

# Combination Multi Speed Heavy Duty Starters

Selection

## Two Speed Constant or Variable Torque with Solid State Overload, Class 32

NEMA and HP Rated Control

2



Ordering Information	Coil Table	Low Speed FLA Table																																																												
<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>▶ Replace the (†) with the letter that corresponds to the correct low speed FLA in the FLA table<sup>Ⓞ</sup>.</li> <li>▶ For self-reset overload option on Sizes 0-5, change 4th character from "S" or "T" to "R". No price addition.</li> <li>▶ Technical Data, see pages 133-138.</li> <li>▶ For fuse clips see page 127.</li> <li>▶ Field Modification Kits, see pages 121-125.</li> <li>▶ Factory Modifications, see pages 126-132.</li> <li>▶ Dimensions, see page 150.</li> <li>▶ Wiring Diagrams, see pages 161-162.</li> <li>▶ Replacement Parts, see page 882.</li> </ul>	<table border="1"> <thead> <tr> <th>60Hz Voltage</th> <th>Letter</th> <th>Size</th> <th>FLA</th> <th>†</th> </tr> </thead> <tbody> <tr> <td>24 Separate Control</td> <td>J</td> <td>0,1</td> <td>0.25-1</td> <td>A</td> </tr> <tr> <td>120 Separate Control</td> <td>F</td> <td>0,1</td> <td>0.75-3</td> <td>B</td> </tr> <tr> <td>110-120/220-240</td> <td>A</td> <td>0,1</td> <td>2.5-10</td> <td>D</td> </tr> <tr> <td>200-208</td> <td>D</td> <td>0-1<sup>3/4</sup></td> <td>9-18</td> <td>E</td> </tr> <tr> <td>220-240</td> <td>G</td> <td>1-4</td> <td>13-27</td> <td>F</td> </tr> <tr> <td>277</td> <td>L</td> <td>1<sup>3/4</sup></td> <td>20-40</td> <td>G</td> </tr> <tr> <td>220-240/440-480<sup>Ⓞ②</sup></td> <td>C</td> <td>2-4</td> <td>22-45</td> <td>H</td> </tr> <tr> <td>440-480<sup>③</sup></td> <td>H</td> <td>2<sup>1/2</sup>-4</td> <td>30-60</td> <td>J</td> </tr> <tr> <td>575-600<sup>③</sup></td> <td>E</td> <td>3-4</td> <td>45-90</td> <td>K</td> </tr> <tr> <td></td> <td></td> <td>3<sup>1/2</sup>-4</td> <td>57-115</td> <td>L</td> </tr> <tr> <td></td> <td></td> <td>4</td> <td>67-135</td> <td>M</td> </tr> </tbody> </table>	60Hz Voltage	Letter	Size	FLA	†	24 Separate Control	J	0,1	0.25-1	A	120 Separate Control	F	0,1	0.75-3	B	110-120/220-240	A	0,1	2.5-10	D	200-208	D	0-1 <sup>3/4</sup>	9-18	E	220-240	G	1-4	13-27	F	277	L	1 <sup>3/4</sup>	20-40	G	220-240/440-480 <sup>Ⓞ②</sup>	C	2-4	22-45	H	440-480 <sup>③</sup>	H	2 <sup>1/2</sup> -4	30-60	J	575-600 <sup>③</sup>	E	3-4	45-90	K			3 <sup>1/2</sup> -4	57-115	L			4	67-135	M	
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### One Winding Consequent Pole—Non Fusible Disconnect, 3 Phase

