

Contactor

Ordering Instructions

- Use complete catalog number. Replace the (*) with letter from the coil table.
- Other additional information see Definite Purpose Catalog SFPC-18010-0797.

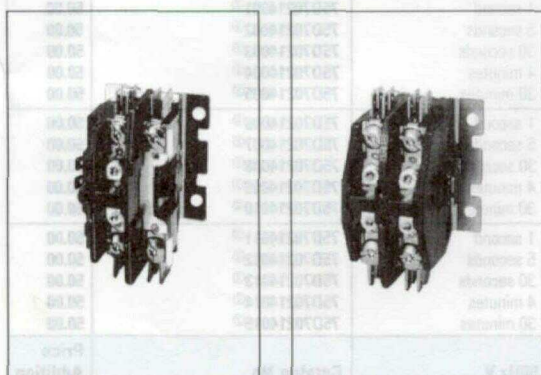
Coil Table

60Hz	50Hz Voltage	Letter
24	24	J
110-120	110	F
200-208	—	D
208-240	190-220	G
277	240	L
440-480	380-440	H
550-600	550	E

For other voltages and frequencies see Factory Modifications, page 414.

Class 45

FLA	120V Hp	240V LRA	Hp	277V LRA	Hp	480V LRA	Hp	600V LRA	Hp	Non Inductive Amps	Poles	Catalog No	Price \$
20	—	120	—	110	—	100	—	80	—	25	1	45CG10A*A	31.
20	—	120	—	120	—	100	—	100	—	30	1	45CG10A*D8A	33.
25	—	125	—	115	—	100	—	80	—	35	1	45DG10A*A	33.
25	—	150	—	150	—	125	—	100	—	40	1	45DG10A*D8A	35.
30	—	180	—	180	—	150	—	120	—	40	1	45EG10A*A	38.
35	—	180	—	180	—	150	—	120	—	50	1	45FG10A*A	42.
40	—	240	—	240	—	200	—	160	—	55	1	45GG10A*A	46.
20	—	—	—	120	—	100	—	80	—	30	2	45CG20A*	46.
25	—	—	—	150	—	125	—	100	—	35	2	45DG20A*	61.
30	—	—	—	180	—	135	—	110	—	40	2	45EG20A*	66.
35	—	—	—	200	—	135	—	110	—	50	2	45FG20A*	71.
40	—	—	—	240	—	200	—	160	—	55	2	45GG20A*	75.



20-40 Amp, Single Pole

20-40 Amp, 2 Pole

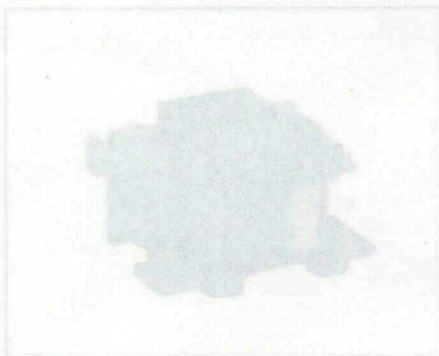
FLA	120V Hp	240V LRA	Hp	277V LRA	Hp	480V LRA	Hp	600V LRA	Hp	Non Inductive Amps	Poles	Catalog No	Price \$
20	—	120	—	110	—	100	—	80	—	25	1	45CG10A*A	31.
20	—	120	—	120	—	100	—	100	—	30	1	45CG10A*D8A	33.
25	—	125	—	115	—	100	—	80	—	35	1	45DG10A*A	33.
25	—	150	—	150	—	125	—	100	—	40	1	45DG10A*D8A	35.
30	—	180	—	180	—	150	—	120	—	40	1	45EG10A*A	38.
35	—	180	—	180	—	150	—	120	—	50	1	45FG10A*A	42.
40	—	240	—	240	—	200	—	160	—	55	1	45GG10A*A	46.
20	—	—	—	120	—	100	—	80	—	30	2	45CG20A*	46.
25	—	—	—	150	—	125	—	100	—	35	2	45DG20A*	61.
30	—	—	—	180	—	135	—	110	—	40	2	45EG20A*	66.
35	—	—	—	200	—	135	—	110	—	50	2	45FG20A*	71.
40	—	—	—	240	—	200	—	160	—	55	2	45GG20A*	75.

