	24 110 110/190-220 — 190-220 240 190-220/380-440 380-440 550	75D70131J 75D70131F 75D70131A 75D70131D 75D70131G 75D70131L 75D70131C 75D70131H 75D70131E	155. 155. 155. 155. 155. 155. 155. 155. 155.
	4, 5	V (Vacuum)	23-26 110-127 200-220 220-240 240-277 380-420 440-480 575-600	23-26 110-127 200-220 220-240 240-277 380-420 440-480 575-600	3RT1966-5AB31 3RT1966-5AF31 3RT1966-5AM31 3RT1966-5AP31 3RT1966-5AU31 3RT1966-5AV31 3RT1966-5AR31 3RT1966-5AT31	165.Ⓢ 165.Ⓢ 165.Ⓢ 165.Ⓢ 165.Ⓢ 165.Ⓢ 165.Ⓢ 165.Ⓢ
	5	P	23-26 110-127 200-220 220-240 240-277 380-420 440-480 575-600	23-26 110-127 200-220 220-240 240-277 380-420 440-480 575-600	3RT1965-5AB31 3RT1965-5AF31 3RT1965-5AM31 3RT1965-5AP31 3RT1965-5AU31 3RT1965-5AV31 3RT1965-5AR31 3RT1965-5AT31	155.Ⓢ 155.Ⓢ 155.Ⓢ 155.Ⓢ 155.Ⓢ 155.Ⓢ 155.Ⓢ 155.Ⓢ
	6	P V (Vacuum)	23-26 110-127 200-220 220-240 240-277 380-420 440-480 575-600	23-26 110-127 200-220 220-240 240-277 380-420 440-480 575-600	3RT1975-5AB31 3RT1975-5AF31 3RT1975-5AM31 3RT1975-5AP31 3RT1975-5AU31 3RT1975-5AV31 3RT1975-5AR31 3RT1975-5AT31	200.Ⓢ 200.Ⓢ 200.Ⓢ 200.Ⓢ 200.Ⓢ 200.Ⓢ 200.Ⓢ 200.Ⓢ
	7	H	100-250 150-500	100-250 150-500	75AF750-70 75AF750-71	525. 525.
	8	H	100-250	100-250	75AF1650-70	920.Ⓢ

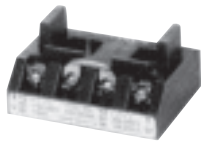



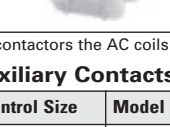
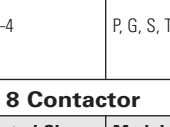
Ⓢ Discount Code: SIRIUS 3R, Contactors, OL's, MSP's.

Ⓢ Set of 2 coils. Recommend to change printed circuit board when changing coils. 49ZP1650 for \$1620 List.

Ordering Information


- ▶ 4th character of starter or contactor catalog number indicates model.
- ▶ DC Coils for Size 00-4 require Late Break Interlock.

DC Coils — For Class 14, 17, 18, 22, 25, 26, 30, 32, 40, 43


	Size	Model	Volts DC	Catalog Number	List Price \$
	00-2½	P S (ESP 100)	12	75D73070R	88.
			24	75D73070S	88.
			32	75D73070T	88.
			48	75D73070U	88.
			125	75D73070V	88.
			250	75D73070W	88.
	3, 3½	P S (ESP 100)	12	75D73251R	191.
			24	75D73251S	191.
			32	75D73251T	191.
			48	75D73251U	191.
			125	75D73251V	191.
			250	75D73251W	191.
	4	G T (ESP 100)	12	75D70131R	302.
			24	75D70131S	302.
			32	75D70131T	302.
			48	75D70131U	302.
			125	75D70131V	302.
			250	75D70131W	302.
	4, 5	V (Vacuum)	23-26	3RT1966-5AB31	165.①
			42-48	3RT1966-5AD31	165.①
			110-127	3RT1966-5AF31	165.①
			240-277	3RT1966-5AU31	165.①
	5	P	23-26	3RT1965-5AB31	155.①
			42-48	3RT1965-5AD31	155.①
			110-127	3RT1965-5AF31	155.①
			240-277	3RT1965-5AU31	155.①
	6	P V (Vacuum)	23-26	3RT1975-5AB31	200.①
			42-48	3RT1975-5AD31	200.①
			110-127	3RT1975-5AF31	200.①
			240-277	3RT1975-5AU31	200.①

Note: For sizes 7 & 8 contactors the AC coils are used for DC see page 8-152. Size 7 also use 75AF740-68 for 24-60 VDC price \$525 list.


