Combination Heavy Duty Starters

Non-Fusible with Solid State Overload, Class 17

Ordering Instructions

- Replace the (*) with a letter from the coil table. Dual voltage coils are wired on high voltage unless specified on order.
- For Class 10 or 30 Overload Protection add suffix "51" or "53" to catalog number. Example for Class 10: 17CSD92B***51**. No price addition.
- 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 467–471.
- For fuse clip kits see page 460.
- Field Modification Kits see pages 457–461.
- Factory Modifications see pages 462–466.
- Dimensions see pages 475–477.
- Wiring Diagrams see page 488.
- Replacement parts see pages 547.

Coil Table

60Hz Voltage	Letter
24 Separate Control	J
120 Separate Control	F
110–120/220–240①	A
200–208	D
220–240	G
277	L
220–240/440–480①②	C
440–480②	H
550-600②	E

For other voltages and frequencies see Factory Modifications page 465 .

Standard Width Enclosure, 3 Phase, 3 Pole

Max Hp								Enclosure							
								NEMA 1 General Purpose		NEMA 4 Painted Watertight, Dusttight		NEMA 4/4X③ 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	Overload Amp Range	Disc Amp Rating	Catalog No	Price $	Catalog No	Price $	Catalog No	Price $	Catalog No	Price $
⅙	⅙	⅓	½	0	—	0.25–1	30	**17CSA92B***	**573.**	**17CSA92E***	**1092.**	**17CSA92W***	**1149.**	**17CSA92N***	**717.**
½	¾	1½	2	0	—	0.75–3	30	**17CSB92B***	**573.**	**17CSB92E***	**1092.**	**17CSB92W***	**1149.**	**17CSB92N***	**717.**
2	2	5	5	0	—	2.5–10	30	**17CSD92B***	**573.**	**17CSD92E***	**1092.**	**17CSD92W***	**1149.**	**17CSD92N***	**717.**
3	3	—	—	0	—	9–18	30	**17CSE92B***	**573.**	**17CSE92E***	**1092.**	**17CSE92W***	**1149.**	**17CSE92N***	**717.**
⅙	⅙	⅓	½	1	—	0.25–1	30	**17DSA92B***	**603.**	**17DSA92E***	**1121.**	**17DSA92W***	**1179.**	**17DSA92N***	**747.**
½	¾	1½	2	1	—	0.75–3	30	**17DSB92B***	**603.**	**17DSB92E***	**1121.**	**17DSB92W***	**1179.**	**17DSB92N***	**747.**
2	2	5	5	1	—	2.5–10	30	**17DSD92B***	**603.**	**17DSD92E***	**1121.**	**17DSD92W***	**1179.**	**17DSD92N***	**747.**
3	3	10	10	1	—	9–18	30	**17DSE92B***	**603.**	**17DSE92E***	**1121.**	**17DSE92W***	**1179.**	**17DSE92N***	**747.**
7½	7½	—	—	1	—	13–27	30	**17DSF92B***	**603.**	**17DSF92E***	**1121.**	**17DSF92W***	**1179.**	**17DSF92N***	**747.**
—	—	15	15	—	1¾	13–27	60	**17ESF92B***	**693.**	**17ESF92E***	**1206.**	**17ESF92W***	**1269.**	**17ESF92N***	**837.**
10	10	—	—	—	1¾	20–40	60	**17ESG92B***	**693.**	**17ESG92E***	**1206.**	**17ESG92W***	**1269.**	**17ESG92N***	**837.**
—	—	15	20	2	—	13–27	60	**17FSF92B***	**939.**	**17FSF92E***	**1737.**	**17FSF92W***	**1827.**	**17FSF92N***	**1143.**
10	15	25	25	2	—	22–45	60	**17FSH92B***	**939.**	**17FSH92E***	**1737.**	**17FSH92W***	**1827.**	**17FSH92N***	**1143.**
—	—	30	30	—	2½	22–45	100	**17GSH92B***	**1269.**	**17GSH92E***	**2677.**	**17GSH92W***	**2817.**	**17GSH92N***	**1533.**
15	20	—	—	—	2½	30–60	100	**17GSJ92B***	**1269.**	**17GSJ92E***	**2677.**	**17GSJ92W***	**2817.**	**17GSJ92N***	**1533.**
—	—	30	40	3	—	30–60	100	**17HSJ92B***	**1545.**	**17HSJ92E***	**2939.**	**17HSJ92W***	**3093.**	**17HSJ92N***	**1809.**
25	30	50	50	3	—	45–90	100	**17HSK92B***	**1545.**	**17HSK92E***	**2939.**	**17HSK92W***	**3093.**	**17HSK92N***	**1809.**
30	40	75	75	—	3½	57–115	200	**17ISL92B***	**2715.**	**17ISL92E***	**4461.**	**17ISL92W***	**4695.**	**17ISL92N***	**3447.**
40	50	100	100	4	—	67–135	200	**17JTM92B***	**2955.**	**17JTM92E***	**4689.**	**17JTM92W***	**4935.**	**17JTM92N***	**3687.**
50	75	150	150	—	4½	100–210	250⑤	**17KTS92B***	**6180.**	**17KTS92E***	**10670.**	**17KTS92W***	**11232.**	**17KTS92N***	**7956.**
75	100	200	200	5	—	100–270	400	**17LTU92B***	**6600.**	**17LTU92E***	**11609.**	**17LTU92W***	**11652.**	**17LTU92N***	**8376.**
150	200	400	400	6	—	200–540	800	**17MTX92B***	**17370.**	**17MTX92E***	**20370.**	—	—	**17MTX92N***	**18990.**
—	300	600	600	7	—	420–820	1200	**17NTY92B***	**21672.**	**17NTY92E***	**24672.**	—	—	**17NTY92N***	**23292.**
—	450	900	900	8	—	420–1220	1600	**17PTZ92B***	**29121.**	**17PTZ92E***	**32121.**	—	—	**17PTZ92N***	**30741.**