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Definite Purpose
Control

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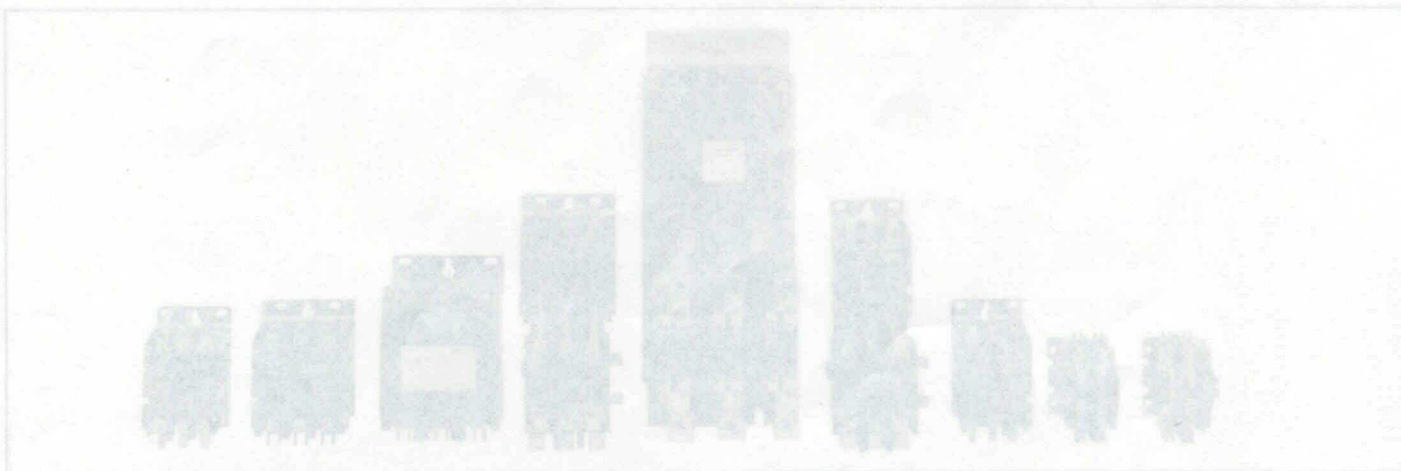
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Factory Assembled Modifications	414
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Starters from Siemens & Furnas provide dependable full voltage control of:

- Compressors
- Air Conditioning Motors
- Heating and Refrigeration Motors
- Gains Drives
- Conveyors
- Custom Pump Motors

Replacement Parts			
Class 42	Class 45	Part No.	See P.A.
42-001	45-001	PM-001	25, 30, 40
42-002	45-002	PM-002	50, 60
42-003	45-003	PM-003	75, 90
42-004	45-004	PM-004	120, 150



Notes for assembly, wiring and application information are available from Definite Purpose Controls, Inc. or your nearest Definite Purpose distributor. Contact 800-541-1234 for more information.

Siemens & Furnas offers the broadest line of Definite Purpose motor controls available. Our starters and contactors range from 20 to 650 amperes with silver cadmium oxide contacts and large copper heat sinks. These devices provide superior weld resistance characteristics, high conductivity and high resistance to arc erosion. The result of these and other design features assure long, trouble free electrical and mechanical life. Products with these features include:

- UL File E14900
- CSA File LR6535
- CE Approved: Class 42 thru 60A Class 45



Class 42

Contactors for reliable full voltage control of:

- Compressor Motors
- Electric Heating Loads

Class 45

Single Pole Contactors designed to control:

- Fan Loads
- Data Processing Equipment
- Refrigeration Equipment
- Battery Chargers
- Variable Speed Drive
- Welders

Class 16

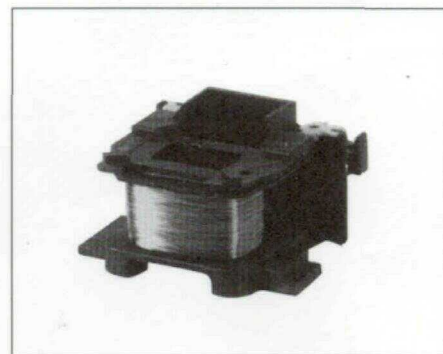
Starters from Siemens & Furnas provide dependable full voltage control of:

- Compressors
- Air Conditioning Motors
- Heating and Refrigeration Motors
- Grain Driers
- Conveyors
- Custom Pump Motors

Definite Purpose Starters are available in 13 sizes with Bimetal or Bimetal Ambient Compensated overload protection. All units meet or exceed UL and CSA requirements.

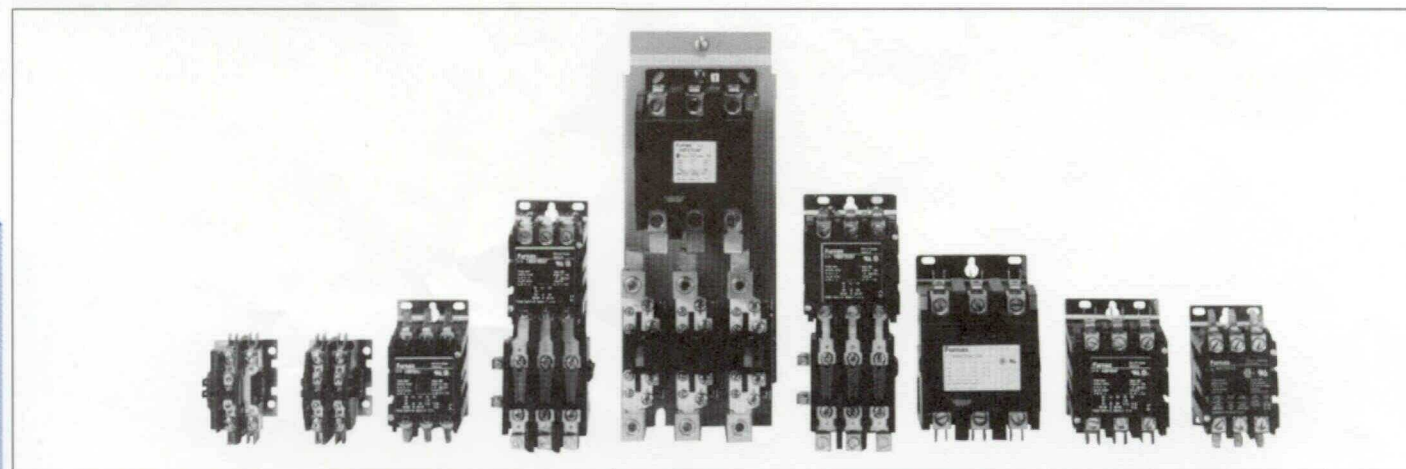
Coils

30 through 60 amperes Class 42 contactors and starters have enclosed Class H insulated coils. This design improves corrosion resistance and minimizes the possibility of failure by contaminants. The coil eliminates the need for molded coils in most high temperature or humid applications.



Reference Literature

Size FLA	Instruction Sheet	Replacement Part	
		Class 16	Class 42
25, 30, 40	PM-60.1	16-GBF	42-GBF
50, 60	PM-60.1	16-GDF	42-GDF
75, 90	PM-60.1	16-GFE	42-GFE
120, 150	PM-60.1	16-GHF	16-GHF



Note: For complete catalog and application information on our extensive line of definite purpose controls request catalog SFPC-18919-0797 from your local sales office or distributor.