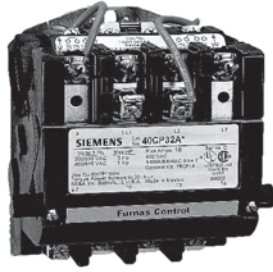


Heavy Duty Contactors

3-Phase, Class 40

Selection



Ordering Information

- ▶ Replace the (*) with a letter from the coil table. Dual voltage coils are wired on high voltage unless specified on order.
- ▶ Field Modification Kits see page 8/82.
- ▶ Factory Modifications see page 8/95.
- ▶ Dimensions see pages 8/107 open and 8/116 enclosed.
- ▶ Wiring Diagrams see page 8/142.
- ▶ Replacement Parts see page 8/157.

Coil Table

60Hz Voltage	Letter
24 Separate Control	J
120 Separate Control	F
110-120/220-240 ^①	A
200-208	D
220-240	G
277	L
220-240/440-480 ^①	C
440-480	H
575-600	E

For other voltages and frequencies, see Factory Modifications page 8/95.

Open Type & Standard Width Enclosure, 3-Phase, 3-Pole

Max Hp				Contactor Amp Rating	NEMA Size	Half Size	Enclosure											
200 Volts	230 Volts	460 Volts	575 Volts				Open Type ^④		NEMA 1 General Purpose		NEMA 4/4X Stainless ^② Watertight, Dust-tight Corrosion Resistant 304 Stainless Steel		NEMA 4X Fiberglass Watertight, Dust-tight Corrosion Resistant		NEMA 7 & 9 NEMA 3 & 4 Div1 and Div 2 Class I Groups C & D Class II Groups E, F & G Class III Bolted Enclosures Indoor/Outdoor Use		NEMA 12 ^③ NEMA 3/3R Industrial Use Weatherproof	
							Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$
1 1/2	1 1/2	2	2	9	00	—	40BP32A*	40BP32B*	Use Size 0	—	Use Size 0	—	Use Size 0	—	Use Size 0	—		
3	3	5	5	18	0	—	40CP32A*	40CP32B*	40CP32W*	40CP32F*	40CP32H*	40CP32H*	40CP32H*	40CP32H*	40CP32H*	40CP32H*		
7 1/2	7 1/2	10	10	27	1	—	40DP32A*	40DP32B*	40DP32W*	40DP32F*	40DP32H*	40DP32H*	40DP32H*	40DP32H*	40DP32H*	40DP32H*		
10	10	15	15	40	—	1 1/4	40EP32A*	40EP32B*	40EP32W*	40EP32F*	40EP32H*	40EP32H*	40EP32H*	40EP32H*	40EP32H*	40EP32H*		
10	15	25	25	45	2	—	40FP32A*	40FP32B*	40FP32W*	40FP32F*	40FP32H*	40FP32H*	40FP32H*	40FP32H*	40FP32H*	40FP32H*		
15	20	30	30	60	—	2 1/2	40GP32A*	40GP32B*	40GP32W*	40GP32F*	40GP32H*	40GP32H*	40GP32H*	40GP32H*	40GP32H*	40GP32H*		
25	30	50	50	90	3	—	40HP32A*	40HP32B*	40HP32W*	40HP32F*	40HP32H*	40HP32H*	40HP32H*	40HP32H*	40HP32H*	40HP32H*		
30	40	75	75	115	—	3 1/2	40IP32A*	40IP32B*	40IP32W*	40IP32F*	40IP32H*	40IP32H*	40IP32H*	40IP32H*	40IP32H*	40IP32H*		
40	50	100	100	135	4	—	40JG32A*	40JG32B*	40JG32W*	40JG32F*	40JG32H*	40JG32H*	40JG32H*	40JG32H*	40JG32H*	40JG32H*		
75	100	200	200	270	5	—	40LP32A*	40LP32B*	40LP32E* ^③	—	—	—	—	—	—	—		
150	200	400	400	540	6	—	40MP32A*	40MP32B*	40MP32E* ^③	—	—	—	—	—	—	—		
—	300	600	600	810	7 ^②	—	40NH32A*	40NH32B*	40NH32E* ^③	—	—	—	—	—	—	—		
—	450	900	900	1215	8 ^②	—	40PH32A*	40PH32B*	40PH32E* ^③	—	—	—	—	—	—	—		

