Combination Multi Speed Heavy Duty Starters

SELECTION

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

Ordering Instructions

- Replace the (*) with a letter from the coil table. Dual voltage coils are wired on high voltage unless specified on order.
- Replace the (†) with the letter that corresponds to the correct low speed FLA in the table below.
- For self-reset overload option on Sizes 0–5, change 4th character from "S" or "T" to "R". No price addition.
- Technical Data see pages 467–470.
- Field Modification Kits see pages 457–461.
- Factory Modifications see pages 462–466.
- Dimensions see page 483.
- Wiring Diagrams see pages 491–492.
- Replacement Parts see page 547.

Coil Table

60Hz Voltage	Letter
24 Separate Control②	J
120 Separate Control③	F
110–120/220–240④	A
200–208	D
220–240	G
277	L
220–240/440–480④⑤	C
440–480⑤	H
575–600③④	E

For other voltages and frequencies see Factory Modifications page 465.

Low Speed FLA Table⑨

Size	FLA	†
0,1	0.25–1	A
0,1	0.75–3	B
0,1	2.5–10	D
0–1¾	9–18	E
1–4	13–27	F
1¾	20–40	G
2–4	22–45	H
2½–4	30–60	J
3–4	45–90	K
3½–4	57–115	L
4	67–135	M

One Winding Consequent Pole—Non Fusible Disconnect①, 3 Phase

Max Hp								Enclosure					
								NEMA 1 General Purpose		NEMA 4/4X⑥⑧ Watertight, Dusttight Corrosion Resistant 304 Stainless Steel		NEMA 12 NEMA 3/3R⑦ Industrial Use Weatherproof	
200 Volts	230 Volts	460 Volts	575 Volts	NEMA Size	Half Size	Overload Amp Range	Disc Size Amps	Catalog No	Price $	Catalog No	Price $	Catalog No	Price $
½	¾	1½	1½	0	—	0.75–3	30	32CSB†92B2V2*	1542.	32CSB†92W2V2*	2466.	32CSB†92N2V2*	1740.
2	2	5	5	0	—	2.5–10	30	32CSD†92B2V2*	1542.	32CSD†92W2V2*	2466.	32CSD†92N2V2*	1740.
3	3	—	—	0	—	9–18	30	32CSE†92B2V2*	1542.	32CSE†92W2V2*	2466.	32CSE†92N2V2*	1740.
½	¾	1½	1½	1	—	0.75–3	30	32DSB†92B2V2*	1614.	32DSB†92W2V2*	2538.	32DSB†92N2V2*	1812.
2	2	5	5	1	—	2.5–10	30	32DSD†92B2V2*	1614.	32DSD†92W2V2*	2538.	32DSD†92N2V2*	1812.
3	3	10	10	1	—	9–18	30	32DSE†92B2V2*	1614.	32DSE†92W2V2*	2538.	32DSE†92N2V2*	1812.
7½	7½	—	—	1	—	13–27	30	32DSF†92B2V2*	1614.	32DSF†92W2V2*	2538.	32DSF†92N2V2*	1812.
—	—	15	15	—	1¾	13–27	60	32ESF†92B2V2*	2040.	32ESF†92W2V2*	2964.	32ESF†92N2V2*	2238.
10	10	—	—	—	1¾	20–40	60	32ESG†92B2V2*	2040.	32ESG†92W2V2*	2964.	32ESG†92N2V2*	2238.
—	—	15	15	2	—	13–27	60	32FSF†92B2V2*	2586.	32FSF†92W2V2*	3738.	32FSF†92N2V2*	2898.
10	15	25	25	2	—	22–45	60	32FSH†92B2V2*	2586.	32FSH†92W2V2*	3738.	32FSH†92N2V2*	2898.
—	—	30	30	—	2½	22–45	100	32GSH†92B2V2*	3240.	32GSH†92W2V2*	4392.	32GSH†92N2V2*	3552.
15	20	—	—	—	2½	30–60	100	32GSJ†92B2V2*	3240.	32GSJ†92W2V2*	4392.	32GSJ†92N2V2*	3552.
—	—	40	40	3	—	30–50	100	32HSJ†92B2V2*	3702.	32HSJ†92W2V2*	5670.	32HSJ†92N2V2*	4386.
25	30	50	50	3	—	45–90	100	32HSK†92B2V2*	3702.	32HSK†92W2V2*	5670.	32HSK†92N2V2*	4386.
30	40	75	75	—	3½	57–115	200	32ISL†92B2V2*	7902.	32ISL†92W2V2*	10998.	32ISL†92N2V2*	9810.
40	50	100	100	4	—	67–135	200	32JTM†92B2V2*	8622.	32JTM†92W2V2*	11718.	32JTM†92N2V2*	10530.
50	75	150	150	—	4½	100–210	400	32KTSS92B2V2*	15912.	32KTSS92W2V2*	24702.	32KTSS92N2V2*	21114.
75	100	200	200	5	—	100–270	400	32LTUU92B2V2*	16572.	32LTUU92W2V2*	25542.	32LTUU92N2V2*	21954.
150	200	400	400	6	—	200–540	600	32MTXX92B2V2*	37740.	32MTXX92E2V2*	40740.	32MTXX92N2V2*	39360.
—	300	600	600	7	—	420–820	1200	32NTYY92B2V2*	47742.	32NTYY92E2V2*	50742.	32NTYY92N2V2*	49362.

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.

①Fuse clip kits are available as factory or field modifications, see pages 460 and 462.

②24 volt coils are not available on size 4½–7 starters.

③When the coil voltage is 120 volts or less, the starter is wired for separate control except on size 6–7 starters.

④Dual voltage coils NA in stocked or modified starters, or in sizes 4½–7.

⑤Not available with self-reset option.

⑥Size 6 and larger supplied in a painted sheet steel enclosure.

⑦NEMA 12 enclosures are UL listed for NEMA 3R applications on sizes 0 through 5 only. Water tight hubs or equivalent provisions for water tight connection at the conduit entrance should be used. For NEMA size 6–7 starters in NEMA 3R enclosure change the 9th digit in the catalog number from an "N" to a "D".

⑧For Nema 4X non-metallic enclosure. See factory modifications page 464.

⑨If motor FLA are unknown, select overload on the basis that low speed FLA will be no greater than 50% of high speed FLA.

Combination Multi Speed Heavy Duty Starters

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

Ordering Instructions

- Replace the (*) with a letter from the coil table. Dual voltage coils are wired on high voltage unless specified on order.
- Replace the (†) with the letter that corresponds to the correct low speed FLA in the table.
- For self-reset overload option on Sizes 0–5, change 4th character from "S" or "T" to "R". No price addition.
- Technical Data see pages 467–470.
- Field Modification Kits see pages 457–461.
- Factory Modifications see pages 462–466.
- Dimensions see page 483.
- Wiring Diagrams see page 492.
- Replacement Parts see page 547.

Coil Table

60Hz Voltage	Letter
24 Separate Control②	J
120 Separate Control③	F
110–120/220–240④	A
200–208	D
220–240	G
277	L
220–240/440–480④⑤	C
440–480⑤	H
575–600③④	E

For other voltages and frequencies see Factory Modifications page 465.