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

①Dual voltage coils NA in stocked or modified starters, or in sizes 4½–7.

②Not available with self-reset option.

③For NEMA 4X fiberglass enclosure change 8th character of catalog number to **F**. Example: 17CSD92**F***. Price same as stainless steel. Available in standard width through size 4.

④NEMA 12 may be field modified for NEMA 3/3R, see page 461.

⑤Molded Case Switch

Non-Fusible with Solid State Overload, Class 17

Ordering Instructions

- Replace the (*) with a letter from the coil table. Dual voltage coils are wired on high voltage unless specified on order.
- For Class 10 or 30 Overload Protection add suffix "51" or "53" to catalog number. Example for Class 10: 17CSD92B***51**. No price addition.
- For self-reset overload option, change 4th character from "S"or "T" to "R". No price addition.
- Technical Data see pages 467–471.
- For fuse clip kits, see page 460.
- Field Modification Kits see pages 457–461.
- Factory Modifications see pages 462–466.
- Dimensions see pages 475–477.
- Wiring Diagrams see page 488.
- Replacement parts see pages 547.

Coil Table

60Hz Voltage	Letter
24 Separate Control	J
120 Separate Control	F
110–120/220–240①	A
200–208	D
220–240	G
277	L
220–240/440–480①②	C
440–480②	H
575-600②	E

For other voltages and frequencies see Factory Modifications page 465.