Extra Wide Enclosure, 3-Phase, 3-Pole

Max Hp				Contactor Amp Range	NEMA Size	Half Size	Enclosure							
200 Volts	230 Volts	460 Volts	575 Volts				NEMA 1 ^④ General Purpose		NEMA 4/4X Stainless ^② Watertight, Dust-tight Corrosion Resistant 304 Stainless Steel		NEMA 7 & 9 NEMA 3 & 4 Div 1 and Div 2 Class I Groups C & D Class II Groups E, F & G Class III Bolted Enclosures Indoor/Outdoor Use		NEMA 12 ^③ NEMA 3/3R Industrial Use Weatherproof	
							Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$
1 1/2	1 1/2	2	2	9	00	—	40BP82B*	Use Size 0	—	Use Size 0	—	Use Size 0	—	
3	3	5	5	18	0	—	40CP82B*	40CP82W*	40CP82H*	40CP82H*	40CP82H*	40CP82H*	40CP82H*	
7 1/2	7 1/2	10	10	27	1	—	40DP82B*	40DP82W*	40DP82H*	40DP82H*	40DP82H*	40DP82H*	40DP82H*	
10	10	15	15	40	—	1 3/4	40EP82B*	40EP82W*	40EP82H*	40EP82H*	40EP82H*	40EP82H*	40EP82H*	
10	15	25	25	45	2	—	40FP82B*	40FP82W*	40FP82H*	40FP82H*	40FP82H*	40FP82H*	40FP82H*	
15	20	30	30	60	—	2 1/2	40GP82B*	40GP82W*	40GP82H*	40GP82H*	40GP82H*	40GP82H*	40GP82H*	
25	30	50	50	90	3	—	40HP82B*	40HP82W*	40HP82H*	40HP82H*	40HP82H*	40HP82H*	40HP82H*	
30	40	75	75	115	—	3 1/2	40IP82B*	40IP82W*	40IP82H*	40IP82H*	40IP82H*	40IP82H*	40IP82H*	
40	50	100	100	135	4	—	40JG82B*	40JG82W*	40JG82H*	40JG82H*	40JG82H*	40JG82H*	40JG82H*	

Note: Hp's shown above are based on the overload amp range for the FLA's (per the National Electric Code) of typical industrial motors. All starter sizes carry one maximum Hp rating.

- ① Dual voltage coils not available in size 5-8 starters.
- ② For conduit hubs and conversion instructions, see page 8/88.

③ Enclosure is NEMA Type 4 (painted steel).

- ④ Only available
F coil 100-250V AC 50/60Hz, or DC
H coil 150-500V AC 50/60Hz, or DC

- ⑤ Only available
F coil 100-250V AC 50/60Hz, or DC

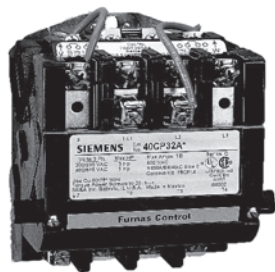
Standard Auxiliary Contacts			
Type	Size (3rd Character)	Configuration	Internal / External
All FVNR Starters & Contactors	B Thru E	1N.O.	Internal
	F Thru J	1N.O.	External
	L Thru M	2N.O., 2N.C.	External
	N Thru P	1N.O., 1N.C.	External

⑦ Lugs are not included, refer to page 8/86.

Heavy Duty Contactors

Single Phase, 4-Pole & Vacuum, Class 40

Selection



Ordering Information

- ▶ Replace the (*) with a letter from the coil table. Dual voltage coils are wired on high voltage unless specified on order.
- ▶ Field Modification Kits see page 8/82.
- ▶ Factory Modifications see page 8/95.
- ▶ Dimensions see pages 8/107 open and 8/116 enclosed.
- ▶ Wiring Diagrams see page 8/142.
- ▶ Replacement Parts see page 8/157.

Coil Table

60Hz Voltage	Letter
24 Separate Control	J
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200-208	D
220-240	G
277	L
220-240/440-480 ^①	C
440-480	H
575-600	E

For other voltages and frequencies, see Factory Modifications page 8/95.

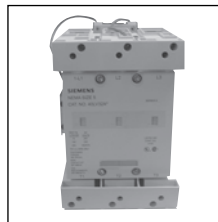
Open Type & Standard Width Enclosure, Single Phase, 2-Pole^{③④}