Low Speed FLA Table⑨

Size	FLA	†
0,1	0.25–1	A
0,1	0.75–3	B
0,1	2.5–10	D
0–1¾	9–18	E
1–4	13–27	F
1¾	20–40	G
2–4	22–45	H
2½–4	30–60	J
3–4	45–90	K
3½–4	57–115	L
4	67–135	M

Two Separate Windings—Non Fusible Disconnect①, 3 Phase

Max Hp								Enclosure					
								NEMA 1 General Purpose		NEMA 4/4X⑤⑦ Watertight, Dusttight Corrosion Resistant 304 Stainless Steel		NEMA 12 NEMA 3/3R⑥ Industrial Use Weatherproof	
200 Volts	230 Volts	460 Volts	575 Volts	NEMA Size	Half Size	Overload Amp Range	Disc Size Amps	Catalog No	Price $	Catalog No	Price $	Catalog No	Price $
½	¾	1½	1½	0	—	0.75–3	30	32CSB†92B1V2*	1278.	32CSB†92W1V2*	2202.	32CSB†92N1V2*	1476.
2	2	5	5	0	—	2.5–10	30	32CSD†92B1V2*	1278.	32CSD†92W1V2*	2202.	32CSD†92N1V2*	1476.
3	3	—	—	0	—	9–18	30	32CSE†92B1V2*	1278.	32CSE†92W1V2*	2202.	32CSE†92N1V2*	1476.
½	¾	1½	1½	1	—	0.75–3	30	32DSB†92B1V2*	1362.	32DSB†92W1V2*	2286.	32DSB†92N1V2*	1560.
2	2	5	5	1	—	2.5–10	30	32DSD†92B1V2*	1362.	32DSD†92W1V2*	2286.	32DSD†92N1V2*	1560.
3	3	10	10	1	—	9–18	30	32DSE†92B1V2*	1362.	32DSE†92W1V2*	2286.	32DSE†92N1V2*	1560.
7½	7½	—	—	1	—	13–27	30	32DSF†92B1V2*	1362.	32DSF†92W1V2*	2286.	32DSF†92N1V2*	1560.
—	—	15	15	—	1¾	13–27	60	32ESF†92B1V2*	1698.	32ESF†92W1V2*	2622.	32ESF†92N1V2*	1896.
10	10	—	—	—	1¾	20–40	60	32ESG†92B1V2*	1698.	32ESG†92W1V2*	2622.	32ESG†92N1V2*	1896.
—	—	15	15	2	—	13–27	60	32FSF†92B1V2*	2106.	32FSF†92W1V2*	3258.	32FSF†92N1V2*	2418.
10	15	25	25	2	—	22–45	60	32FSH†92B1V2*	2106.	32FSH†92W1V2*	3258.	32FSH†92N1V2*	2418.
—	—	30	30	—	2½	22–45	100	32GSH†92B1V2*	2676.	32GSH†92W1V2*	3828.	32GSH†92N1V2*	2988.
15	20	—	—	—	2½	30–60	100	32GSJ†92B1V2*	2676.	32GSJ†92W1V2*	3828.	32GSJ†92N1V2*	2988.
—	—	40	40	3	—	30–50	100	32HSJ†92B1V2*	3056.	32HSJ†92W1V2*	5022.	32HSJ†92N1V2*	3738.
25	30	50	50	3	—	45–90	100	32HSK†92B1V2*	3056.	32HSK†92W1V2*	5022.	32HSK†92N1V2*	3738.
30	40	75	75	—	3½	57–115	200	32ISL†92B1V2*	5958.	32ISL†92W1V2*	9054.	32ISL†92N1V2*	7866.
40	50	100	100	4	—	67–135	200	32JTM†92B1V2*	9438.	32JTM†92W1V2*	9534.	32JTM†92N1V2*	8346.
50	75	150	150	—	4½	100–210	400	32KTSS92B1V2*	13566.	32KTSS92W1V2*	22354.	32KTSS92N1V2*	18768.
75	100	200	200	5	—	100–270	400	32LTUU92B1V2*	14406.	32LTUU92W1V2*	23196.	32LTUU92N1V2*	19608.
150	200	400	400	6	—	200–540	600	32MTXX92B1V2*	37740.	32MTXX92W1V2*	40740.	32MTXX92N1V2*	39360.
—	300	600	600	7	—	420–820	1200	32NTYY92B1V2*	47742.	32NTYY92W1V2*	50742.	32NTYY92N1V2*	49362.

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.

①Fuse clip kits are available as factory or field modifications, see pages 460 and 462.
②24 volt coils are not available on size 4½–7 starters.
③When the coil voltage is 120 volts or less, the starter is wired for separate control except on size 6–7 starters.
④Dual voltage coils NA in stocked or modified starters, or in size 4½–7 starters.
⑤Not available with self-reset option.
⑥Size 6 and larger supplied in a painted sheet steel enclosure.
⑦NEMA 12 enclosures are UL listed for NEMA 3R applications on sizes 0 through 5 only. Water tight hubs or equivalent provisions for water tight connection at the conduit entrance should be used. For NEMA size 6–7 starters in NEMA 3R enclosure change the 9th digit in the catalog number from an "N" to a "D".
⑧For Nema 4X non-metallic enclosure. See factory modifications page 464.
⑨If motor FLA are unknown, select overload on the basis that low speed FLA will be no greater than 50% of high speed FLA.

Combination Multi Speed Heavy Duty Starters

SELECTION

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

Ordering Instructions

- Replace the (*) with letter from the coil table. Dual voltage coils are wired on high voltage unless specified on order.
- Heater elements see page 544. (6-Required)
- Technical Data see pages 467–470.
- Field Modification Kits see pages 457–461.
- Factory Modifications see pages 462–466.
- Dimensions see page 483.
- Wiring Diagrams see pages 491–492.
- Replacement Parts see page 547.

Coil Table

60Hz Voltage	Letter
24 Separate Control②	J
120 Separate Control②	F
110–120/220–240③	A
200–208	D
220–240	G
277	L
220–240/440–480③	C
440–480	H
575–600	E

For other voltages and frequencies see Factory Modifications page 465.

One Winding Consequent—Non-Fusible Disconnect Type①, 3 Phase

Max Hp								Enclosure					
								NEMA 1 General Purpose		NEMA 4/4X⑤ Watertight, Dusttight Corrosion Resistant 304 Stainless Steel		NEMA 12 NEMA 3/3R④ Industrial Use Weatherproof	
200 Volts	230 Volts	460 Volts	575 Volts	NEMA Size	Half Size	Cont Amp Rating	Disc Amp Rating	Catalog No	Price $	Catalog No	Price $	Catalog No	Price $
3	3	5	5	0	—	18	30	32CP92B2V2*81	1488.	32CP92W2V2*81	2412.	32CP92N2V2*81	1686.
7½	7½	10	10	1	—	27	30	32DP92B2V2*81	1560.	32DP92W2V2*81	2484.	32DP92N2V2*81	1758.
10	10	15	15	—	1¾	40	60	32EP92B2V2*81	1986.	32EP92W2V2*81	2910.	32EP92N2V2*81	2184.
10	15	25	25	2	—	45	60	32FP92B2V2*81	2532.	32FP92W2V2*81	3684.	32FP92N2V2*81	2844.
15	20	30	30	—	2½	60	100	32GP92B2V2*81	3186.	32GP92W2V2*81	4338.	32GP92N2V2*81	3498.
25	30	50	50	3	—	90	100	ESP100 Solid State Overload Standard, see page 436 for selection.					
30	40	75	75	—	3½	115	200						
40	50	100	100	4	—	135	200						
50	75	150	150	—	4½	100–210	400						
75	100	200	200	5	—	100–270	400						
150	200	400	400	6	—	200–540	600						
—	300	600	600	7	—	420–820	1200						

Two Separate Windings—Non-Fusible Disconnect Type①, 3 Phase

Max Hp								Enclosure					
								NEMA 1 General Purpose		NEMA 4/4X⑤ Watertight, Dusttight Corrosion Resistant 304 Stainless Steel		NEMA 12 NEMA 3/3R④ Industrial Use Weatherproof	
200 Volts	230 Volts	460 Volts	575 Volts	NEMA Size	Half Size	Cont Amp Rating	Disc Amp Rating	Catalog No	Price $	Catalog No	Price $	Catalog No	Price $
3	3	5	5	0	—	18	30	32CP92B1V2*81	1224.	32CP92W1V2*81	2148.	32CP92N1V2*81	1422.
7½	7½	10	10	1	—	27	30	32DP92B1V2*81	1308.	32DP92W1V2*81	2232.	32DP92N1V2*81	1506.
10	10	15	15	—	1¾	40	60	32EP92B1V2*81	1644.	32EP92W1V2*81	2568.	32EP92N1V2*81	1842.
10	15	25	25	2	—	45	60	32FP92B1V2*81	2052.	32FP92W1V2*81	3204.	32FP92N1V2*81	2364.
15	20	30	30	—	2½	60	100	32GP92B1V2*81	2622.	32GP92W1V2*81	3774.	32GP92N1V2*81	2934.
25	30	50	50	3	—	90	100	ESP100 Solid State Overload Standard, see page 437 for selection.					
30	40	75	75	—	3½	115	200						
40	50	100	100	4	—	135	200						
50	75	150	150	—	4½	100–210	400						
75	100	200	200	5	—	100–270	400						
150	200	400	400	6	—	200–540	600						
—	300	600	600	7	—	420–820	1200						

①Fuse clip kits are available as factory or field modifications, see pages 460 and 462.
②When the coil voltage is 120 volts or less, the starter is wired for seperate control.
③Dual voltage coils NA in stocked or modified starters.
④NEMA 12 may be field modified for NEMA 3/3R See page 461.
⑤For Nema 4X non-metallic enclosure. See factory modifications page 464.