Extra Wide Enclosure, 3 Phase, 3 Pole

Max Hp								Enclosure					
								NEMA 1 General Purpose		NEMA 4/4X 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	Overload Amp Range	Disc Amp Rating	Catalog No	Price $	Catalog No	Price $	Catalog No	Price $
⅛	⅛	⅓	½	0	—	0.25–1	30	**17CSA82B***	**723.**	**17CSA82W***	**1599.**	**17CSA82N***	**987**
½	¾	1½	2	0	—	0.75–3	30	**17CSB82B***	**723.**	**17CSB82W***	**1599.**	**17CSB82N***	**987.**
2	2	5	5	0	—	2.5–10	30	**17CSD82B***	**723.**	**17CSD82W***	**1599.**	**17CSD82N***	**987.**
3	3	—	—	0	—	9–18	30	**17CSE82B***	**723.**	**17CSE82W***	**1599.**	**17CSE82N***	**987.**
⅛	⅛	⅓	½	1	—	0.25–1	30	**17DSA82B***	**753.**	**17DSA82W***	**1629.**	**17DSA82N***	**1017.**
½	¾	1½	2	1	—	0.75–3	30	**17DSB82B***	**753.**	**17DSB82W***	**1629.**	**17DSB82N***	**1017.**
2	2	5	5	1	—	2.5–10	30	**17DSD82B***	**753.**	**17DSD82W***	**1629.**	**17DSD82N***	**1017.**
3	3	10	10	1	—	9–18	30	**17DSE82B***	**753.**	**17DSE82W***	**1629.**	**17DSE82N***	**1017.**
7½	7½	—	—	1	—	13–27	30	**17DSF82B***	**753.**	**17DSF82W***	**1629.**	**17DSF82N***	**1017.**
—	—	15	15	—	1¾	13–27	60	**17ESF82B***	**843.**	**17ESF82W***	**1719.**	**17ESF82N***	**1107.**
10	10	—	—	—	1¾	20–40	60	**17ESG82B***	**843.**	**17ESG82W***	**1719.**	**17ESG82N***	**1107.**
—	—	15	20	2	—	13–27	60	**17FSF82B***	**1089.**	**17FSF82W***	**2277.**	**17FSF82N***	**1413.**
10	15	25	25	2	—	22–45	60	**17FSH82B***	**1089.**	**17FSH82W***	**2277.**	**17FSH82N***	**1413.**
—	—	30	30	—	2½	22–45	100	**17GSH82B***	**1569.**	**17GSH82W***	**3717.**	**17GSH82N***	**2073.**
15	20	—	—	—	2½	30–60	100	**17GSJ82B***	**1569.**	**17GSJ82W***	**3717.**	**17GSJ82N***	**2073.**
—	—	30	40	3	—	30–60	100	**17HSJ82B***	**1845.**	**17HSJ82W***	**3993.**	**17HSJ82N***	**2349.**
25	30	50	50	3	—	45–90	100	**17HSK82B***	**1845.**	**17HSK82W***	**3993.**	**17HSK82N***	**2349.**

Horizonal Compact Enclosure, 3 Phase, 3 Pole

Max Hp								Enclosure					
								NEMA 1 General Purpose		NEMA 4/4X 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	Overload Amp Range	Disc Amp Range	Catalog No	Price $	Catalog No	Price $	Catalog No	Price $
⅛	⅛	⅓	½	0	—	0.25–1	30	**17CSA72B***	**573.**	**17CSA72W***	**1149.**	**17CSA72N***	**717.**
½	¾	1½	2	0	—	0.75–3	30	**17CSB72B***	**573.**	**17CSB72W***	**1149.**	**17CSB72N***	**717.**
2	2	5	5	0	—	2.5–10	30	**17CSD72B***	**573.**	**17CSD72W***	**1149.**	**17CSD72N***	**717.**
3	3	—	—	0	—	9–18	30	**17CSE72B***	**573.**	**17CSE72W***	**1149.**	**17CSE72N***	**717.**
⅛	⅛	⅓	½	1	—	0.25–1	30	**17DSA72B***	**573.**	**17DSA72W***	**1149.**	**17DSA72N***	**717.**
½	¾	1½	2	1	—	0.7–3	30	**17DSB72B***	**603.**	**17DSB72W***	**1179.**	**17DSB72N***	**747.**
2	2	5	5	1	—	2.5–10	30	**17DSD72B***	**603.**	**17DSD72W***	**1179.**	**17DSD72N***	**747.**
3	3	10	10	1	—	9–18	30	**17DSE72B***	**603.**	**17DSE72W***	**1179.**	**17DSE72N***	**747.**
7½	7½	—	—	1	—	13–27	—	**17DSF72B***	**603.**	**17DSF72W***	**1179.**	**17DSF72N***	**747.**
—	—	15	15	—	1¾	13–27	60	**17ESF72B***	**693.**	**17ESF72W***	**1269.**	**17ESF72N***	**837.**
10	10	—	—	—	1¾	20–40	60	**17ESG72B***	**693.**	**17ESG72W***	**1269.**	**17ESG72N***	**837.**
—	—	15	20	2	—	13–27	60	**17FSF72B***	**939.**	**17FSF72W***	**1827.**	**17FSF72N***	**1143.**
10	15	25	25	2	—	22–45	60	**17FSH72B***	**939.**	**17FSH72W***	**1827.**	**17FSH72N***	**1143.**