Max Hp				NEMA Size	Half Size	Overload Amp Range	Disc Size Amps	Enclosure					
200 Volts	230 Volts	460 Volts	575 Volts					NEMA 1 General Purpose		NEMA 4/4X Stainless <sup>Ⓞ</sup> Watertight, Dusttight Corrosion Resistant 304 Stainless Steel		NEMA 12 NEMA 3/3R <sup>Ⓞ</sup> Industrial Use Weatherproof	
								Catalog No	Price \$	Catalog No	Price \$	Catalog No	Price \$
1/2	3/4	1 1/2	1 1/2	0	—	0.75-3	30	32CSB192B2V2*	1980.	32CSB192W2V2*	3166.	32CSB192N2V2*	2234.
2	2	5	5	0	—	2.5-10	30	32CSD192B2V2*	1980.	32CSD192W2V2*	3166.	32CSD192N2V2*	2234.
3	3	—	—	0	—	9-18	30	32CSE192B2V2*	1980.	32CSE192W2V2*	3166.	32CSE192N2V2*	2234.
1/2	3/4	1 1/2	1 1/2	1	—	0.75-3	30	32DSB192B2V2*	2072.	32DSB192W2V2*	3259.	32DSB192N2V2*	2327.
2	2	5	5	1	—	2.5-10	30	32DSD192B2V2*	2072.	32DSD192W2V2*	3259.	32DSD192N2V2*	2327.
3	3	10	10	1	—	9-18	30	32DSE192B2V2*	2072.	32DSE192W2V2*	3259.	32DSE192N2V2*	2327.
7 1/2	7 1/2	—	—	1	—	13-27	30	32DSF192B2V2*	2072.	32DSF192W2V2*	3259.	32DSF192N2V2*	2327.
—	—	15	15	—	1 1/4	13-27	60	32ESF192B2V2*	2619.	32ESF192W2V2*	3806.	32ESF192N2V2*	2874.
10	10	—	—	—	1 1/4	20-40	60	32ESG192B2V2*	2619.	32ESG192W2V2*	3806.	32ESG192N2V2*	2874.
—	—	15	15	2	—	13-27	60	32FSF192B2V2*	3320.	32FSF192W2V2*	4800.	32FSF192N2V2*	3721.
10	15	25	25	2	—	22-45	60	32FSH192B2V2*	3320.	32FSH192W2V2*	4800.	32FSH192N2V2*	3721.
—	—	30	30	—	2 1/2	22-45	100	32GSH192B2V2*	4160.	32GSH192W2V2*	5639.	32GSH192N2V2*	4561.
15	20	—	—	—	2 1/2	30-60	100	32GSJ192B2V2*	4160.	32GSJ192W2V2*	5639.	32GSJ192N2V2*	4561.
—	—	40	40	3	—	30-50	100	32HSJ192B2V2*	4753.	32HSJ192W2V2*	7280.	32HSJ192N2V2*	5632.
25	30	50	50	3	—	45-90	100	32HSK192B2V2*	4753.	32HSK192W2V2*	7280.	32HSK192N2V2*	5632.
30	40	75	75	—	3 1/2	57-115	200	32ISL192B2V2*	10146.	32ISL192W2V2*	14121.	32ISL192N2V2*	12596.
40	50	100	100	4	—	67-135	200	32JTM192B2V2*	11071.	32JTM192W2V2*	15046.	32JTM192N2V2*	13521.
50	75	150	150	—	4 1/2	100-210	400	32KTSS92B2V2*	20431.	32KTSS92W2V2*	31717.	32KTSS92N2V2*	27110.
75	100	200	200	5	—	100-270	400	32LTUU92B2V2*	21278.	32LTUU92W2V2*	32796.	32LTUU92N2V2*	28189.
150	200	400	400	6	—	200-540	600	32MTXX92B2V2*	48458.	32MTXX92E2V2*	52310.	32MTXX92N2V2*	50538.
—	300	600	600	7	—	420-820	1200	32NTYY92B2V2*	61301.	32NTYY92E2V2*	65153.	32NTYY92N2V2*	63381.

**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.

ⓄIf motor FLA are unknown, select overload on the basis that low speed FLA will be no greater than 50% of high speed FLA.

ⓄDual voltage coils not available in modified starters or in sizes 4 1/2-7.

ⓄNot available with self-reset option.

ⓄFor NEMA 4X fiberglass enclosure change 9th character of catalog number to F. Example: 32CSB192F2V2\*. Price addition see page 130. Available through size 4. NEMA sizes 6 and 7 are NEMA 4 painted enclosures.


ⓄNEMA 12 may be field modified for NEMA 3/3R, see page 125.



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 NEMA and HP  
 Rated Control

### Two Separate Windings—Non Fusible Disconnect, 3 Phase

Max Hp				NEMA Size	Half Size	Overload Amp Range	Disc Size Amps	Enclosure					
200 Volts	230 Volts	460 Volts	575 Volts					NEMA 1 General Purpose		NEMA 4/4X Stainless <sup>③</sup> Watertight, Dust-tight Corrosion Resistant 304 Stainless Steel		NEMA 12 NEMA 3/3R <sup>④</sup> Industrial Use Weatherproof	
								Catalog No	Price \$	Catalog No	Price \$	Catalog No	Price \$
1/2	3/4	1 1/2	1 1/2	0	—	0.75-3	30	32CSB192B1V2*	1641.	32CSB192W1V2*	2827.	32CSB192N1V2*	1895.
2	2	5	5	0	—	2.5-10	30	32CSD192B1V2*	1641.	32CSD192W1V2*	2827.	32CSD192N1V2*	1895.
3	3	—	—	0	—	9-18	30	32CSE192B1V2*	1641.	32CSE192W1V2*	2827.	32CSE192N1V2*	1895.
1/2	3/4	1 1/2	1 1/2	1	—	0.75-3	30	32DSB192B1V2*	1749.	32DSB192W1V2*	2935.	32DSB192N1V2*	2003.
2	2	5	5	1	—	2.5-10	30	32DSD192B1V2*	1749.	32DSD192W1V2*	2935.	32DSD192N1V2*	2003.
3	3	10	10	1	—	9-18	30	32DSE192B1V2*	1749.	32DSE192W1V2*	2935.	32DSE192N1V2*	2003.
7 1/2	7 1/2	—	—	1	—	13-27	30	32DSF192B1V2*	1749.	32DSF192W1V2*	2935.	32DSF192N1V2*	2003.
—	—	15	15	—	1/4	13-27	60	32ESF192B1V2*	2180.	32ESF192W1V2*	3367.	32ESF192N1V2*	2434.
10	10	—	—	—	1/4	20-40	60	32ESG192B1V2*	2180.	32ESG192W1V2*	3367.	32ESG192N1V2*	2434.
—	—	15	15	2	—	13-27	60	32FSF192B1V2*	2704.	32FSF192W1V2*	4183.	32FSF192N1V2*	3105.
10	15	25	25	2	—	22-45	60	32FSH192B1V2*	2704.	32FSH192W1V2*	4183.	32FSH192N1V2*	3105.
—	—	30	30	—	2 1/2	22-45	100	32GSH192B1V2*	3436.	32GSH192W1V2*	4915.	32GSH192N1V2*	3837.
15	20	—	—	—	2 1/2	30-60	100	32GSJ192B1V2*	3436.	32GSJ192W1V2*	4915.	32GSJ192N1V2*	3837.
—	—	40	40	3	—	30-50	100	32HSJ192B1V2*	3924.	32HSJ192W1V2*	6448.	32HSJ192N1V2*	4800.
25	30	50	50	3	—	45-90	100	32HSK192B1V2*	3924.	32HSK192W1V2*	6448.	32HSK192N1V2*	4800.
30	40	75	75	—	3 1/2	57-115	200	32ISL192B1V2*	7650.	32ISL192W1V2*	11625.	32ISL192N1V2*	10100.
40	50	100	100	4	—	67-135	200	32JTM192B1V2*	8266.	32JTM192W1V2*	12242.	32JTM192N1V2*	10716.
50	75	150	150	—	4 1/2	100-210	400	32KTS92B1V2*	17419.	32KTS92W1V2*	28703.	32KTS92N1V2*	24098.
75	100	200	200	5	—	100-270	400	32LTU92B1V2*	18497.	32LTU92W1V2*	29784.	32LTU92N1V2*	25177.
150	200	400	400	6	—	200-540	600	32MTX92B1V2*	38389.	32MTX92E1V2*	42241.	32MTX92N1V2*	40469.
—	300	600	600	7	—	420-820	1200	32NTY92B1V2*	47418.	32NTY92E1V2*	51270.	32NTY92N1V2*	49498.

