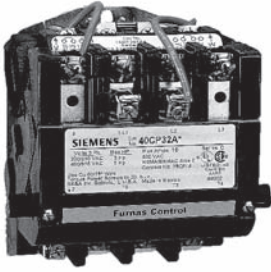


3-Phase, Class 40

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 9/104.
- ▶ Factory Modifications see page 9/119.
- ▶ Dimensions see pages 9/144 open and 9/157 enclosed.
- ▶ Wiring Diagrams see page 9/184.
- ▶ Replacement Parts see page 9/131.

Coil Table

60Hz Voltage	Letter
24	J
120	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 9/119.

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 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 ^② NEMA 3/3R Industrial Use Weatherproof						
200 Volts	230 Volts	460 Volts	575 Volts	Amp Rating	NEMA Size	Half Size	Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$
1½	1½	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*		40CP32O*	
7½	7½	10	10	27	1	—	40DP32A*		40DP32B*		40DP32W*		40DP32F*		40DP32H*		40DP32O*	
10	10	15	15	40	—	1¼	40EP32A*		40EP32B*		40EP32W*		40EP32F*		40EP32H*		40EP32O*	
10	15	25	25	45	2	—	40FP32A*		40FP32B*		40FP32W*		40FP32F*		40FP32H*		40FP32O*	
15	20	30	30	60	—	2½	40GP32A*		40GP32B*		40GP32W*		40GP32F*		40GP32H*		40GP32O*	
25	30	50	50	90	3	—	40HP32A*		40HP32B*		40HP32W*		40HP32F*		40HP32H*		40HP32O*	
30	40	75	75	115	—	3½	40IP32A*		40IP32B*		40IP32W*		40IP32F*		40IP32H*		40IP32O*	
40	50	100	100	135	4	—	40JG32A*		40JG32B*		40JG32W*		40JG32F*		40JG32H*		40JG32O*	
75	100	200	200	270	5	—	40LP32A*		40LP32B*		40LP32E* ^③		—	—	40LP32H*		40LP32O*	
150	200	400	400	540	6	—	40MP32A*		40MP32B*		40MP32E* ^③		—	—	—	—	40MP32O*	
—	300	600	600	810	7 ^④	—	40NH32A*		40NH32B*		40NH32E* ^③		—	—	—	—	40NH32O*	
—	450	900	900	1215	8 ^⑤	—	40PH32A*		40PH32B*		40PH32E* ^③		—	—	—	—	40PH32O*	

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 ^② NEMA 3/3R Industrial Use Weatherproof						
200 Volts	230 Volts	460 Volts	575 Volts	Amp Range	NEMA Size	Half Size	Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$
1½	1½	2	2	9	00	—	40BP82B*		Use Size 0	—	Use Size 0	—	Use Size 0	—	Use Size 0	—
3	3	5	5	18	0	—	40CP82B*		40CP82W*		40CP82H*		40CP82O*		40CP82O*	
7½	7½	10	10	27	1	—	40DP82B*		40DP82W*		40DP82H*		40DP82O*		40DP82O*	
10	10	15	15	40	—	1¼	40EP82B*		40EP82W*		40EP82H*		40EP82O*		40EP82O*	
10	15	25	25	45	2	—	40FP82B*		40FP82W*		40FP82H*		40FP82O*		40FP82O*	
15	20	30	30	60	—	2½	40GP82B*		40GP82W*		40GP82H*		40GP82O*		40GP82O*	
25	30	50	50	90	3	—	40HP82B*		40HP82W*		40HP82H*		40HP82O*		40HP82O*	
30	40	75	75	115	—	3½	40IP82B*		40IP82W*		40IP82H*		40IP82O*		40IP82O*	
40	50	100	100	135	4	—	40JG82B*		40JG82W*		40JG82H*		40JG82O*		40JG82O*	

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 9/110.

③ Enclosure is NEMA Type 4 (painted steel).

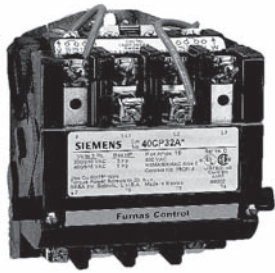
- ④ Only available
F coil 100-250V AC 50/60Hz, or DC
H coil 150-500V AC 50/60Hz, or DC
- ⑤ Only available
F coil 100-250V AC 50/60Hz, or DC

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 9/108.

Single Phase, 4-Pole & Vacuum, Class 40

Selection

	Ordering Information <ul style="list-style-type: none"> ▶ 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 9/104. ▶ Factory Modifications see page 9/119. ▶ Dimensions see pages 9/144 open and 9/157 enclosed. ▶ Wiring Diagrams see page 9/184. ▶ Replacement Parts see page 9/131. 	Coil Table <table border="1"> <thead> <tr> <th>60Hz Voltage</th> <th>Letter</th> </tr> </thead> <tbody> <tr><td>24</td><td>J</td></tr> <tr><td>120</td><td>F</td></tr> <tr><td>110–120/220–240^①</td><td>A</td></tr> <tr><td>200–208</td><td>D</td></tr> <tr><td>220–240</td><td>G</td></tr> <tr><td>277</td><td>L</td></tr> <tr><td>220–240/440–480^①</td><td>C</td></tr> <tr><td>440–480</td><td>H</td></tr> <tr><td>575–600</td><td>E</td></tr> </tbody> </table> <p>For other voltages and frequencies, see Factory Modifications page 9/119.</p>	60Hz Voltage	Letter	24	J	120	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
	60Hz Voltage	Letter																				
24	J																					
120	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																					


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 [®] 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	—
1	2	18	0	—	40CP12A*		40CP12B*		40CP12W*		40CP12F*		40CP12H*		40CP120*	
2	3	27	1	—	40DP12A*		40DP12B*		40DP12W*		40DP12F*		40DP12H*		40DP120*	
3	5	35	1P	—	40EP12A*		40EP12B*		40EP12W*		40EP12F*		40EP12H*		40EP120*	
3	7 1/2	45	2	—	40FP12A*		40FP12B*		40FP12W*		40FP12F*		40FP12H*		40FP120*	
5	10	60	—	2 1/2	40GP12A*		40GP12B*		40GP12W*		40GP12F*		40GP12H*		40GP120*	
7 1/2	15	90	3	—	40HP12A*		40HP12B*		40HP12W*		40HP12F*		40HP12H*		40HP120*	

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 [®] 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	—
2	3	5	5	18	0	—	40CP22A*		40CP22B*		40CP22W*		40CP22F*		40CP22H*		40CP220*	
3	7 1/2	10	10	27	1	—	40DP22A*		40DP22B*		40DP22W*		40DP22F*		40DP22H*		40DP220*	
5	10	15	15	40	—	1 1/4	40EP22A*		40EP22B*		40EP22W*		40EP22F*		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 9/119 for a complete list of available coil voltages.

② For conduit hubs and conversion instructions, see page 9/110.

③ To order single phase contactor in an extra wide enclosure, order the enclosure kit from Page 9/113 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.