Combination Multi Speed Heavy Duty Starters

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

Ordering Instructions

- Replace the (*) with a letter from the coil table. Dual voltage coils are wired on high voltage unless specified on order.
- Replace the (†) with the letter that corresponds to the correct low speed FLA in the table below.
- For self-reset overload option on Sizes 0–5, change 4th character from "S" or "T" to "R". No price addition.
- Technical Data see pages 467–470.
- Field Modification Kits see pages 457–461.
- Factory Modifications see pages 462–466.
- Dimensions see page 483.
- Wiring Diagrams see pages 491–492.
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Coil Table

60Hz Voltage	Letter
24 Separate Control①	J
120 Separate Control②	F
110–120/220–240③	A
200–208	D
220–240	G
277	L
220–240/440–480③④	C
440–480④	H
575–600③④	E

For other voltages and frequencies see Factory Modifications page 465.

Low Speed FLA Table⑧

Size	FLA	†
0,1	0.25–1	A
0,1	0.75–3	B
0,1	2.5–10	D
0–1¾	9–18	E
1–4	13–27	F
1¾	20–40	G
2–4	22–45	H
2½–4	30–60	J
3–4	45–90	K
3½–4	57–115	L
4	67–135	M

One Winding Consequent Pole—Circuit Breaker Type, 3 Phase

Max Hp								Enclosure					
								NEMA 1 General Purpose		NEMA 4/4X⑤⑦ Watertight, Dusttight Corrosion Resistant 304 Stainless Steel		NEMA 12 NEMA 3/3R⑥ Industrial Use Weatherproof	
200 Volts	230 Volts	460 Volts	575 Volts	NEMA Size	Half Size	Overload Amp Range	Motor Circuit Interrupter ETI Amps	Catalog No	Price $	Catalog No	Price $	Catalog No	Price $
½	½	1	1	0	—	0.75–3	10	32CSB†92B2V*	1824.	32CSB†92W2V*	2748.	32CSB†92N2V*	2022.
1	1	3	3	0	—	2.5–10	10	32CSC†92B2V*	1824.	32CSC†92W2V*	2748.	32CSC†92N2V*	2022.
2	2	5	5	0	—	2.5–10	10	32CSD†92B2V*	1824.	32CSD†92W2V*	2748.	32CSD†92N2V*	2022.
3	3	—	—	0	—	9–18	25	32CSE†92B2V*	1824.	32CSE†92W2V*	2748.	32CSE†92N2V*	2022.
½	½	1	1	1	—	0.75–3	10	32DSB†92B2V*	1896.	32DSB†92W2V*	2820.	32DSB†92N2V*	2094.
1	1	3	3	1	—	2.5–10	10	32DSC†92B2V*	1896.	32DSC†92W2V*	2820.	32DSC†92N2V*	2094.
2	2	5	5	1	—	2.5–10	10	32DSD†92B2V*	1896.	32DSD†92W2V*	2820.	32DSD†92N2V*	2094.
3	3	7½	10	1	—	9–18	25	32DSE†92B2V*	1896.	32DSE†92W2V*	2820.	32DSE†92N2V*	2094.
7½	7½	10	—	1	—	13–27	40	32DSF†92B2V*	1896.	32DSF†92W2V*	2820.	32DSF†92N2V*	2094.
—	—	15	15	—	1¾	13–27	40	32ESF†92B2V*	2352.	32ESF†92W2V*	3276.	32ESF†92N2V*	2550.
10	10	—	—	—	1¾	20–40	50	32ESG†92B2V*	2352.	32ESG†92W2V*	3276.	32ESG†92N2V*	2550.
—	—	15	20	2	—	13–27	40	32FSF†92B2V*	2898.	32FSF†92W2V*	4050.	32FSF†92N2V*	3210.
10	15	25	25	2	—	22–45	50	32FSH†92B2V*	2898.	32FSH†92W2V*	4050.	32FSH†92N2V*	3210.
—	—	30	30	—	2½	22–45	100	32GSH†92B2V*	3450.	32GSH†92W2V*	4602.	32GSH†92N2V*	3762.
15	20	—	—	—	2½	30–60	100	32GSJ†92B2V*	3450.	32GSJ†92W2V*	4602.	32GSJ†92N2V*	3762.
—	—	30	40	3	—	30–60	100	32HSJ†92B2V*	3912.	32HSJ†92W2V*	5880.	32HSJ†92N2V*	4596.
25	30	50	50	3	—	45–90	100	32HSK†92B2V*	3912.	32HSK†92W2V*	5880.	32HSK†92N2V*	4596.
30	40	75	75	—	3½	57–115	250	32ISL†92B2V*	8694.	32ISL†92W2V*	11790.	32ISL†92N2V*	10602.
40	50	100	100	4		67–135	250	32JTM†92B2V*	9414.	32JTM†92W2V*	12510.	32JTM†92N2V*	11322.
50	75	150	150	—	4½	100–210	250	32KTSS92B2V*	17646.	32KTSS92W2V*	26436.	32KTSS92N2V*	22848.
75	100	200	—	5	—	100–270	400	32LTUU92B2V*	18486.	32LTUU92W2V*	27276.	32LTUU92N2V*	26688.
150	200	400	400	6	—	200–540	800	32MTXX92B2V*	38432.	32MTXX92W2V*	43502.	32MTXX92N2V*	41606.
—	300	600	600	7	—	420–820	1000	32NTYY92B2V*	50460.	32NTYY92W2V*	53460.	32NTYY92N2V*	43502.

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.

①24 volt coils are not available on size 4½–7 starters.
②When the coil voltage is 120 volts or less, the starter is wired for separate control except on size 6–7 starters.
③Dual voltage coils NA in stocked or modified starters.
④Not available with self-reset option.
⑤Size 6 and larger supplied in a painted sheet steel enclosure.
⑥NEMA 12 enclosures are UL listed for NEMA 3R applications on sizes 0 through 5 only. Water tight hubs or equivalent provisions for water tight connection at the conduit entrance should be used. For NEMA size 6–7 starters in NEMA 3R enclosure change the 9th digit in the catalog number from an "N" to a "D".
⑦For Nema 4X non-metallic enclosure. See factory modifications page 464.
⑧If motor FLA are unknown, select overload on the basis that low speed FLA will be no greater than 50% of high speed FLA.

Combination Multi Speed Heavy Duty Starters

SELECTION

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

Ordering Instructions

- Replace the (*) with a letter from the coil table. Dual voltage coils are wired on high voltage unless specified on order.
- Replace the (†) with the letter that corresponds to the correct low speed FLA in the table below.
- For self-reset overload option on Sizes 0–5, change 4th character from "S" or "T" to "R". No price addition.
- Technical Data see pages 467–470.
- Field Modification Kits see pages 457–461.
- Factory Modifications see pages 462–466.
- Dimensions see page 483.
- Wiring Diagrams see pages 491–492.
- Replacement Parts see page 547.

Coil Table

60Hz Voltage	Letter
24 Separate Control①	J
120 Separate Control②	F
110–120/220–240③	A
200–208	D
220–240	G
277	L
220–240/440–480③④	C
440–480④	H
575–600③④	E

For other voltages and frequencies see Factory Modifications page 465.