Late Break Auxiliary Contacts

	Control Size	Model	Catalog Number	List Price \$
	00-4	P, G, S, T	49AB01LB	46.②

Rectifier

	Control Size	Input Volts, AC	Output Volts, DC	Catalog Number	List Price \$
	00-4	120	125	49D19417006	231.

Board for Size 8 Contactor

	Control Size	Model	Catalog Number	List Price
	8	H	49ZP1650	1620.

Contact Kits – Single Pole Stationary and Movable Contacts, Contact Spring^③

Description	Size	Number of Poles in Kit	Model (4th position in part number)	Catalog Number	List Price \$	
Class 14, 17, 18, 22, 25, 26, 30, 32, 40, 43, 83, 84, 87, 88	Internal Aux Contact (00-1-¾)		P, S	75AF14	17.90	
			P, S	75BF14	19.90	
			P, S	75CF14	30.00	
	1 1¾-1P	1	P, S	75DF14	40.00	
			P, S	75EF14	60.00	
	2	1	P, S	75FP14	72.00	
			P, S	75GP14	107.00	
	3 3½	1	P, S	75HF14	129.00	
			P, S	75IF14	199.00	
	4 4 (Vacuum)	1 3 (Bottles)	G, T V, C	75JG14 3RT1964-6V	259.00 1090.00①	
			P V, C	3RT1966-6A 3RT1966-6V	990.00① 1600.00①	
	5 5 (Vacuum)	3 3 (Bottles)	P V, C	3RT1976-6A 3RT1976-6V	1310.00① 2000.00①	
			P V, C	3RT1976-6A 3RT1976-6V	1310.00① 2000.00①	
	14, 40	7 8	3 3	H H	49ZL750 49ZL1650	3960. 4890.

① Discount Code: SIRIUS 3R, Contactors, OL's, MSP's.

② Discount Code: NEMA Control.

③ On 3 phase controls, all 3 poles should be replaced - 3 kits required.

Replacement Parts

Starters and Contactors – Coil VA Ratings and Overload Relays

Selection

Coil VA Ratings

Device Type	Contactors Size	Amps	Volts	Number of Poles	Total Inrush VA	Total Sealed VA
NEMA Starter	00 thru 2 1/2	—	—	—	218	25
	3 thru 3 1/2	—	—	—	310	26
	4	—	—	—	510	51
	5	—	—	—	590	6.7
	6	—	—	—	830	9.2
	7	—	—	—	850	12
	8	—	—	—	1900	48
	4,5,6 (Vacuum)	—	—	—	630	7.4
Lighting Contactor Mechanically Held (CLM)	—	20	—	—	6	625
	—	30	—	—	40	410
	—	60	—	2-3	40	410
	—	60	—	4-5	40	600
	—	100 - 200	—	2-3	200	900
	—	100 - 200	—	4-5	130	1300
	—	300 - 400	—	3	550	1600
Lighting Contactor Electrically Held (LE)	—	20	24	3	49.6	6.9
	—	20	120	3	51.3	6.57
	—	20	208	3	75.79	11.94
	—	20	240	3	86.78	14.25
	—	20	277	3	79.1	11.97
	—	20	480	3	83.7	12.9
	—	20	600	3	84.1	13.2
	—	20	24	12	73.31	12.66
	—	20	120	12	75.1	13.1
	—	20	208	12	73.97	13.25
	—	20	240	12	89.15	14.85
	—	20	277	12	78.55	12.77
	—	20	480	12	84	12.9
	—	20	600	12	81.9	13.4
	—	30	24	3	49.67	7.08
	—	30	120	3	51.94	6.48
	—	30	208	3	76.57	11.78
	—	30	240	3	64.44	8.99
	—	30	277	3	77.85	14.2
	—	30	480	3	83.6	13.1
	—	30	600	3	82.1	13.4
	—	60	24	3	74.94	13.16
	—	60	120	3	75.77	13.59
	—	60	208	3	78.73	12.05
	—	60	240	3	89.92	14.42
	—	60	277	3	84.89	12.93
	—	60	480	3	87.6	12.7
	—	60	600	3	85.4	13.8
—	100	24	3	182.28	32.85	
—	100	120	3	191.42	32.26	
—	100	208	3	187.78	31.15	
—	100	240	3	215.32	35.63	
—	100	277	3	175.92	30.62	
—	100	480	3	198.2	34.8	
—	100	600	3	171.1	29.6	
—	200	All Voltages Electrically Held	3	300	5.8	
—	300		3	590	6.7	
—	400		3	830	9.2	