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.

③If motor FLA are unknown, select overload on the basis that low speed FLA will be no greater than 50% of high speed FLA.

- ①Dual voltage coils not available in modified starters or in sizes 4 1/2-7.
- ②Not available with self-reset option.
- ③For NEMA 4X fiberglass enclosure change 9th character of catalog number to F. Example: 32CSB192F1V2\*. Price addition see page 130. Available through size 4. NEMA sizes 6 and 7 are NEMA 4 painted enclosures.
- ④NEMA 12 may be field modified for NEMA 3/3R, see page 125.

Discount Code: NEMA Control

Siemens Industrial Control Products



# Combination Multi Speed Heavy Duty Starters

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Two Speed Constant or Variable Torque with Ambient Comp. Bimetal Overload, Class 32

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NEMA and HP  
Rated Control



### Ordering Information

- ▶ Replace the (\*) with a letter from the coil table. Dual voltage coils are wired on high voltage unless specified on order.
- ▶ Heater elements see page 884. (6 required)
- ▶ Technical Data, see pages 133–138.
- ▶ For fuse clips see page 127.
- ▶ Field Modification Kits, see pages 121–125.
- ▶ Factory Modifications, see pages 126–132.
- ▶ Dimensions, see page 150.
- ▶ Wiring Diagrams, see pages 161–162.
- ▶ Replacement Parts, see page 882.

### Coil Table

60Hz Voltage	Letter
24 Separate Control	J
120 Separate Control	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
575–600	E

For other voltages and frequencies, see Factory Modifications page 129.

### One Winding Consequent Pole—Non-Fusible Disconnect Type, 3 Phase

Max Hp				NEMA Size	Half Size	Cont Amp Rating	Disc Amp Rating	Enclosure					
200 Volts	230 Volts	460 Volts	575 Volts					NEMA 1 General Purpose		NEMA 4/4X Stainless <sup>②</sup> Watertight, Dust-tight Corrosion Resistant 304 Stainless Steel		NEMA 12 NEMA 3/3R <sup>③</sup> Industrial Use Weatherproof	
								Catalog No	Price \$	Catalog No	Price \$	Catalog No	Price \$
3	3	5	5	0	—	18	30	32CP92B2V2*81	1911.	32CP92W2V2*81	3097.	32CP92N2V2*81	2165.
7½	7½	10	10	1	—	27	30	32DP92B2V2*81	2003.	32DP92W2V2*81	3189.	32DP92N2V2*81	2257.
10	10	15	15	—	1¼	40	60	32EP92B2V2*81	2550.	32EP92W2V2*81	3736.	32EP92N2V2*81	2804.
10	15	25	25	2	—	45	60	32FP92B2V2*81	3251.	32FP92W2V2*81	4730.	32FP92N2V2*81	3652.
15	20	30	30	—	2½	60	100	32GP92B2V2*81	4091.	32GP92W2V2*81	5570.	32GP92N2V2*81	4491.
25	30	50	50	3	—	90	100	32HP92B2V2*81	4684.	32HP92W2V2*81	7211.	32HP92N2V2*81	5562.
30	40	75	75	—	3½	115	200	32IP92B2V2*81	10077.	32IP92W2V2*81	14052.	32IP92N2V2*81	12527.
40	50	100	100	4	—	135	200	32JP92B2V2*81	11001.	32JP92W2V2*81	14977.	32JP92N2V2*81	13451.
50	75	150	150	—	4½	210	400	ESP100 Solid State Overload Standard, see page 82 for selection.					
75	100	200	200	5	—	270	400						
150	200	400	400	6	—	540	600						
—	300	600	600	7	—	810	1200						