Low Speed FLA Table⑧

Size	FLA	†
0,1	0.25–1	A
0,1	0.75–3	B
0,1	2.5–10	D
0–1¾	9–18	E
1–4	13–27	F
1¾	20–40	G
2–4	22–45	H
2½–4	30–60	J
3–4	45–90	K
3½–4	57–115	L
4	67–135	M

Two Separate Windings—Circuit Breaker Type, 3 Phase

Max Hp								Enclosure					
								NEMA 1 General Purpose		NEMA 4/4X⑤⑦ Watertight, Dusttight Corrosion Resistant 304 Stainless Steel		NEMA 12 NEMA 3/3R⑥ Industrial Use Weatherproof	
200 Volts	230 Volts	460 Volts	575 Volts	NEMA Size	Half Size	Overload Amp Range	Motor Circuit Interrupter ETI Amps	Catalog No	Price $	Catalog No	Price $	Catalog No	Price $
½	½	1	1	0	—	0.75–3	10	32CSB†92B1V*	1560.	32CSB†92W1V*	2484.	32CSB†92N1V*	1758.
1	1	3	3	0	—	2.5–10	10	32CSC†92B1V*	1560.	32CSC†92W1V*	2484.	32CSC†92N1V*	1758.
2	2	5	5	0	—	2.5–10	10	32CSD†92B1V*	1560.	32CSD†92W1V*	2484.	32CSD†92N1V*	1758.
3	3	—	—	0	—	9–18	25	32CSE†92B1V*	1560.	32CSE†92W1V*	2484.	32CSE†92N1V*	1758.
½	½	1	1	1	—	0.75–3	10	32DSB†92B1V*	1644.	32DSB†92W1V*	2568.	32DSB†92N1V*	1842.
1	1	3	3	1	—	2.5–10	10	32DSC†92B1V*	1644.	32DSC†92W1V*	2568.	32DSC†92N1V*	1842.
2	2	5	5	1	—	2.5–10	10	32DSD†92B1V*	1644.	32DSD†92W1V*	2568.	32DSD†92N1V*	1842.
3	3	7½	10	1	—	9–18	25	32DSE†92B1V*	1644.	32DSE†92W1V*	2568.	32DSE†92N1V*	1842.
7½	7½	10	—	1	—	13–27	40	32DSF†92B1V*	1644.	32DSF†92W1V*	2568.	32DSF†92N1V*	1842.
—	—	15	15	—	1¾	13–27	40	32ESF†92B1V*	2010.	32ESF†92W1V*	2934.	32ESF†92N1V*	2208.
10	10	—	—	—	1¾	20–40	50	32ESG†92B1V*	2010.	32ESG†92W1V*	2934.	32ESG†92N1V*	2208.
—	—	15	20	2	—	13–27	40	32FSF†92B1V*	2418.	32FSF†92W1V*	3570.	32FSF†92N1V*	2730.
10	15	25	25	2	—	22–45	50	32FSH†92B1V*	2418.	32FSH†92W1V*	3570.	32FSH†92N1V*	2730.
—	—	30	30	—	2½	22–45	100	32GSH†92B1V*	2886.	32GSH†92W1V*	4038.	32GSH†92N1V*	3198.
15	20	—	—	—	2½	30–60	100	32GSJ†92B1V*	2886.	32GSJ†92W1V*	4038.	32GSJ†92N1V*	3198.
—	—	30	40	3	—	30–60	100	32HSJ†92B1V*	3264.	32HSJ†92W1V*	5232.	32HSJ†92N1V*	3948.
25	30	50	50	3	—	45–90	100	32HSK†92B1V*	3264.	32HSK†92W1V*	5232.	32HSK†92N1V*	3948.
30	40	75	75	—	3½	57–115	250	32ISL†92B1V*	6750.	32ISL†92W1V*	9846.	32ISL†92N1V*	8658.
40	50	100	100	4	—	67–135	250	32JTM†92B1V*	7230.	32JTM†92W1V*	10326.	32JTM†92N1V*	13086.
50	75	150	150	—	4½	100–210	250	32KTSS92B1V*	15300.	32KTSS92W1V*	24090.	32KTSS92N1V*	20502.
75	100	200	—	5	—	100–270	400	32LTUU92B1V*	16140.	32LTUU92W1V*	24930.	32LTUU92N1V*	21342.
150	200	400	400	6	—	200–540	800	32MTXX92B1V*	30596.	32MTXX92E1V*	35516.	32MTXX92N1V*	33786.
—	300	600	600	7	—	420–820	1000	32NTYY92B1V*	40172.	32NTYY92E1V*	44172.	32NTYY92N1V*	43482.

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.

①24 volt coils are not available on size 4½–7 starters.
②When the coil voltage is 120 volts or less, the starter is wired for separate control except on size 6–7 starters.
③Dual voltage coils NA in stocked or modified starters.
④Not available with self-reset option.
⑤Size 6 and larger supplied in a painted sheet steel enclosure.
⑥NEMA 12 enclosures are UL listed for NEMA 3R applications on sizes 0 through 5 only. Water tight hubs or equivalent provisions for water tight connection at the conduit entrance should be used. For NEMA size 6–7 starters in NEMA 3R enclosure change the 9th digit in the catalog number from an "N" to a "D".
⑦For Nema 4X non-metallic enclosure. See factory modifications page 464.
⑧If motor FLA are unknown, select overload on the basis that low speed FLA will be no greater than 50% of high speed FLA.

Combination Multi Speed Heavy Duty Starters

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

Ordering Instructions

- Replace the (*) with letter from the coil table. Dual voltage coils are wired on high voltage unless specified on order.
- Heater elements see page 544. (6-Required)
- Technical Data see pages 467–470.
- Field Modification Kits see pages 457–461.
- Factory Modifications see pages 462–466.
- Dimensions see page 483.
- Wiring Diagrams see pages 491–492.
- Replacement Parts see page 547.

Coil Table

60Hz Voltage	Letter
24 Separate Control①	J
120 Separate Control①	F
110–120/220–240②	A
200–208	D
220–240	G
277	L
220–240/440–480②	C
440–480	H
575–600	E

For other voltages and frequencies see Factory Modifications page 465.

One Winding Consequent Pole—Circuit Breaker Type, 3 Phase

Max Hp								Enclosure					
								NEMA 1 General Purpose		NEMA 4/4X④ Watertight, Dusttight Corrosion Resistant 304 Stainless Steel		NEMA 12 NEMA 3/3R③ Industrial Use Weatherproof	
200 Volts	230 Volts	460 Volts	575 Volts	NEMA Size	Half Size	Cont Amp Rating	Motor Circuit Interrupter ETI Amps	Catalog No	Price $	Catalog No	Price $	Catalog No	Price $
½	½	1	1	0	—	18	10	32CP92B2VA*81	1770.	32CP92W2VA*81	2694.	32CP92N2VA*81	1968.
1	1	3	3	0	—	18	10	32CP92B2VB*81	1770.	32CP92W2VB*81	2694.	32CP92N2VB*81	1968.
3	3	5	5	0	—	18	25	32CP92B2VC*81	1770.	32CP92W2VC*81	2694.	32CP92N2VC*81	1968.
½	½	1	1	1	—	27	10	32DP92B2VA*81	1842.	32DP92W2VA*81	2766.	32DP92N2VA*81	2040.
1	1	3	3	1	—	27	10	32DP92B2VB*81	1842.	32DP92W2VB*81	2766.	32DP92N2VB*81	2040.
3	3	7½	7½	1	—	27	25	32DP92B2VD*81	1842.	32DP92W2VD*81	2766.	32DP92N2VD*81	2040.
7½	7½	10	10	1	—	27	40	32DP92B2VE*81	1842.	32DP92W2VE*81	2766.	32DP92N2VE*81	2040.
—	—	15	15	—	1¾	40	40	32EP92B2VF*81	2298.	32EP92W2VF*81	3222.	32EP92N2VF*81	2496.
10	10	—	—	—	1¾	40	50	32EP92B2VG*81	2298.	32EP92W2VG*81	3222.	32EP92N2VG*81	2496.
7½	10	20	20	2	—	45	40	32FP92B2VH*81	2844.	32FP92W2VH*81	3996.	32FP92N2VH*81	3156.
10	15	25	25	2	—	45	50	32FP92B2VJ*81	2844.	32FP92W2VJ*81	3996.	32FP92N2VJ*81	3156.
—	—	30	30	—	2½	60	100	32GP92B2VK*81	3396.	32GP92W2VK*81	4548.	32GP92N2VK*81	3708.
15	20	—	—	—	2½	60	100	32GP92B2VL*81	3396.	32GP92W2VL*81	4548.	32GP92N2VL*81	3708.
—	—	30	30	3	—	60	100	ESP100 Solid State Overload Standard, see page 439 for selection.					
25	30	50	50	3	—	90	100						
30	40	75	75	—	3½	115	250						
40	50	100	100	4	—	135	250						
50	75	150	150	—	4½	100–210	250						
75	100	200	—	5	—	100–270	400						
150	200	400	400	6	—	200–540	800						
—	300	600	600	7	—	420–820	1000						