Max Hp					Enclosure											
115 Volts	208/230 Volts	Contactor Amp Rating	NEMA Size	Half Size	Open Type ^⑤		NEMA 1 General Purposes		NEMA 4/4X Stainless ^② Watertight, Dust-tight Corrosion Resistant		NEMA 4X Fiberglass Watertight, Dust-tight Corrosion Resistant 304 Stainless Steel		NEMA 7 & 9 NEMA 3 & 4 Div 1 and Div 2 Class I Groups C & D Class II Groups E, F & G Class III Bolted Enclosure Indoor/Outdoor Use		NEMA 12 NEMA 3/3R ^② Industrial Use Weatherproof	
					Catalog No	List Price \$	Catalog No	List Price \$	Catalog No	List Price \$	Catalog No	List Price \$	Catalog No	List Price \$	Catalog No	List Price \$
1/8	1	9	00	—	40BP12A*	40BP12B*	Use Size 0	—	Use Size 0	—	Use Size 0	—	Use Size 0	—	Use Size 0	—
1	2	18	0	—	40CP12A*	40CP12B*	40CP12W*	—	40CP12F*	—	40CP12H*	—	40CP12H*	—	40CP120*	—
2	3	27	1	—	40DP12A*	40DP12B*	40DP12W*	—	40DP12F*	—	40DP12H*	—	40DP12H*	—	40DP120*	—
3	5	35	1P	—	40EP12A*	40EP12B*	40EP12W*	—	40EP12F*	—	40EP12H*	—	40EP12H*	—	40EP120*	—
3	7 1/2	45	2	—	40FP12A*	40FP12B*	40FP12W*	—	40FP12F*	—	40FP12H*	—	40FP12H*	—	40FP120*	—
5	10	60	—	2 1/2	40GP12A*	40GP12B*	40GP12W*	—	40GP12F*	—	40GP12H*	—	40GP12H*	—	40GP120*	—
7 1/2	15	90	3	—	40HP12A*	40HP12B*	40HP12W*	—	40HP12F*	—	40HP12H*	—	40HP12H*	—	40HP120*	—
—	—	115	—	3 1/2	40IP12A*	40IP12B*	40IP12W*	—	40IP12F*	—	40IP12H*	—	40IP12H*	—	40IP120*	—
—	—	135	4	—	40JG12A*	40JG12B*	40JG12W*	—	40JG12F*	—	40JG12H*	—	40JG12H*	—	40JG120*	—

Open Type & Standard Width Enclosure, 4-Pole

Max Hp						Enclosure												
200 Volts	230 Volts	460 Volts	575 Volts	Contactor Amp Rating	NEMA Size	Half Size	Open Type		NEMA 1 General Purpose		NEMA 4/4X Stainless ^② Watertight, Dust-tight Corrosion Resistant 304 Stainless Steel		NEMA 4X Fiberglass Watertight, Dust-tight Corrosion Resistant		NEMA 7 & 9 NEMA 3 & 4 Div 1 and Div 2 Class I Groups C & D Class II Groups E, F & G Class III Bolted Enclosure Indoor/Outdoor Use		NEMA 12 NEMA 3/3R ^② Industrial Use Weatherproof	
							Catalog No	List Price \$	Catalog No	List Price \$	Catalog No	List Price \$	Catalog No	List Price \$	Catalog No	List Price \$	Catalog No	List Price \$
1/8	1 1/2	2	2	9	00	—	40BP22A*	40BP22B*	Use Size 0	—	Use Size 0	—	Use Size 0	—	Use Size 0	—	Use Size 0	—
2	3	5	5	18	0	—	40CP22A*	40CP22B*	40CP22W*	—	40CP22F*	—	40CP22H*	—	40CP22H*	—	40CP220*	—
3	7 1/2	10	10	27	1	—	40DP22A*	40DP22B*	40DP22W*	—	40DP22F*	—	40DP22H*	—	40DP22H*	—	40DP220*	—
5	10	15	15	40	—	1 1/4	40EP22A*	40EP22B*	40EP22W*	—	40EP22F*	—	40EP22H*	—	40EP22H*	—	40EP220*	—

Vacuum Contactors, 3-Phase, 3-Pole^①



Max Hp				Contactor Amp Rating	NEMA Size	Open Type	
200V	230V	460V	575V			Catalog Number	List Price \$
40	50	100	100	135	4	40JV32A*	
75	100	200	200	270	5	40LV32A*	
150	200	400	400	540	6	40MV32A*	

Note: Hp's shown above are based on the overload amp range for the FLA's (per the National Electric Code) of typical industrial motors. All starter sizes carry one maximum Hp rating.

① Dual voltage coils not available for vacuum contactors. Refer to Page 8/95 for a complete list of available coil voltages.

② For conduit hubs and conversion instructions, see page 8/88.

③ To order single phase contactor in an extra wide enclosure, order the enclosure kit from Page 16-91 and the open style contactor as separate items.

④ Coils D, F, or G will be wired for incoming voltage. J coil will be wired for separate source. Coils E, H, and L do not apply to single phase starters.

⑤ 1 NO Auxiliary.