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Max Hp				NEMA Size	Half Size	Cont Amp Rating	Disc Amp Rating	Enclosure					
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								Catalog No	Price \$	Catalog No	Price \$	Catalog No	Price \$
3	3	5	5	0	—	18	30	32CP92B1V2*81	1572.	32CP92W1V2*81	2758.	32CP92N1V2*81	1826.
7½	7½	10	10	1	—	27	30	32DP92B1V2*81	1679.	32DP92W1V2*81	2866.	32DP92N1V2*81	1934.
10	10	15	15	—	1¼	40	60	32EP92B1V2*81	2111.	32EP92W1V2*81	3297.	32EP92N1V2*81	2365.
10	15	25	25	2	—	45	60	32FP92B1V2*81	2635.	32FP92W1V2*81	4114.	32FP92N1V2*81	3035.
15	20	30	30	—	2½	60	100	32GP92B1V2*81	3367.	32GP92W1V2*81	4846.	32GP92N1V2*81	3767.
25	30	50	50	3	—	90	100	32HP92B1V2*81	3852.	32HP92W1V2*81	6379.	32HP92N1V2*81	4730.
30	40	75	75	—	3½	115	200	32IP92B1V2*81	7581.	32IP92W1V2*81	11556.	32IP92N1V2*81	10031.
40	50	100	100	4	—	135	200	32JP92B1V2*81	8197.	32JP92W1V2*81	12172.	32JP92N1V2*81	10647.
50	75	150	150	—	4½	210	400	ESP100 Solid State Overload Standard, see page 83 for selection.					
75	100	200	200	5	—	270	400						
150	200	400	400	6	—	540	600						
—	300	600	600	7	—	810	1200						

①Dual voltage coils not available in modified starters.  
 ②For NEMA 4X fiberglass enclosure change 9th character of catalog number to F. Example: 32CP92F2V2\*81. Price addition see page 130. Available through size 4.  
 ③NEMA 12 may be field modified for NEMA 3/3R, see page 125.

# Combination Multi Speed Heavy Duty Starters

Selection

## Two Speed Constant or Variable Torque with Solid Overload, Class 32

	<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>▶ Replace the (†) with the letter that corresponds to the correct low speed FLA in the FLA table.®</li> <li>▶ For self-reset overload option on Sizes 0-5, change 4th character from "S" or "T" to "R". No price addition.</li> <li>▶ Technical Data, see pages 133-138.</li> <li>▶ Field Modification Kits, see pages 121-125.</li> <li>▶ Factory Modifications, see pages 126-132.</li> <li>▶ Dimensions, see page 150.</li> <li>▶ Wiring Diagrams, see pages 161-162.</li> <li>▶ Replacement Parts, see page 882.</li> </ul>	<b>Coil Table</b> <table border="1"> <thead> <tr> <th>60Hz Voltage</th> <th>Letter</th> <th>Size</th> <th>FLA</th> <th>†</th> </tr> </thead> <tbody> <tr> <td>24 Separate Control</td> <td>J</td> <td>0,1</td> <td>0.25-1</td> <td>A</td> </tr> <tr> <td>120 Separate Control</td> <td>F</td> <td>0,1</td> <td>0.75-3</td> <td>B</td> </tr> <tr> <td>110-120/220-240®</td> <td>A</td> <td>0,1</td> <td>2.5-10</td> <td>D</td> </tr> <tr> <td>200-208</td> <td>D</td> <td>0-1<sup>3/4</sup></td> <td>9-18</td> <td>E</td> </tr> <tr> <td>220-240</td> <td>G</td> <td>1-4</td> <td>13-27</td> <td>F</td> </tr> <tr> <td>277</td> <td>L</td> <td>1<sup>3/4</sup></td> <td>20-40</td> <td>G</td> </tr> <tr> <td>220-240/440-480®</td> <td>C</td> <td>2-4</td> <td>22-45</td> <td>H</td> </tr> <tr> <td>440-480®</td> <td>H</td> <td>2<sup>1/2</sup>-4</td> <td>30-60</td> <td>J</td> </tr> <tr> <td>575-600®</td> <td>E</td> <td>3-4</td> <td>45-90</td> <td>K</td> </tr> <tr> <td></td> <td></td> <td>3<sup>1/2</sup>-4</td> <td>57-115</td> <td>L</td> </tr> <tr> <td></td> <td></td> <td>4</td> <td>67-135</td> <td>M</td> </tr> </tbody> </table>	60Hz Voltage	Letter	Size	FLA	†	24 Separate Control	J	0,1	0.25-1	A	120 Separate Control	F	0,1	0.75-3	B	110-120/220-240®	A	0,1	2.5-10	D	200-208	D	0-1 <sup>3/4</sup>	9-18	E	220-240	G	1-4	13-27	F	277	L	1 <sup>3/4</sup>	20-40	G	220-240/440-480®	C	2-4	22-45	H	440-480®	H	2 <sup>1/2</sup> -4	30-60	J	575-600®	E	3-4	45-90	K			3 <sup>1/2</sup> -4	57-115	L			4	67-135	M	<b>Low Speed FLA Table</b> <table border="1"> <thead> <tr> <th>Size</th> <th>FLA</th> <th>†</th> </tr> </thead> <tbody> <tr> <td>0,1</td> <td>0.25-1</td> <td>A</td> </tr> <tr> <td>0,1</td> <td>0.75-3</td> <td>B</td> </tr> <tr> <td>0,1</td> <td>2.5-10</td> <td>D</td> </tr> <tr> <td>0-1<sup>3/4</sup></td> <td>9-18</td> <td>E</td> </tr> <tr> <td>1-4</td> <td>13-27</td> <td>F</td> </tr> <tr> <td>1<sup>3/4</sup></td> <td>20-40</td> <td>G</td> </tr> <tr> <td>2-4</td> <td>22-45</td> <td>H</td> </tr> <tr> <td>2<sup>1/2</sup>-4</td> <td>30-60</td> <td>J</td> </tr> <tr> <td>3-4</td> <td>45-90</td> <td>K</td> </tr> <tr> <td>3<sup>1/2</sup>-4</td> <td>57-115</td> <td>L</td> </tr> <tr> <td>4</td> <td>67-135</td> <td>M</td> </tr> </tbody> </table>	Size	FLA	†	0,1	0.25-1	A	0,1	0.75-3	B	0,1	2.5-10	D	0-1 <sup>3/4</sup>	9-18	E	1-4	13-27	F	1 <sup>3/4</sup>	20-40	G	2-4	22-45	H	2 <sup>1/2</sup> -4	30-60	J	3-4	45-90	K	3 <sup>1/2</sup> -4	57-115	L	4	67-135	M
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2  
NEMA and HP  
Rated Control