①When the coil voltage is 120 volts or less, the starter is wired for seperate control.
②Dual voltage coils NA in stocked or modified starters.
③NEMA 12 may be field modified for NEMA 3/3R, see page 461.
④For Nema 4X non-metallic enclosure. See factory modifications page 464.

Combination Multi Speed Heavy Duty Starters

SELECTION

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

Ordering Instructions

- 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 544. (6-Required)
- Technical Data see pages 467–470.
- Field Modification Kits see pages 457–461.
- Factory Modifications see pages 462–466.
- Dimensions see page 483.
- Wiring Diagrams see pages 491–492.
- Replacement Parts see page 547.

Coil Table

60Hz Voltage	Letter
24 Separate Control①	J
120 Separate Control①	F
110–120/220–240②	A
200–208	D
220–240	G
277	L
220–240/440–480②	C
440–480	H
575–600	E

For other voltages and frequencies see Factory Modifications page 465.

Two Separate Windings—Circuit Breaker Type Disconnect, 3 Phase

Max Hp								Enclosure					
								NEMA 1 General Purpose		NEMA 4/4X④ Watertight, Dusttight Corrosion Resistant 304 Stainless Steel		NEMA 12 NEMA 3/3R③ Industrial Use Weatherproof	
200 Volts	230 Volts	460 Volts	575 Volts	NEMA Size	Half Size	Cont Amp Rating	Motor Circuit Interrupter ETI Amps	Catalog No	Price $	Catalog No	Price $	Catalog No	Price $
½	½	1	1	0	—	18	10	**32CP92B1VA*81**	**1506.**	**32CP92W1VA*81**	**2430.**	**32CP92N1VA*81**	**1704.**
1	1	3	3	0	—	18	10	**32CP92B1VB*81**	**1506.**	**32CP92W1VB*81**	**2430.**	**32CP92N1VB*81**	**1704.**
3	3	5	5	0	—	18	25	**32CP92B1VC*81**	**1506.**	**32CP92W1VC*81**	**2430.**	**32CP92N1VC*81**	**1704.**
½	½	1	1	1	—	27	10	**32DP92B1VA*81**	**1590.**	**32DP92W1VA*81**	**2514.**	**32DP92N1VA*81**	**1788.**
1	1	3	3	1	—	27	10	**32DP92B1VB*81**	**1590.**	**32DP92W1VB*81**	**2514.**	**32DP92N1VB*81**	**1788.**
3	3	7½	7½	1	—	27	25	**32DP92B1VD*81**	**1590.**	**32DP92W1VD*81**	**2514.**	**32DP92N1VD*81**	**1788.**
7½	7½	10	10	1	—	27	40	**32DP92B1VE*81**	**1590.**	**32DP92W1VE*81**	**2514.**	**32DP92N1VE*81**	**1788.**
—	—	15	15	—	1¾	40	40	**32EP92B1VF*81**	**1956.**	**32EP92W1VF*81**	**2880.**	**32EP92N1VF*81**	**2154.**
10	10	—	—	—	1¾	40	50	**32EP92B1VG*81**	**1956.**	**32EP92W1VG*81**	**2880.**	**32EP92N1VG*81**	**2154.**
7½	10	20	20	2	—	45	40	**32FP92B1VH*81**	**2364.**	**32FP92W1VH*81**	**3516.**	**32FP92N1VH*81**	**2676.**
10	15	25	25	2	—	45	50	**32FP92B1VJ*81**	**2364.**	**32FP92W1VJ*81**	**3516.**	**32FP92N1VJ*81**	**2676.**
—	—	30	30	—	2½	60	100	**32GP92B1VK*81**	**2832.**	**32GP92W1VK*81**	**3984.**	**32GP92N1VK*81**	**3144.**
15	20	—	—	—	2½	60	100	**32GP92B1VL*81**	**2832.**	**32GP92W1VL*81**	**3984.**	**32GP92N1VL*81**	**3144.**
—	—	30	30	3	—	ESP100 Solid State Overload Standard, see page 440 for selection.							
25	30	50	50	3	—								
30	40	75	75	—	3½								
40	50	100	100	4	—								
50	75	150	150	—	4½								
50	75	150	200	5	—								
75	100	200	—	5	—								
150	200	400	400	6	—								
—	300	600	600	7	—								

①When the coil voltage is 120 volts or less, the starter is wired for separate control.
②Dual voltage coils NA in stocked or modified starters.
③NEMA 12 may be field modified for NEMA 3/3R, see page 461.
④For Nema 4X non-metallic enclosure. See factory modifications page 464.

Combination Multi Speed Heavy Duty Starters

Two Speed Constant Horsepower with Solid State Overload, Class 32

Ordering Instructions

- Replace the (*) with a letter from the coil table. Dual voltage coils are wired on high voltage unless specified on order.
- Replace the (†) with the letters that correspond to the correct FLAs.
- For self-reset overload option on Sizes 0–5, change 4th character from "S" or "T" to "R". No price addition.
- Technical Data see pages 467–470.
- Field Modification Kits see pages 457–461.
- Factory Modifications see pages 462–466.
- Dimensions see page 483.
- Wiring Diagrams see pages 491–492.
- Replacement Parts see page 547.

Coil Table

60Hz Voltage	Letter
24 Separate Control②	J
120 Separate Control③	F
110–120/220–240④	A
200–208	D
220–240	G
277	L
220–240/440–480④⑤	C
440–480⑤	H
575–600⑤	E

For other voltages and frequencies see Factory Modifications page 465.

FLA Table⑨

Size	FLA	†
0,1	0.25–1	A
0,1	0.75–3	B
0,1	2.5–10	D
0–1¾	9–18	E
1–4	13–27	F
1¾	20–40	G
2–4	22–45	H
2½–4	30–60	J
3–4	45–90	K
3½–4	57–115	L
4	67–135	M

