



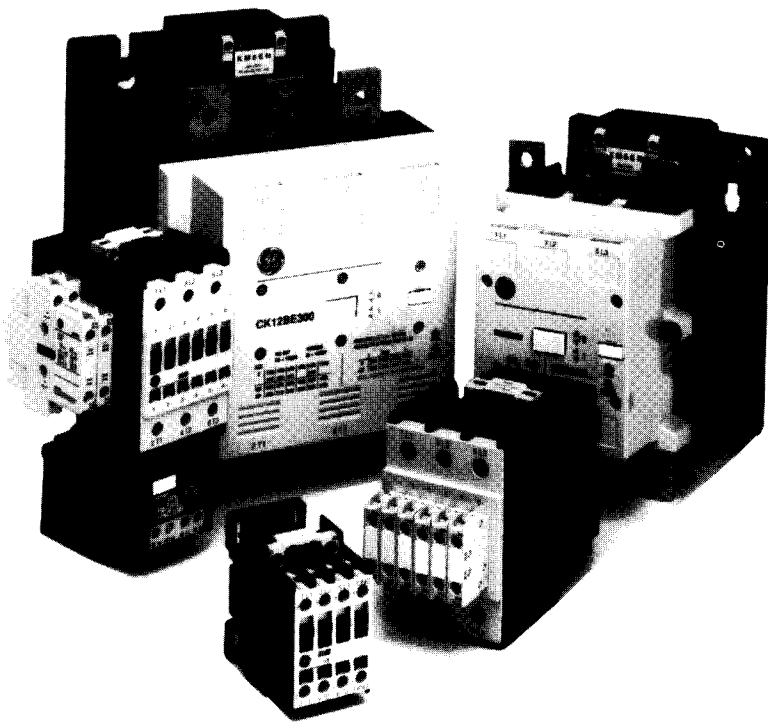
Broaden Your Horizons

C-2000 Contactors & Starters

Broad Line: A wide array of contactors, relays, accessories, enclosures, and assembled starters give you greater design versatility.

Broad Features: C-2000 components are loaded with features that make them easier to install, allow more flexible configurations, lower inventory requirements, and make better use of panelboard space. And their performance is second to none.

Broad Applications: C-2000 components conform to international standards (UL, CSA, and IEC-947) and have dual (U.S./European) markings to ensure global acceptance. A single nomenclature system allows simple sourcing world wide. AC coils (both 50Hz and 60Hz versions) and DC coils are available for a wide range of voltages for flexibility.



C-2000 Control

Product Line

- 3-Pole AC contactors (non-reversing and reversing, ranging from 5-500 hp @ 460 volts)
- 3-Pole DC contactors (ranging from 5-25 hp; ideal for PLCs, utilities and other specialized applications)
- 4-Pole AC contactors (non-reversing, ranging from 7.5 to 500 hp)
- Overload relays (Class 10 versions for contactors in the 5-75 hp range, and Class 10 and Class 30 versions for contactors in the 125-500 hp range) available in two forms — manual/automatic reset and manual-only reset
- Contactor accessories (including front- and side-mount auxiliary contact blocks, mechanical interlocks, pneumatic timers, surge suppressors and flexible cable reset button)
- Electronic actuation module on 125 hp and above
- Enclosures (NEMA 1, 12/3R and 4)
- Assembled starters, non-reversing and reversing, open and enclosed forms
- Wye delta starters
- Control relays (four versions: 4NO, 3NO-1NC, 2NO-2NC, 4NC)

General Specifications

Standards And Listings	IEC 947-1	BS 5424	CSA C.22.2/14
	IEC 947-4	BS 775	EN 50005
	IEC 158-1	CEI 17-3/252	UNE 20109
	CENELEC HD 419	ASE 1025	VDE 0660/102
	NFC.63-110	UL 508	

Pending Standards And Listings SEMKO, NEMKO, DEMKO, Lloyds Register

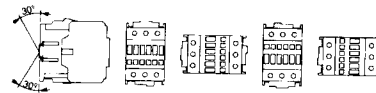
Ambient Temperature
 Operating -13° to +131°F/-25° to +55°C
 Storage -58° to +176°F/-50° to +80°C

Altitude Derating
 Up to 10,00 ft. (3,000 m) Nominal Values
 10,000 to 13,200 ft (3,000 to 4,000 m) 90% rated current
 13,200 to 16,000 ft (4,000 to 5,000 m) 80% rated current

Maximum Rated Voltage 600 VAC

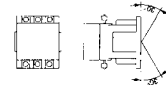
Mounting Position
 3-Pole and 4-Pole CL Contactors (5-75 hp)

To maintain operating integrity, the contactor must be mounted in one of the positions shown below:



3-Pole and 4-Pole CK Contactors (125-500 hp)

The contactor must be installed vertically or tilted a maximum of 30° from vertical, as shown to the side:



Ratings (3- and 4-Pole, AC Controlled)

Contactor	UL Max. FLA	General Purpose Ratings	1-Phase FLA		3-Phase FLA				IEC 947 Power In 380/400V		Ith Contactor Current AC
			HP @ 115V	HP @ 230V	HP @ 200V	HP @ 230V	HP @ 460V	HP @ 575V	Kw	Amps	
CL00	10	25	.5	1.5	3	3	5	7.5	4	9	25
CL01	13.8	25	.75	2	3	3	7.5	10	5.5	12	25
CL02	17.5	32	1	3	5	5	10	15	7.5	18	32
CL25	22/22/17 ^A	32	1.5	3	5	7.5	15	15	11	25	45
CL04	32	54	2	5	10	10	20	25	16	32	60
CL45	34/34/27 ^A	55	3	5	10	10	25	25	18.5	40	60
CL06	48	80	3	7.5	15	15	30	40	22	50	80
CL07	62	100	5	10	20	20	40	50	30	65	110
CL08	68	110(O) 102(E)	5	15	20	25	50	60	37	80	110
CL09	80	140(O) 120(E)	7.5	15	25	30	60	75	45	95	140
CL10	104/96/80 ^A	140(O) 120(E)	10	20	30	40	75	75	55	105	140
CK08	156	175	N/A	N/A	50	60	125	125	90	185	250
CK09	192	200	N/A	N/A	60	75	150	150	132	250	315
CK95	302	310	N/A	N/A	100	100	250	300	160	310	500
CK10BE	398	500	N/A	N/A	125	150	300	400	220	420	600
CK11BE	480	650	N/A	N/A	150	200	400	500	280	550	700
CK12BE	602	750(O) 650(E)	N/A	N/A	200	250	500	600	375	700	1000

^A Amps at 230V/460V/575V

Note: (O) = Open, (E) = Enclosed

References

- DEA-016 Promotional Brochure
- DEP-014 Purchasing Guide
- DET-034 Technical Brochure



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