### One Winding Consequent Pole—Circuit Breaker Type, 3 Phase

Max Hp				NEMA Size	Half Size	Overload Amp Range	Motor Circuit Interrupter ETI Amps	Enclosure					
200 Volts	230 Volts	460 Volts	575 Volts					NEMA 1 General Purpose		NEMA 4/4X Stainless® Watertight, Dust-tight Corrosion Resistant 304 Stainless Steel		NEMA 12 NEMA 3/3R® Industrial Use Weatherproof	
								Catalog No	Price \$	Catalog No	Price \$	Catalog No	Price \$
1/2	1/2	1	1	0	—	0.75-3	3	32CSB†92B2V*	2342.	32CSB†92W2V*	3528.	32CSB†92N2V*	2596.
2	2	5	5	0	—	2.5-10	10	32CSD†92B2V*	2342.	32CSD†92W2V*	3528.	32CSD†92N2V*	2596.
3	3	—	—	0	—	9-18	25	32CSE†92B2V*	2342.	32CSE†92W2V*	3528.	32CSE†92N2V*	2596.
1/2	1/2	1	1	1	—	0.75-3	3	32DSB†92B2V*	2434.	32DSB†92W2V*	3621.	32DSB†92N2V*	2689.
2	2	5	5	1	—	2.5-10	10	32DSD†92B2V*	2434.	32DSD†92W2V*	3621.	32DSD†92N2V*	2689.
3	3	7 1/2	10	1	—	9-18	25	32DSE†92B2V*	2434.	32DSE†92W2V*	3621.	32DSE†92N2V*	2689.
7 1/2	7 1/2	10	—	1	—	13-27	30	32DSF†92B2V*	2434.	32DSF†92W2V*	3621.	32DSF†92N2V*	2689.
—	—	15	15	—	1 1/4	13-27	30	32ESF†92B2V*	3020.	32ESF†92W2V*	4206.	32ESF†92N2V*	3274.
10	10	—	—	—	1 1/4	20-40	50	32ESG†92B2V*	3020.	32ESG†92W2V*	4206.	32ESG†92N2V*	3274.
—	—	15	20	2	—	13-27	30	32FSF†92B2V*	3721.	32FSF†92W2V*	5200.	32FSF†92N2V*	4122.
10	15	25	25	2	—	22-45	50	32FSH†92B2V*	3721.	32FSH†92W2V*	5200.	32FSH†92N2V*	4122.
—	—	30	30	—	2 1/2	22-45	50	32GSH†92B2V*	4430.	32GSH†92W2V*	5909.	32GSH†92N2V*	4830.
15	20	—	—	—	2 1/2	30-60	100	32GSJ†92B2V*	4430.	32GSJ†92W2V*	5909.	32GSJ†92N2V*	4830.
—	—	30	40	3	—	30-60	100	32HSJ†92B2V*	5023.	32HSJ†92W2V*	7550.	32HSJ†92N2V*	5901.
25	30	50	50	3	—	45-90	100	32HSK†92B2V*	5023.	32HSK†92W2V*	7550.	32HSK†92N2V*	5901.
30	40	75	75	—	3 1/2	57-115	125	32ISL†92B2V*	11163.	32ISL†92W2V*	15138.	32ISL†92N2V*	13613.
40	50	100	100	4	—	67-135	150	32JTM†92B2V*	12088.	32JTM†92W2V*	16063.	32JTM†92N2V*	14537.
50	75	150	150	—	4 1/2	100-210	250	32KTSS92B2V*	22657.	32KTSS92W2V*	33944.	32KTSS92N2V*	29337.
75	100	200	—	5	—	100-270	400	32LTUU92B2V*	23736.	32LTUU92W2V*	35022.	32LTUU92N2V*	34267.
150	200	400	400	6	—	200-540	800	32MTXX92B2V*	49347.	32MTXX92E2V*	55857.	32MTXX92N2V*	53422.
—	300	600	600	7	—	420-820	1000	32NTYY92B2V*	64791.	32NTYY92E2V*	68643.	32NTYY92N2V*	55857.