One Winding Consequent Pole—Non-Fusible Disconnect①, 3 Phase

Max Hp 200 Volts	230 Volts	460 Volts	575 Volts	NEMA Size	Half Size	Overload Amp Range⑨	Disc Size Amps	Enclosure: NEMA 1 General Purpose Catalog No	Price $	NEMA 4/4X⑥⑧ Watertight, Dusttight Corrosion Resistant 304 Stainless Steel Catalog No	Price $	NEMA 12 NEMA 3/3R⑦ Industrial Use Weatherproof Catalog No	Price $
2	2	3	3	0	—	—	30	32CS††92B2H2*	1542.	32CS††92W2H2*	2466.	32CS††92N2H2*	1740.
5	5	7½	7½	1	—	—	30	32DS††92B2H2*	1614.	32DS††92W2H2*	2538.	32DS††92N2H2*	1812.
7½	7½	10	10	—	1¾	—	60	32ES††92B2H2*	2040.	32ES††92W2H2*	2964.	32ES††92N2H2*	2238.
7½	10	20	20	2	—	—	60	32FS††92B2H2*	2586.	32FS††92W2H2*	3738.	32FS††92N2H2*	2898.
10	15	25	25	—	2½	—	60	32GS††92B2H2*	3240.	32GS††92W2H2*	4392.	32GS††92N2H2*	3552.
20	25	40	40	3	—	—	100	32HS††92B2H2*	3702.	32HS††92W2H2*	5670.	32HS††92N2H2*	4386.
25	30	50	50	—	3½	—	200	32ISL††92B2H2*	7902.	32IS††92W2H2*	10998.	32IS††92N2H2*	9810.
30	40	75	75	4	—	—	200	32JT††92B2H2*	8622.	32JT††92W2H2*	11718.	32JT††92N2H2*	10530.
40	60	100	100	—	4½	100–210	400	32KTSS92B2H2*	15912.	32KTSS92W2H2*	24702.	32KTSS92N2H2*	21114.
60	75	150	150	5	—	100–270	400	32LTUU92B2H2*	16752.	32LTUU92W2H2*	25542.	32LTUU92N2H2*	21954.
100	150	300	300	6	—	200–540	600	32MTXX92B2H2*	37740.	32MTXX92E2H2*	40740.	32MTXX92N2H2*	39360.
—	225	450	450	7	—	420–820	1200	32NTYY92B2H2*	47742.	32NTYY92E2H2*	50742.	32NTYY92N2H2*	49362.

Two Separate Windings—Non-Fusible Disconnect①, 3 Phase

Max Hp 200 Volts	230 Volts	460 Volts	575 Volts	NEMA Size	Half Size	Overload Amp Range⑨	Disc Size Amps	Enclosure: NEMA 1 General Purpose Catalog No	Price $	NEMA 4/4X⑥⑧ Watertight, Dusttight Corrosion Resistant 304 Stainless Steel Catalog No	Price $	NEMA 12 NEMA 3/3R⑦ Industrial Use Weatherproof Catalog No	Price $
2	2	3	3	0	—	—	30	32CS††92B1H2*	1278.	32CS††92W1H2*	2202.	32CS††92N1H2*	1476.
5	5	7½	7½	1	—	—	30	32DS††92B1H2*	1362.	32DS††92W1H2*	2286.	32DS††92N1H2*	1560.
7½	7½	10	10	—	1¾	—	60	32ES††92B1H2*	1698.	32ES††92W1H2*	2622.	32ES††92N1H2*	1896.
7½	10	20	20	2	—	—	60	32FS††92B1H2*	2106.	32FS††92W1H2*	3258.	32FS††92N1H2*	2418.
10	15	25	25	—	2½	—	100	32GS††92B1H2*	2676.	32GS††92W1H2*	3828.	32GS††92N1H2*	2988.
20	25	40	40	3	—	—	100	32HS††92B1H2*	3054.	32HS††92W1H2*	5022.	32HS††92N1H2*	3738.
25	30	50	50	—	3½	—	200	32ISL††92B1H2*	5958.	32IS††92W1H2*	9054.	32IS††92N1H2*	7866.
30	40	75	75	4	—	—	200	32JT††92B1H2*	6438.	32JT††92W1H2*	9534.	32JT††92N1H2*	8346.
40	60	100	100	—	4½	100–210	400	32KTSS92B1H2*	13566.	32KTSS92W1H2*	22356.	32KTSS92N1H2*	18768.
60	75	150	150	5	—	100–270	400	32LTUU92B1H2*	14406.	32LTUU92W1H2*	23196.	32LTUU92N1H2*	19608.
100	150	300	300	6	—	200–540	600	32MTXX92B1H2*	29898.	32MTXX92E1H2*	32898.	32MTXX92N1H2*	31518.
—	225	450	450	7	—	420–820	1200	32NTYY92B1H2*	36930.	32NTYY92E1H2*	39930.	32NTYY92N1H2*	38550.

①24 volt coils are not available on size 4½–7 starters.
②When the coil voltage is 120 volts or less, the starter is wired for separate control except on size 6–7 starters.
③Dual voltage coils NA in stocked or modified starters.
④Not available with self-reset option.
⑤Size 6 and larger supplied in a painted sheet steel enclosure.
⑥NEMA 12 enclosures are UL listed for NEMA 3R applications on sizes 0 through 5 only. Water tight hubs or equivalent provisions for water tight connection at the conduit entrance should be used. For NEMA size 6–7 starters in NEMA 3R enclosure change the 9th digit in the catalog number from an "N" to a "D".
⑦For Nema 4X non-metallic enclosure. See factory modifications page 464.
⑧First † for high speed, second † for low speed. Use motor nameplate information to select FLA.

Combination Multi Speed Heavy Duty Starters

Two Speed Constant Horsepower with Ambient Comp. Bimetal Overload, Class 32

Ordering Instructions

- 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 544. (6-Required)
- Technical Data see pages 467–470.
- Field Modification Kits see pages 457–461.
- Factory Modifications see pages 462–466.
- Dimensions see page 483.
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Coil Table

60Hz Voltage	Letter
24 Separate Control②	J
120 Separate Control②	F
110–120/220–240③	A
200–208	D
220–240	G
277	L
220–240/440–480③	C
440–480	H
575–600	E

For other voltages and frequencies see Factory Modifications page 465.

One Winding Consequent Pole—Non-Fusible Disconnect①, 3 Phase

Max Hp								Enclosure					
								NEMA 1 General Purpose		NEMA 4/4X⑤ Watertight, Dusttight Corrosion Resistant 304 Stainless Steel		NEMA 12 NEMA 3/3R④ Industrial Use Weatherproof	
200 Volts	230 Volts	460 Volts	575 Volts	NEMA Size	Half Size	Cont Amp Rating	Disc Amp Rating	Catalog No	Price $	Catalog No	Price $	Catalog No	Price $
2	2	3	3	0	—	18	30	**32CP92B2H2*81**	**1488.**	**32CP92W2H2*81**	**2412.**	**32CP92N2H2*81**	**1686.**
5	5	7½	7½	1	—	27	30	**32DP92B2H2*81**	**1560.**	**32DP92W2H2*81**	**2484.**	**32DP92N2H2*81**	**1758.**
7½	7½	10	10	—	1¾	40	60	**32EP92B2H2*81**	**1986.**	**32EP92W2H2*81**	**2910.**	**32EP92N2H2*81**	**2184.**
7½	10	20	20	2	—	45	60	**32FP92B2H2*81**	**2532.**	**32FP92W2H2*81**	**3684.**	**32FP92N2H2*81**	**2844.**
10	15	25	25	—	2½	60	100	**32GP92B2H2*81**	**3186.**	**32GP92W2H2*81**	**4338.**	**32GP92N2H2*81**	**3498.**
20	25	40	40	3	—	ESP100 Solid State Overload Standard, see page 443 for selection.							
25	30	50	50	—	3½								
30	40	75	75	4	—								
40	60	100	100	—	4½								
60	75	150	150	5	—								
100	150	300	300	6	—								
—	225	450	450	7	—								

Two Separate Windings—Non-Fusible Disconnect①, 3 Phase

Max Hp								Enclosure					
								NEMA 1 General Purpose		NEMA 4/4X⑤ Watertight, Dusttight Corrosion Resistant 304 Stainless Steel		NEMA 12 NEMA 3/3R④ Industrial Use Weatherproof	
200 Volts	230 Volts	460 Volts	575 Volts	NEMA Size	Half Size	Cont Amp Rating	Disc Amp Rating	Catalog No	Price $	Catalog No	Price $	Catalog No	Price $
2	2	3	3	0	—	18	30	**32CP92B1H2*81**	**1224.**	**32CP92W1H2*81**	**2148.**	**32CP92N1H2*81**	**1422.**
5	5	7½	7½	1	—	27	30	**32DP92B1H2*81**	**1308.**	**32DP92W1H2*81**	**2232.**	**32DP92N1H2*81**	**1506.**
7½	7½	10	10	—	1¾	40	60	**32EP92B1H2*81**	**1644.**	**32EP92W1H2*81**	**2568.**	**32EP92N1H2*81**	**1842.**
7½	10	20	20	2	—	45	60	**32FP92B1H2*81**	**2052.**	**32FP92W1H2*81**	**3204.**	**32FP92N1H2*81**	**2364.**
10	15	25	25	—	2½	60	100	**32GP92B1H2*81**	**2622.**	**32GP92W1H2*81**	**3774.**	**32GP92N1H2*81**	**2934.**
20	25	40	40	3	—	ESP100 Solid State Overload Standard, see page 443 for selection.							
25	30	50	50	—	3½								
30	40	75	75	4	—								
40	60	100	100	—	4½								
60	75	150	150	5	—								
100	150	300	300	6	—								
—	225	450	450	7	—								

①Fuse clip kits are available as factory or field modifications see pages 460 and 462.
②When the coil voltage is 120 volts or less, the starter is wired for separate control.
③Dual voltage coils NA in stocked or modified starters.
④NEMA 12 may be field modified for NEMA 3/3R, see pages 461.
⑤For Nema 4X non-metallic enclosure. See factory modifications page 464.