Overload Relays^① – For Class 14, 17, 18, 22, 25, 26, 30, 32, 83, 84, 87, 88

Size	Half Size	Model	Number Poles	Ambient Comp Bimetal			
				Catalog Number (1) NC	List Price \$	Catalog Number (1) NO/NC	List Price \$
00-1	—	P	1	48DC18AA3	103.00		
			3	48DC38AA3	107.00	48DC39AA3	139.00
1P	—	P	1	48EC18AA3	135.00		
—	1¼	P	3	48EC38AA3	139.00	48EC39AA3	171.00
2	—	P	1	48GC18AA3	147.00		
			3	48GC38AA3	151.00	48GC39AA3	171.00
—	2½	P	1	48GC18AA3	147.00		
—	—	P	3	48GC38AA3	151.00	48GC39AA3	183.00
3	—	P	3	48HC38AA3	255.00		
—	3½	P	3	48HC38AA3	255.00		
4	—	G	3	48JC38AA3	385.00		

For Starter and Contactor replacement parts not found in this section, please refer to Field Modification kits found starting on page 8/79.


① For replacement Solid State overload relays, please see the Overload Relay section found starting on page 8/47.

Replacement Parts

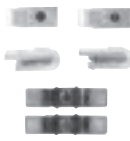
Lighting and Heating Contactors, Type LE, CLM, CMF, CMN

Selection

Coils – AC, 50/60HZ

 <p>3RT1955-5AF31</p>	Type	Amp	Catalog Number							List Price \$
	LE	20, 30, 60	75D70233J	75D70233F	75D70233D	75D70233G	75D70233L	75D70233H	75D70233E	49.50
		100	75D54772J	75D54772F	75D54772D	75D54772G	75D54772L	75D54772H	75D54772E	84.00
		200	3RT1955-5AB31	3RT1955-5AF31	3RT1955-5AM31	3RT1955-5AP31	3RT1955-5AU31	3RT1955-5AR31	3RT1955-5AT31	125.00 ^①
		300	3RT1965-5AB31	3RT1965-5AF31	3RT1965-5AM31	3RT1965-5AP31	3RT1965-5AU31	3RT1965-5AR31	3RT1965-5AT31	155.00 ^①
400		3RT1975-5AB31	3RT1975-5AF31	3RT1975-5AM31	3RT1975-5AP31	3RT1975-5AU31	3RT1975-5AR31	3RT1975-5AT31	200.00 ^①	

Main Contacts (Includes 3 Moving and 6 Fixed Contacts)

 <p>3RT1965-6A</p>	Type	Amp	Catalog Number	List Price \$
	LE	20–100	Not Replaceable	—
		200	3RT1956-6A	520. ^①
		300	3RT1965-6A	795. ^①
400		3RT1975-6A	1120. ^①	


Lighting Contact Assembly - 20 Amp (Power Poles)

Type	Amp	Catalog Number (Verify catalog number on side of contact assembly)	List Price \$
LE	20	49LN02A, 2 NO Contacts Non-Stackable	90.
		49LN20A, 2 NC Contact Non-Stackable	
		49LS20A, 2 NC Contact Stackable	
		49LS10A, 1 NO Contact Stackable	


Auxiliary Contacts - 200 - 400 Amps

Type	Amp	Catalog Number	List Price \$
LE	200-400	3RH1921-1DA11	22. ^①

AC Coils 20 Amps^②

 <p>CLM4097341</p>	Device	Cont Size	Number of Poles	120V, 60Hz 110V, 50Hz	List Price \$	240V, 60Hz 208V, 50Hz	List Price \$	277V 50/60Hz	List Price \$	480V, 60Hz 440V, 50Hz	List Price \$
	CLM	20 Amp	2–12	CLM4097341	92.	CLM4097342	92.	CLM4097343	92.	CLM4097344	92.

