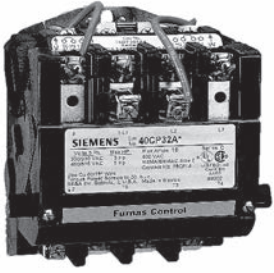


# Heavy Duty Contactors

## 3-Phase, Class 40

### Selection

	<b>Ordering Information</b> <ul style="list-style-type: none"> <li>▶ Replace the (*) with a letter from the coil table. Dual voltage coils are wired on high voltage unless specified on order.</li> <li>▶ Field Modification Kits see page 9/81.</li> <li>▶ Factory Modifications see page 9/93.</li> <li>▶ Dimensions see pages 9/109 open and 9/119 enclosed.</li> <li>▶ Wiring Diagrams see page 9/139.</li> <li>▶ Replacement Parts see page 9/99.</li> </ul>	<b>Coil Table</b>																		
		<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<sup>①</sup></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<sup>①</sup></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 9/93.</p>	60Hz Voltage	Letter	24	J	120	F	110–120/220–240 <sup>①</sup>	A	200–208	D	220–240	G	277	L	220–240/440–480 <sup>①</sup>	C	440–480	H
60Hz Voltage	Letter																			
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440–480	H																			
575–600	E																			

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

Max Hp				Cont-actor Amp Rating	NEMA Size	Half Size	Enclosure				
200 Volts	230 Volts	460 Volts	575 Volts				Open Type <sup>④</sup>	NEMA 1 General Purpose	NEMA 4/4X Stainless Watertight, Dust-tight Corrosion Resistant 304 Stainless Steel	NEMA 4X Fiberglass Watertight, Dust-tight Corrosion Resistant	NEMA 3R/4/12 Watertight, Dust-tight, Weatherproof
							Catalog Number	Catalog Number	Catalog Number	Catalog Number	Catalog Number
1 1/2	1 1/2	2	2	9	00	—	40BP32A*	40BP32B*	Use Size 0	Use Size 0	Use Size 0
3	3	5	5	18	0	—	40CP32A*	40CP32B*	40CP32W*	40CP32F*	40CP320*
7 1/2	7 1/2	10	10	27	1	—	40DP32A*	40DP32B*	40DP32W*	40DP32F*	40DP320*
10	10	15	15	40	—	1 1/4	40EP32A*	40EP32B*	40EP32W*	40EP32F*	40EP320*
10	15	25	25	45	2	—	40FP32A*	40FP32B*	40FP32W*	40FP32F*	40FP320*
15	20	30	30	60	—	2 1/2	40GP32A*	40GP32B*	40GP32W*	40GP32F*	40GP320*
25	30	50	50	90	3	—	40HP32A*	40HP32B*	40HP32W*	40HP32F*	40HP320*
30	40	75	75	115	—	3 1/2	40IP32A*	40IP32B*	40IP32W*	40IP32F*	40IP320*
40	50	100	100	135	4	—	40JG32A*	40JG32B*	40JG32W*	40JG32F*	40JG320*
75	100	200	200	270	5	—	40LP32A*	40LP32B*	—	—	40LP320*
150	200	400	400	540	6	—	40MP32A*	40MP32B*	—	—	40MP320*
—	300	600	600	810	7 <sup>②⑤</sup>	—	40NH32A*	40NH32B*	—	—	40NH320*
—	450	900	900	1215	8 <sup>③⑥</sup>	—	40PH32A*	40PH32B*	—	—	40PH320*

### Extra Wide Enclosure, 3-Phase, 3-Pole

Max Hp				Cont-actor Amp Rating	NEMA Size	Half Size	Enclosure		
200 Volts	230 Volts	460 Volts	575 Volts				NEMA 1 <sup>④</sup> General Purpose	NEMA 4/4X Stainless Watertight, Dust-tight Corrosion Resistant 304 Stainless Steel	NEMA 3R/4/12 Watertight, Dust-tight, Weatherproof
							Catalog Number	Catalog Number	Catalog Number
1 1/2	1 1/2	2	2	9	00	—	40BP82B*	Use Size 0	Use Size 0
3	3	5	5	18	0	—	40CP82B*	40CP82W*	40CP820*
7 1/2	7 1/2	10	10	27	1	—	40DP82B*	40DP82W*	40DP820*
10	10	15	15	40	—	1 1/4	40EP82B*	40EP82W*	40EP820*
10	15	25	25	45	2	—	40FP82B*	40FP82W*	40FP820*
15	20	30	30	60	—	2 1/2	40GP82B*	40GP82W*	40GP820*
25	30	50	50	90	3	—	40HP82B*	40HP82W*	40HP820*
30	40	75	75	115	—	3 1/2	40IP82B*	40IP82W*	40IP820*
40	50	100	100	135	4	—	40JG82B*	40JG82W*	40JG820*

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 Only available  
F coil 100-250V AC 50/60Hz, or DC  
H coil 150-500V AC 50/60Hz, or DC  
③ 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

④ Lugs are not included, refer to page 9/85.