Combination Multi Speed Heavy Duty Starters

Two Speed Constant Horsepower with Solid State Overload, Class 32

Ordering Instructions

- Replace the (*) with a letter from the coil table. Dual voltage coils are wired on high voltage unless specified on order.
- Replace the (†) with the letters that correspond to the correct FLAs.
- For self-reset overload option on Sizes 0–5, change 4th character from "S" or "T" to "R". No price addition.
- Technical Data see pages 467–470.
- Field Modification Kits see pages 457–461.
- Factory Modifications see pages 462–466.
- Dimensions see page 483.
- Wiring Diagrams see pages 491–492.
- Replacement Parts see page 547.

Coil Table

60Hz Voltage	Letter
24 Separate Control①	J
120 Separate Control②	F
110–120/220–240③	A
200–208	D
220–240	G
277	L
220–240/440–480③④	C
440–480④	H
575–600④	E

For other voltages and frequencies see Factory Modifications page 465.

FLA Table⑧

Size	FLA	†
0,1	0.25–1	A
0,1	0.75–3	B
0,1	2.5–10	D
0–1¾	9–18	E
1–4	13–27	F
1¾	20–40	G
2–4	22–45	H
2½–4	30–60	J
3–4	45–90	K
3½–4	57–115	L
4	67–135	M

One Winding Consequent Pole—Circuit Breaker Type, 3 Phase

Max Hp								Enclosure					
								NEMA 1 General Purpose		NEMA 4/4X⑤⑦ Watertight, Dusttight Corrosion Resistant 304 Stainless Steel		NEMA 12 NEMA 3/3R⑥ Industrial Use Weatherproof	
200 Volts	230 Volts	460 Volts	575 Volts	NEMA Size	Half Size	Overload Amp Range	Motor Circuit Interrupter ETI Amps	Catalog No	Price $	Catalog No	Price $	Catalog No	Price $
2	2	3	3	0	—	—	10	32CS††92B2H*	1824.	32CS††92W2H*	2748.	32CS††92N2H*	2022.
5	5	7½	7½	1	—	—	25	32DS††92B2H*	1896.	32DS††92W2H*	2820.	32DS††92N2H*	2094.
7½	7½	10	10	—	1¾	—	40	32ES††92B2H*	2352.	32ES††92W2H*	3276.	32ES††92N2H*	2550.
7½	10	20	20	2	—	—	50	32FS††92B2H*	2898.	32FS††92W2H*	4050.	32FS††92N2H*	3210.
10	15	25	25	—	2½	—	100	32GS††92B2H*	3450.	32GS††92W2H*	4602.	32GS††92N2H*	3762.
20	25	40	40	3	—	—	100	32HS††92B2H*	3912.	32HS††92W2H*	5880.	32HS††92N2H*	4596.
25	30	50	50	—	3½	—	125	32IS††92B2H*	8694.	32IS††92W2H*	11790.	32IS††92N2H*	10602.
30	40	75	75	4	—	—	125	32JT††92B2H*	9414.	32JT††92W2H*	12510.	32JT††92N2H*	11322.
40	60	100	100	—	4½	100–210	250	32KTSS92B2H*	17646.	32KTSS92W2H*	26436.	32KTSS92N2H*	22848.
60	75	150	150	5	—	100–270	400	32LTUU92B2H*	18486.	32LTUU92W2H*	27276.	32LTUU92N2H*	26688.
100	150	300	300	6	—	200–540	800	32MTXX92B2H*	38432.	32MTXX92E2H*	43502.	32MTXX92N2H*	41606.
—	225	450	450	7	—	420–820	1000	32NTYY92B2H*	50460.	32NTYY92E2H*	53460.	32NTYY92N2H*	52080.

Two Separate Windings—Circuit Breaker Type, 3 Phase

Max Hp								Enclosure					
								NEMA 1 General Purpose		NEMA 4/4X⑤⑦ Watertight, Dusttight Corrosion Resistant 304 Stainless Steel		NEMA 12 NEMA 3/3R⑥ Industrial Use Weatherproof	
200 Volts	230 Volts	460 Volts	575 Volts	NEMA Size	Half Size	Overload Amp Range	Motor Circuit Interrupter ETI Amps	Catalog No	Price $	Catalog No	Price $	Catalog No	Price $
2	2	3	3	0	—	—	10	32CS††92B1H*	1560.	32CS††92W1H*	2484.	32CS††92N1H*	1758.
5	5	7½	7½	1	—	—	30	32DS††92B1H*	1644.	32DS††92W1H*	2568.	32DS††92N1H*	1842.
7½	7½	10	10	—	1¾	—	40	32ES††92B1H*	2010.	32ES††92W1H*	2934.	32ES††92N1H*	2208.
7½	10	20	20	2	—	—	50	32FS††92B1H*	2418.	32FS††92W1H*	3570.	32FS††92N1H*	2730.
10	15	25	25	—	2½	—	100	32GS††92B1H*	2886.	32GS††92W1H*	4038.	32GS††92N1H*	3198.
20	25	40	40	3	—	—	100	32HS††92B1H*	3264.	32HS††92W1H*	5232.	32HS††92N1H*	3948.
25	30	50	50	—	3½	—	125	32IS††92B1H*	6750.	32IS††92W1H*	9846.	32IS††92N1H*	8658.
30	40	75	75	4	—	—	150	32JT††92B1H*	7230.	32JT††92W1H*	10326.	32JT††92N1H*	9138.
40	60	100	100	—	4½	100–210	250	32KTSS92B1H*	15300.	32KTSS†92W1H*	24090.	32KTSS92N1H*	21342
60	75	150	150	5	—	100–270	400	32LTUU92B1H*	16140.	32LTUU92W1H*	24930.	32LTUU92N1H*	29052
100	150	300	300	6	—	200–540	800	32MTXX92B1H*	30596.	32MTXX92E1H*	35516.	32MTXX92N1H*	33786.
—	225	450	450	7	—	420–820	1000	32NTYY92B1H*	40172.	32NTYY92E1H*	44172.	32NTYY92N1H*	43482.

①24 volt coils are not available on size 4½–7 starters.
②When the coil voltage is 120 volts or less, the starter is wired for separate control except on size 6–7 starters.
③Dual voltage coils NA in stocked or modified starters.
④Not available with self-reset option.
⑤Size 6 and larger supplied in a painted sheet steel enclosure.
⑥NEMA 12 enclosures are UL listed for NEMA 3R applications on sizes 0 through 5 only. Water tight hubs or equivalent provisions for water tight connection at the conduit entrance should be used. For NEMA size 6–7 starters in NEMA 3R enclosure change the 9th digit in the catalog number from an "N" to a "D".
⑦For Nema 4X non-metallic enclosure. See factory modifications page 464.
⑧First † for high speed, second † for low speed. Use motor nameplate information to select FLA.