AC Coils 30–400 Amps^③

 <p>CLMC4C120 CLMGU3C120</p>	Frame Size	Cont Size	Number of Poles	Catalog Number							List Price \$
	CLMtC	30 Amp	2–3 Pole	CLMC4C024	CLMC4C120	CLMC4C208	CLMC4C240	CLMC4C277	CLMC4C480	CLMC4C600	106.
			4 Pole	CLMC4C024	CLMC4C120	CLMC4C208	CLMC4C240	CLMC4C277	CLMC4C480	CLMC4C600	106.
			5 Pole	CLMC5C024	CLMC5C120	CLMC5C208	CLMC5C240	CLMC5C277	CLMC5C480	CLMC5C600	106.
	CLMtD	60 Amp	2–3 Pole	CLMD3C024	CLMD3C120	CLMD3C208	CLMD3C240	CLMD3C277	CLMD3C480	CLMD3C600	126.
			4 Pole	CLMD5C024	CLMD5C120	CLMD5C208	CLMD5C240	CLMD5C277	CLMD5C480	CLMD5C600	126.
			5 Pole	CLMD5C024	CLMD5C120	CLMD5C208	CLMD5C240	CLMD5C277	CLMD5C480	CLMD5C600	126.
	CLMtE	100, 200 Amp	2–3 Pole	CLME3C024	CLME3C120	CLME3C208	CLME3C240	CLME3C277	CLME3C480	CLME3C600	212.
			4 Pole	CLME5C024	CLME5C120	CLME5C208	CLME5C240	CLME5C277	CLME5C480	CLME5C600	212.
			5 Pole	CLME5C024	CLME5C120	CLME5C208	CLME5C240	CLME5C277	CLME5C480	CLME5C600	212.
CLMtG Latching Coil Unlatch Coil	300 Amp	2–3 Pole	—	CLMGL3C120	CLMGL3C208	CLMGL3C240	CLMGL3C277	CLMGL3C480	CLMGL3C600	457.	
		2–3 Pole	—	CLMGU3C120	CLMGU3C208	CLMGU3C240	CLMGU3C277	CLMGU3C480	CLMGU3C600	457.	
CLMtH Latching Coil Unlatch Coil	400 Amp	2–3 Pole	—	CLMHL3C120	CLMHL3C208	CLMHL3C240	CLMHL3C277	CLMHL3C480	CLMHL3C600	521.	
		2–3 Pole	—	CLMHU3C120	CLMHU3C208	CLMHU3C240	CLMHU3C277	CLMHU3C480	CLMHU3C600	521.	

Control Module Rectifier

Type	Device	Contactor Size	Number of Poles	Catalog Number	List Price \$
CLM	CLMtC to CLMtF	30–200 Amps	All	CLMKCMR	149.

① Discount code: Sirius 3R Contactors, OL's, MSP's.

② Coil kits for 20 amp CLM contactors include the coil clearing auxiliary contact.

③ For 30–200 amp CLM contactors, in the event that either the coil or the control module fails, it is recommended that both be replaced.

Replacement Parts

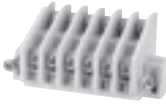
Lighting Contactors, CLM, CMB, CMF, CMN

Selection

Ordering Information

- ▶ **For CLM:** 5th character of contactor catalog number indicates Frame Size.
- ▶ **For CMB, CMF, CMN:** 4th character of contactor catalog number indicates Frame Size.

Main Contacts 20 Amp Lighting Contactors

 CLM4097334	Type	Contactor Size	Number of Poles	Location	Catalog Number	List Price \$
	CLM	20 Amp	2 3 4 6	Top or Bottom Top Top or Bottom Top or Bottom	CLM4097331 CLM4097332 CLM4097333 CLM4097334	231. ^① 259. ^① 317. ^① 375. ^①


Main Contacts 30–400 Amp Lighting Contactors

Type	Frame Size	Contactor Size	Number of Poles	Catalog Number	List Price \$
CLM	C	30 Amp	2	CLMCCK02	119.
			3	CLMCCK03	172.
			4	CLMCCK04	199.
			5	CLMCCK05	239.
	D	60 Amp	2	CLMDCK02	139.
			3	CLMDCK03	225.
			4	CLMDCK04	477.
			5	CLMDCK05	504.
	E	100 Amp	2	CLMECK02	269.
			3	CLMECK03	402.
			4	CLMECK04	536.
			5	CLMECK05	672.
	F	200 Amp	2	CLMFCK02	516.
			3	CLMFCK03	772.
			4	CLMFCK04	1029.
			5	CLMFCK05	1286.
	G	300 Amp	2	CLMGCK02	1277.
			3	CLMGCK03	1894.
	H	400 Amp	2	CLMHCK02	2473.
			3	CLMHCK03	3713.

Auxiliary Contact Blocks 20 Amp Lighting Contactors^②

Type	Contactor Size	Contacts	Catalog Number	List Price \$
CLM	20 Amp	1 Form C NO, NC Contact	CLM4097291	86. ^①
		2 Form C NO, NC Contacts	CLM4097292	173. ^①

Auxiliary Contact Blocks 30–400 Amp Lighting Contactors

 CLMFCAK11	Type	Frame Size	Contactor Size	Contact Configuration	Catalog Number	List Price \$
	CLM	C to F ^③		30–200 Amps	1 NO and 1 NC 2 NC 2 NO 1 Coil Clearing NO and NC	CLMFCAK11 CLMFCAK02 CLMFCAK20 CLMFCC11
G to H ^③			300–400 Amps	1 NO and 1 NC 2 NC 2 NO 1 Coil Clearing NO and NC	CLMHCAK11 CLMHCAK02 CLMHCAK20 CLMHCC11	64. 64. 64. 64.

① Discount Code: Lighting and Heating.

② Maximum 2 blocks per contactor.

③ Maximum 1 block per contactor.