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

①Dual voltage coils NA in stocked or modified starters.
②Not available with self-reset option.
③NEMA 12 may be field modified for NEMA 3/3R see page 461.

Combination Heavy Duty Starters

Non-Fusible with Ambient Compensated Bimetal Overload, Class 17

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.
- Technical Data see pages 467–471.
- For fuse clip kits see page 460.
- Field Modification Kits see pages 457–461.
- Factory Modifications see pages 462–466.
- Dimensions see pages 475–477.
- Wiring Diagrams see page 488.
- Replacement parts see pages 547.

Coil Table

60Hz Voltage	Letter
24 Separate Control	J
120 Separate Control	F
110–120/220–240①	A
200–208	D
220–240	G
277	L
220–240/440–480①	C
440–480	H
575–600	E

For other voltages and frequencies see Factory Modifications page 465.

Standard Width Enclosure, 3 Phase, 3 Pole

Max Hp								Enclosure							
								NEMA 1 General Purpose		NEMA 4 Painted Watertight, Dustlight		NEMA 4/4X② Watertight, Dusttight Corrosion Resistant 304 Stainless Steel		NEMA 12 NEMA 3/3R③ Industrial Use Weatherproof	
200 Volts	230 Volts	460 Volts	575 Volts	Cont Amp Rating	NEMA Size	Half Size	Disc Amp Rating	Catalog No	Price $	Catalog No	Price $	Catalog No	Price $	Catalog No	Price $
3	3	5	5	18	0	—	30	**17CP92B*81**	**546.**	**17CP92E*81**	**1065.**	**17CP92W*81**	**1122.**	**17CP92N*81**	**690.**
7½	7½	10	10	27	1	—	30	**17DP92B*81**	**576.**	**17DP92E*81**	**1094.**	**17DP92W*81**	**1152.**	**17DP92N*81**	**720.**
10	10	15	15	40	—	1¾	60	**17EP92B*81**	**666.**	**17EP92E*81**	**1179.**	**17EP92W*81**	**1242.**	**17EP92N*81**	**810.**
10	15	25	25	45	2	—	60	**17FP92B*81**	**912.**	**17FP92E*81**	**1710.**	**17FP92W*81**	**1800.**	**17FP92N*81**	**1116.**
15	20	30	30	60	—	2½	100	**17GP92B*81**	**1242.**	**17GP92E*81**	**2650.**	**17GP92W*81**	**2790.**	**17GP92N*81**	**1506.**
25	30	50	50	90	3	—	100	ESP100 solid state overload standard. See page 414 for selection.							
30	40	75	75	115	—	3½	200								
40	50	100	100	135	4	—	200								
50	75	150	150	210	—	4½	250								
75	100	200	200	270	5	—	400								
150	200	400	400	540	6	—	600								
—	300	600	600	810	7	—	1200								
—	450	900	900	1215	8	—	1600								