**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.

®If motor FLA are unknown, select overload on the basis that low speed FLA will be no greater than 50% of high speed FLA.

- ①Dual voltage coils not available in modified starters or in sizes 4 1/2-7.
- ②Not available with self-reset option.
- ③For NEMA 4X fiberglass enclosure change 9th character of catalog number to F. Example: 32CSB†92F2V\*. Price addition see page 130. Available through size 4. NEMA sizes 6 and 7 are NEMA 4 painted enclosures.
- ④NEMA 12 may be field modified for NEMA 3/3R, see page 125.

Discount Code: NEMA Control


Siemens Industrial Control Products

# Combination Multi-Speed Heavy Duty Starters

Selection

## Two Speed Constant or Variable Torque with Solid State Overload, Class 32

NEMA and HP Rated Control

	<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>▶ Replace the (†) with the letter that corresponds to the correct low speed FLA in the FLA table.®</li> <li>▶ For self-reset overload option on Sizes 0–5, change 4th character from “S” or “T” to “R”. No price addition.</li> <li>▶ Technical Data see pages 133–138.</li> <li>▶ Field Modification Kits see pages 121–125.</li> <li>▶ Factory Modifications see pages 126–132.</li> <li>▶ Dimensions see page 150.</li> <li>▶ Wiring Diagrams see pages 161–162.</li> <li>▶ Replacement Parts see page 882.</li> </ul>	<b>Coil Table</b> <table border="1"> <thead> <tr> <th>60Hz Voltage</th> <th>Letter</th> <th>Size</th> <th>FLA</th> <th>†</th> </tr> </thead> <tbody> <tr><td>24 Separate Control</td><td>J</td><td>0,1</td><td>0.25–1</td><td>A</td></tr> <tr><td>120 Separate Control</td><td>F</td><td>0,1</td><td>0.75–3</td><td>B</td></tr> <tr><td>110–120/220–240<sup>ⓐ</sup></td><td>A</td><td>0,1</td><td>2.5–10</td><td>D</td></tr> <tr><td>200–208</td><td>D</td><td>0–1<sup>3/4</sup></td><td>9–18</td><td>E</td></tr> <tr><td>220–240</td><td>G</td><td>1–4</td><td>13–27</td><td>F</td></tr> <tr><td>277</td><td>L</td><td>1<sup>3/4</sup></td><td>20–40</td><td>G</td></tr> <tr><td>220–240/440–480<sup>ⓑ</sup></td><td>C</td><td>2–4</td><td>22–45</td><td>H</td></tr> <tr><td>440–480<sup>ⓑ</sup></td><td>H</td><td>2<sup>1/2</sup>–4</td><td>30–60</td><td>J</td></tr> <tr><td>575–600<sup>ⓑ</sup></td><td>E</td><td>3–4</td><td>45–90</td><td>K</td></tr> <tr><td></td><td></td><td>3<sup>1/2</sup>–4</td><td>57–115</td><td>L</td></tr> <tr><td></td><td></td><td>4</td><td>67–135</td><td>M</td></tr> </tbody> </table>	60Hz Voltage	Letter	Size	FLA	†	24 Separate Control	J	0,1	0.25–1	A	120 Separate Control	F	0,1	0.75–3	B	110–120/220–240 <sup>ⓐ</sup>	A	0,1	2.5–10	D	200–208	D	0–1 <sup>3/4</sup>	9–18	E	220–240	G	1–4	13–27	F	277	L	1 <sup>3/4</sup>	20–40	G	220–240/440–480 <sup>ⓑ</sup>	C	2–4	22–45	H	440–480 <sup>ⓑ</sup>	H	2 <sup>1/2</sup> –4	30–60	J	575–600 <sup>ⓑ</sup>	E	3–4	45–90	K			3 <sup>1/2</sup> –4	57–115	L			4	67–135	M	<b>Low Speed FLA Table</b> <table border="1"> <thead> <tr> <th>Size</th> <th>FLA</th> <th>†</th> </tr> </thead> <tbody> <tr><td>0,1</td><td>0.25–1</td><td>A</td></tr> <tr><td>0,1</td><td>0.75–3</td><td>B</td></tr> <tr><td>0,1</td><td>2.5–10</td><td>D</td></tr> <tr><td>0–1<sup>3/4</sup></td><td>9–18</td><td>E</td></tr> <tr><td>1–4</td><td>13–27</td><td>F</td></tr> <tr><td>1<sup>3/4</sup></td><td>20–40</td><td>G</td></tr> <tr><td>2–4</td><td>22–45</td><td>H</td></tr> <tr><td>2<sup>1/2</sup>–4</td><td>30–60</td><td>J</td></tr> <tr><td>3–4</td><td>45–90</td><td>K</td></tr> <tr><td>3<sup>1/2</sup>–4</td><td>57–115</td><td>L</td></tr> <tr><td>4</td><td>67–135</td><td>M</td></tr> </tbody> </table>	Size	FLA	†	0,1	0.25–1	A	0,1	0.75–3	B	0,1	2.5–10	D	0–1 <sup>3/4</sup>	9–18	E	1–4	13–27	F	1 <sup>3/4</sup>	20–40	G	2–4	22–45	H	2 <sup>1/2</sup> –4	30–60	J	3–4	45–90	K	3 <sup>1/2</sup> –4	57–115	L	4	67–135	M
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### Two Separate Windings—Circuit Breaker Type, 3 Phase