Combination Multi Speed Heavy Duty Starters

SELECTION

Two Speed Constant Horsepower with Ambient Comp. Bimetal Overload, Class 32

Ordering Instructions

- Replace the (*) with a letter from the coil table. Dual voltage coils are wired on high voltage unless specified on order.
- Heater elements see pages 544. (6-Required)
- Technical Data see pages 467–470.
- Field Modification Kits see pages 457–461.
- Factory Modifications see pages 462–466.
- Dimensions see page 483.
- Wiring Diagrams see pages 491–492.
- Replacement Parts see page 547.

Coil Table

60Hz Voltage	Letter
24 Separate Control①	J
120 Separate Control①	F
110–120/220–240②	A
200–208	D
220–240	G
277	L
220–240/440–480②	C
440–480	H
575–600	E

For other voltages and frequencies see Factory Modifications page 465.

One Winding Consequent Pole—Circuit Breaker Type, 3 Phase

Max Hp								Enclosure					
								NEMA 1 General Purpose		NEMA 4/4X④ Watertight, Dusttight Corrosion Resistant 304 Stainless Steel		NEMA 12 NEMA 3/3R③ Industrial Use Weatherproof	
200 Volts	230 Volts	460 Volts	575 Volts	NEMA Size	Half Size	Cont Amp Rating	Motor Circuit Interrupter ETI Amps	Catalog No	Price $	Catalog No	Price $	Catalog No	Price $
½	½	1	1	0	—	18	10	32CP92B2HA*81	1770.	32CP92W2HA*81	2694.	32CP92N2HA*81	1968.
1½	1½	3	3	0	—	18	10	32CP92B2HB*81	1770.	32CP92W2HB*81	2694.	32CP92N2HB*81	1968.
2	2	—	—	0	—	18	10	32CP92B2HC*81	1770.	32CP92W2HC*81	2694.	32CP92N2HC*81	1968.
½	½	1	1	1	—	27	10	32DP92B2HA*81	1842.	32DP92W2HA*81	2766.	32DP92N2HA*81	2040.
1½	1½	3	3	1	—	27	10	32DP92B2HB*81	1842.	32DP92W2HB*81	2766.	32DP92N2HB*81	2040.
3	3	7½	7½	1	—	27	25	32DP92B2HD*81	1842.	32DP92W2HD*81	2766.	32DP92N2HD*81	2040.
5	5	—	—	1	—	27	25	32DP92B2HE*81	1842.	32DP92W2HE*81	2766.	32DP92N2HE*81	2040.
—	—	10	10	—	1¾	40	40	32EP92B2HF*81	2298.	32EP92W2HF*81	3222.	32EP92N2HF*81	2496.
7½	7½	—	—	—	1¾	40	40	32EP92B2HG*81	2298.	32EP92W2HG*81	3222.	32EP92N2HG*81	2496.
—	7½	15	20	2	—	45	50	32FP92B2HH*81	2844.	32FP92W2HH*81	3996.	32FP92N2HH*81	3156.
7½	10	20	—	2	—	45	50	32FP92B2HJ*81	2844.	32FP92W2HJ*81	3996.	32FP92N2HJ*81	3156.
—	—	30	30	—	2½	60	100	32GP92B2HK*81	3396.	32GP92W2HK*81	4548.	32GP92N2HK*81	3708.
10	15	30	40	3	—	ESP100 Solid State Overload Standard, see page 445 for selection.							
20	25	40	—	3	—								
25	30	50	50	—	3½								
30	40	75	—	4	—								
—	—	—	75	4	—								
40	60	—	—	—	4½								
—	—	100	100	—	4½								
60	75	125	150	5	—								
—	—	150	—	5	—								
—	225	450	450	6	—								
100	150	300	300	7	—								

①When the coil voltage is 120 volts or less, the starter is wired for separate control.
②Dual voltage coils NA in stocked or modified starters.
③NEMA 12 may be field modified for NEMA 3/3R, see pages 461.
④For Nema 4X non-metallic enclosure. See factory modifications page 465.

Combination Multi Speed Heavy Duty Starters

Two Speed Constant Horsepower with Ambient Comp. Bimetal Overload, Class 32

Ordering Instructions

- Replace the (*) with a letter from the coil table. Dual voltage coils are wired on high voltage unless specified on order.
- Heater elements see pages 544. (6-Required)
- Technical Data see pages 467–470.
- Field Modification Kits see pages 457–461.
- Factory Modifications see pages 462–466.
- Dimensions see page 483.
- Wiring Diagrams see pages 491–492.
- Replacement Parts see page 547.

Coil Table

60Hz Voltage	Letter
24 Separate Control①	J
120 Separate Control①	F
110–120/220–240②	A
200–208	D
220–240	G
277	L
220–240/440–480②	C
440–480	H
575–600	E

For other voltages and frequencies see Factory Modifications page 465.

Two Separate Windings—Circuit Breaker Type, 3 Phase

Max Hp								Enclosure					
								NEMA 1 General Purpose		NEMA 4/4X④ Watertight, Dusttight Corrosion Resistant 304 Stainless Steel		NEMA 12 NEMA 3/3R③ Industrial Use Weatherproof	
200 Volts	230 Volts	460 Volts	575 Volts	NEMA Size	Half Size	Cont Amp Rating	Motor Circuit Interrupter ETI Amps	Catalog No	Price $	Catalog No	Price $	Catalog No	Price $
½	½	1	1	0	—	18	10	**32CP92B1HA*81**	**1506.**	**32CP92W1HA*81**	**2430.**	**32CP92N1HA*81**	**1704.**
1½	1½	3	3	0	—	18	10	**32CP92B1HB*81**	**1506.**	**32CP92W1HB*81**	**2430.**	**32CP92N1HB*81**	**1704.**
2	2	—	—	0	—	18	10	**32CP92B1HC*81**	**1506.**	**32CP92W1HC*81**	**2430.**	**32CP92N1HC*81**	**1704.**
½	½	1	1	1	—	27	10	**32DP92B1HA*81**	**1590.**	**32DP92W1HA*81**	**2514.**	**32DP92N1HA*81**	**1788.**
1½	1½	3	3	1	—	27	10	**32DP92B1HB*81**	**1590.**	**32DP92W1HB*81**	**2514.**	**32DP92N1HB*81**	**1788.**
3	3	7½	7½	1	—	27	30	**32DP92B1HD*81**	**1590.**	**32DP92W1HD*81**	**2514.**	**32DP92N1HD*81**	**1788.**
5	5	—	—	1	—	27	30	**32DP92B1HE*81**	**1590.**	**32DP92W1HE*81**	**2514.**	**32DP92N1HE*81**	**1788.**
—	—	10	10	—	1¾	40	40	**32EP92B1HF*81**	**1956.**	**32EP92W1HF*81**	**2880.**	**32EP92N1HF*81**	**2154.**
7½	7½	—	—	—	1¾	40	40	**32EP92B1HG*81**	**1956.**	**32EP92W1HG*81**	**2880.**	**32EP92N1HG*81**	**2154.**
—	7½	15	20	2	—	45	50	**32FP92B1HH*81**	**2364.**	**32FP92W1HH*81**	**3516.**	**32FP92N1HH*81**	**2676.**
7½	10	20	—	2	—	45	50	**32FP92B1HJ*81**	**2364.**	**32FP92W1HJ*81**	**3516.**	**32FP92N1HJ*81**	**2676.**
—	—	30	30	—	2½	60	100	**32GP92B1HK*81**	**2832.**	**32GP92W1HK*81**	**3984.**	**32GP92N1HK*81**	**3144.**
10	15	30	40	3	—	ESP100 Solid State Overload Standard, see page 445 for selection.							
20	25	40	—	3	—								
25	30	50	50	—	3½								
30	40	75	—	4	—								
—	—	—	75	4	—								
40	60	—	—	—	4½								
—	—	100	100	—	4½								
60	75	125	150	5	—								
—	—	150	—	5	—								
—	225	450	450	6	—								
100	150	300	300	7	—								

①When the coil voltage is 120 volts or less, the starter is wired for separate control.
②Dual voltage coils NA in stocked or modified starters.
③NEMA 12 may be field modified for NEMA 3/3R, see pages 461.
④For Nema 4X non-metallic enclosure. See factory modifications page 464.