Extra Wide Enclosure, 3 Phase, 3 Pole

Max Hp								Enclosure					
								NEMA 1 General Purpose		NEMA 4/4X Watertight, Dusttight Corrosion Resistant 304 Stainless Steel		NEMA 12 NEMA 3/3R③ Industrial Use Weatherproof	
200 Volts	230 Volts	460 Volts	575 Volts	Cont Amp Rating	NEMA Size	Half Size	Disc Amp Rating	Catalog No	Price $	Catalog No	Price $	Catalog No	Price $
3	3	5	5	18	0	—	30	**17CP82B*81**	**696.**	**17CP82W*81**	**1572.**	**17CP82N*81**	**960.**
7½	7½	10	10	27	1	—	30	**17DP82B*81**	**726.**	**17DP82W*81**	**1602.**	**17DP82N*81**	**990.**
10	10	15	15	40	—	1¾	60	**17EP82B*81**	**816.**	**17EP82W*81**	**1692.**	**17EP82N*81**	**1080.**
10	15	25	25	45	2	—	60	**17FP82B*81**	**1062.**	**17FP82W*81**	**2250.**	**17FP82N*81**	**1386.**
15	20	30	30	60	—	2½	100	**17GP82B*81**	**1542.**	**17GP82W*81**	**3690.**	**17GP82N*81**	**2046.**
25	30	50	50	90	3	—	100	ESP 100 solid state overload standard, see page 415 for selection.					

Horizontal Compact Enclosure, 3 Phase, 3 Pole

Max Hp								Enclosure					
								NEMA 1 General Purpose		NEMA 4/4X Watertight, Dusttight Corrosion Resistant 304 Stainless SteelWeatherproof		NEMA 12 NEMA 3/3R③ Industrial Use	
200 Volts	230 Volts	460 Volts	575 Volts	Cont Amp Rating	NEMA Size	Half Size	Disc Amp Rating	Catalog No	Price $	Catalog No	Price $	Catalog No	Price $
3	3	5	5	18	0	—	30	**17CP72B*81**	**546.**	**17CP72W*81**	**1122.**	**17CP72N*81**	**690.**
7½	7½	10	10	27	1	—	30	**17DP72B*81**	**576.**	**17DP72W*81**	**1152.**	**17DP72N*81**	**720.**
10	10	15	15	40	—	1¾	60	**17EP72B*81**	**666.**	**17EP72W*81**	**1242.**	**17EP72N*81**	**810.**
10	15	25	25	45	2	—	60	**17FP72B*81**	**912.**	**17FP72W*81**	**1800.**	**17FP72N*81**	**1116.**

①Dual voltage coils NA in stocked or modified starters.

②For NEMA 4X fiberglass enclosure, change 7th character of catalog number to **F**. Example: 17CP92F*81. Price same as stainless steel.

③NEMA 12 may be field modified for NEMA 3/3R, see page 461.

Combination Heavy Duty Starters

SELECTION

Fusible with Solid State Overload, Class 17

Ordering Instructions

- Replace the (*) with a letter from the coil table. Dual voltage coils are wired on high voltage unless specified on order. Fuse clips are rejection type.
- For Class 10 or 30 Overload Protection add suffix "51" or "53" to catalog number. Example for Class 10: 17CSD92B***51**. No price addition.
- 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 467–471.
- Field Modification Kits see pages 457–461.
- Factory Modifications see pages 462–466.
- Dimensions see pages 475–477.
- Wiring Diagrams see page 488.
- Replacement Parts see page 547.

Coil Table

60Hz Voltage	Letter
24 Separate Control	J
120 Separate Control	F
110–120/220–240①	A
200–208	D
220–240	G
277	L
220–240/440–480①②	C
440–480②	H
575–600②	E

For other voltages and frequencies see Factory Modifications page 465.