Max Hp				NEMA Size	Half Size	Overload Amp Range	Motor Circuit Interrupter ETI Amps	Enclosure					
200 Volts	230 Volts	460 Volts	575 Volts					NEMA 1 General Purpose		NEMA 4/4X Stainless <sup>ⓐ</sup> Watertight, Dusttight Corrosion Resistant 304 Stainless Steel		NEMA 12 NEMA 3/3R <sup>ⓐ</sup> Industrial Use Weatherproof	
								Catalog No	Price \$	Catalog No	Price \$	Catalog No	Price \$
1/2	1/2	1	1	0	—	0.75–3	3	32CSB†92B1V*	2003.	32CSB†92W1V*	3189.	32CSB†92N1V*	2257.
2	2	5	5	0	—	2.5–10	10	32CSD†92B1V*	2003.	32CSD†92W1V*	3189.	32CSD†92N1V*	2257.
3	3	—	—	0	—	9–18	25	32CSE†92B1V*	2003.	32CSE†92W1V*	3189.	32CSE†92N1V*	2257.
1/2	1/2	1	1	1	—	0.75–3	3	32DSB†92B1V*	2111.	32DSB†92W1V*	3297.	32DSB†92N1V*	2365.
2	2	5	5	1	—	2.5–10	10	32DSD†92B1V*	2111.	32DSD†92W1V*	3297.	32DSD†92N1V*	2365.
3	3	7 1/2	10	1	—	9–18	25	32DSE†92B1V*	2111.	32DSE†92W1V*	3297.	32DSE†92N1V*	2365.
7 1/2	7 1/2	10	—	1	—	13–27	30	32DSF†92B1V*	2111.	32DSF†92W1V*	3297.	32DSF†92N1V*	2365.
—	—	15	15	—	1 1/4	13–27	30	32ESF†92B1V*	2581.	32ESF†92W1V*	3767.	32ESF†92N1V*	2835.
10	10	—	—	—	1 1/4	20–40	50	32ESG†92B1V*	2581.	32ESG†92W1V*	3767.	32ESG†92N1V*	2835.
—	—	15	20	2	—	13–27	30	32FSF†92B1V*	3105.	32FSF†92W1V*	4584.	32FSF†92N1V*	3505.
10	15	25	25	2	—	22–45	50	32FSH†92B1V*	3105.	32FSH†92W1V*	4584.	32FSH†92N1V*	3505.
—	—	30	30	—	2 1/2	22–45	50	32GSH†92B1V*	3706.	32GSH†92W1V*	5185.	32GSH†92N1V*	4106.
15	20	—	—	—	2 1/2	30–60	100	32GSJ†92B1V*	3706.	32GSJ†92W1V*	5185.	32GSJ†92N1V*	4106.
—	—	30	40	3	—	30–60	100	32HSJ†92B1V*	4191.	32HSJ†92W1V*	6718.	32HSJ†92N1V*	5069.
25	30	50	50	3	—	45–90	100	32HSK†92B1V*	4191.	32HSK†92W1V*	6718.	32HSK†92N1V*	5069.
30	40	75	75	—	3 1/2	57–115	125	32ISL†92B1V*	8667.	32ISL†92W1V*	12642.	32ISL†92N1V*	11117.
40	50	100	100	4	—	67–135	150	32JTM†92B1V*	9283.	32JTM†92W1V*	13259.	32JTM†92N1V*	11733.
50	75	150	150	—	4 1/2	100–210	250	32KTSS92B1V*	19645.	32KTSS92W1V*	30932.	32KTSS92N1V*	26325.
75	100	200	—	5	—	100–270	400	32LTUU92B1V*	20724.	32LTUU92W1V*	32010.	32LTUU92N1V*	27403.
150	200	400	400	6	—	200–540	800	32MTXX92B1V*	39285.	32MTXX92E1V*	45603.	32MTXX92N1V*	43381.
—	300	600	600	7	—	420–820	1000	32NTYY92B1V*	51581.	32NTYY92E1V*	56717.	32NTYY92N1V*	55831.

**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.

Ⓐ Dual voltage coils not available in modified starters or in starter Sizes 4 1/2–7.


Ⓑ Not available with self-reset option.

Ⓒ For NEMA 4X fiberglass enclosure, change 9th character of catalog number to F. Example: 32CSB†92F1V\*. Price addition see page 130. Available through Size 4. NEMA sizes 6 and 7 are NEMA 4 painted enclosures.

Ⓓ NEMA 12 may be field modified for NEMA 3/3R, see page 125.

Ⓔ If motor FLA are unknown, select overload on the basis that low speed FLA will be no greater than 50% of high speed FLA.

## Two Speed Constant or Variable Torque with Ambient Comp. Bimetal Overload, Class 32

	<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>▶ Heater elements see page 884. (6-Required)</li> <li>▶ Technical Data see pages 133–138.</li> <li>▶ Field Modification Kits see pages 121–125.</li> <li>▶ Factory Modifications see pages 126–132.</li> <li>▶ Dimensions see page 150.</li> <li>▶ Wiring Diagrams see pages 161–162.</li> <li>▶ Replacement Parts see page 882.</li> </ul>	<b>Coil Table</b> <table border="1"> <thead> <tr> <th>60Hz Voltage</th> <th>Letter</th> </tr> </thead> <tbody> <tr><td>24 Separate Control</td><td>J</td></tr> <tr><td>120 Separate Control</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 129.</p>	60Hz Voltage	Letter	24 Separate Control	J	120 Separate Control	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	575–600	E
	60Hz Voltage	Letter																				
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220–240/440–480 <sup>①</sup>	C																					
440–480	H																					
575–600	E																					

### One Winding Consequent Pole—Circuit Breaker Type, 3 Phase

Max Hp				NEMA Size	Half Size	Cont Amp Rating	Motor Circuit Interrupter ETI Amps	Enclosure					
200 Volts	230 Volts	460 Volts	575 Volts					NEMA 1 General Purpose		NEMA 4/4X Stainless <sup>②</sup> Watertight, Dusttight Corrosion Resistant 304 Stainless Steel		NEMA 12 NEMA 3/3R <sup>③</sup> Industrial Use Weatherproof	
								Catalog No	Price \$	Catalog No	Price \$	Catalog No	Price \$
1/2	1/2	1	1	0	—	18	3	32CP92B2VA*81	2273.	32CP92W2VA*81	3459.	32CP92N2VA*81	2527.
1	1	3	3	0	—	18	10	32CP92B2VB*81	2273.	32CP92W2VB*81	3459.	32CP92N2VB*81	2527.
3	3	5	5	0	—	18	25	32CP92B2VC*81	2273.	32CP92W2VC*81	3459.	32CP92N2VC*81	2527.
1/2	1/2	1	1	1	—	27	3	32DP92B2VA*81	2365.	32DP92W2VA*81	3552.	32DP92N2VA*81	2619.
1	1	3	3	1	—	27	10	32DP92B2VB*81	2365.	32DP92W2VB*81	3552.	32DP92N2VB*81	2619.
3	3	7 1/2	7 1/2	1	—	27	25	32DP92B2VD*81	2365.	32DP92W2VD*81	3552.	32DP92N2VD*81	2619.
7 1/2	7 1/2	10	10	1	—	27	30	32DP92B2VE*81	2365.	32DP92W2VE*81	3552.	32DP92N2VE*81	2619.
—	—	15	15	—	1 3/4	40	30	32EP92B2VF*81	2951.	32EP92W2VF*81	4137.	32EP92N2VF*81	3205.
10	10	—	—	—	1 3/4	40	50	32EP92B2VG*81	2951.	32EP92W2VG*81	4137.	32EP92N2VG*81	3205.
7 1/2	10	20	20	2	—	45	40	32FP92B2VH*81	3652.	32FP92W2VH*81	5131.	32FP92N2VH*81	4052.
10	15	25	25	2	—	45	50	32FP92B2VJ*81	3652.	32FP92W2VJ*81	5131.	32FP92N2VJ*81	4052.
—	—	30	30	—	2 1/2	60	50	32GP92B2VK*81	4360.	32GP92W2VK*81	5840.	32GP92N2VK*81	4761.
15	20	—	—	—	2 1/2	60	100	32GP92B2VL*81	4360.	32GP92W2VL*81	5840.	32GP92N2VL*81	4761.
—	—	30	30	3	—	60	100	32HP92B2VM*81	4954.	32HP92W2VM*81	7481.	32HP92N2VM*81	5832.
25	30	50	50	3	—	90	100	32HP92B2VN*81	4954.	32HP92W2VN*81	7481.	32HP92N2VN*81	5832.
30	40	75	75	—	3 1/2	115	125	32IP92B2VP*81	11094.	32IP92W2VP*81	15069.	32IP92N2VP*81	13544.
40	50	100	100	4	—	135	150	32JP92B2VR*81	12018.	32JP92W2VR*81	15994.	32JP92N2VR*81	14468.
50	75	150	150	—	4 1/2	210	250						
75	100	200	—	5	—	270	400						
150	200	400	400	6	—	540	800						
—	300	600	600	7	—	810	1000						

ESP100 Solid State Overload Standard, see page 85 for selection.

①Dual voltage coils not available in modified starters.  
 ②For NEMA 4X fiberglass enclosure, change 7th character of catalog number to F. Example: 32CP92F2VA\*81. Price addition see page 130. Available through Size 4.  
 ③NEMA 12 may be field modified for NEMA 3/3R, see page 125.

**2**  
 NEMA and HP  
 Rated Control