Standard Width Enclosure, 3 Phase, 3 Pole

Max Hp									Enclosure							
									NEMA 1 General Purpose		NEMA 4 Painted, Watertight, Dusttight		NEMA 4/4X③ 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	Overload Amp Range	Disc Amp Rating	Fuse Clip Size Amps/Volts	Catalog No	Price $	Catalog No	Price $	Catalog No	Price $	Catalog No	Price $
⅙	⅙	—	—	0	—	0.25–1	30	30A/250V	17CSA92B*10	591.	17CSA92E*10	1110.	17CSA92W*10	1167.	17CSA92N*10	735.
—	—	⅓	½	0	—	0.25–1	30	30A/600V	17CSA92B*11	591.	17CSA92E*11	1110.	17CSA92W*11	1167.	17CSA92N*11	735.
½	¾	—	—	0	—	0.75–3	30	30A/250V	17CSB92B*10	591.	17CSB92E*10	1110.	17CSB92W*10	1167.	17CSB92N*10	735.
—	—	1½	2	0	—	0.75–3	30	30A/600V	17CSB92B*11	591.	17CSB92E*11	1110.	17CSB92W*11	1167.	17CSB92N*11	735.
2	2	—	—	0	—	2.5–10	30	30A/250V	17CSD92B*10	591.	17CSD92E*10	1110.	17CSD92W*10	1167.	17CSD92N*10	735.
—	—	5	5	0	—	2.5–10	30	30A/600V	17CSD92B*11	591.	17CSD92E*11	1110.	17CSD92W*11	1167.	17CSD92N*11	735.
3	3	—	—	0	—	9–18	30	30A/250V	17CSE92B*10	591.	17CSE92E*10	1110.	17CSE92W*10	1167.	17CSE92N*10	735.
⅙	⅙	—	—	1	—	0.25–1	30	30A/250V	17DSA92B*10	621.	17DSA92E*10	1139.	17DSA92W*10	1197.	17DSA92N*10	765.
—	—	⅓	½	1	—	0.25–1	30	30A/600V	17DSA92B*11	621.	17DSA92E*11	1139.	17DSA92W*11	1197.	17DSA92N*11	765.
½	¾	—	—	1	—	0.75–3	30	30A/250V	17DSB92B*10	621.	17DSB92E*10	1139.	17DSB92W*10	1197.	17DSB92N*10	765.
—	—	1½	2	1	—	0.75–3	30	30A/600V	17DSB92B*11	621.	17DSA92E*11	1139.	17DSA92W*11	1197.	17DSA92N*11	765.
2	2	—	—	1	—	2.5–10	30	30A/250V	17DSD92B*10	621.	17DSD92E*10	1139.	17DSD92W*10	1197.	17DSD92N*10	765.
—	—	5	5	1	—	2.5–10	30	30A/600V	17DSD92B*11	621.	17DSD92E*11	1139.	17DSD92W*11	1197.	17DSD92N*11	765.
3	3	—	—	1	—	9–18	30	30A/250V	17DSE92B*10	621.	17DSE92E*10	1139.	17DSE92W*10	1197.	17DSE92N*10	765.
—	—	10	10	1	—	9–18	30	30A/600V	17DSE92B*11	621.	17DSE92E*11	1139.	17DSE92W*11	1197.	17DSE92N*11	765.
7½	7½	—	—	1	—	13–27	30	30A/250V	17DSF92B*10	621.	17DSF92E*10	1139.	17DSF92W*10	1197.	17DSF92N*10	765.
—	—	15	15	—	1¾	13–27	60	60A/600V	17ESF92B*13	735.	17ESF92E*13	1245.	17ESF92W*13	1311.	17ESF92N*13	879.
10	10	—	—	—	1¾	20–40	60	60A/250V	17ESG92B*12	723.	17ESG92E*12	1234.	17ESG92W*12	1299.	17ESG92N*12	867.
—	—	15	20	2	—	13–27	60	60A/600V	17FSF92B*13	981.	17FSF92E*13	1776.	17FSF92W*13	1869.	17FSF92N*13	1185.
10	15	—	—	2	—	22–45	60	60A/250V	17FSH92B*12	969.	17FSH92E*12	1764.	17FSH92W*12	1857.	17FSH92N*12	1173.
—	—	25	25	2	—	22–45	60	60A/600V	17FSH92B*13	981.	17FSH92E*13	1776.	17FSH92W*13	1869.	17FSH92N*13	1185.
—	—	30	30	—	2½	22–45	100	100A/600V	17GSH92B*15	1311.	17GSH92E*15	2716.	17GSH92W*15	2859.	17GSH92N*15	1575.
15	20	—	—	—	2½	30–60	100	100A/250V	17GSJ92B*14	1299.	17GSJ92E*14	2705.	17GSJ92W*14	2847.	17GSJ92N*14	1563.
—	—	30	40	3	—	30–60	100	100A/600V	17HSJ92B*15	1641.	17HSJ92E*15	3030.	17HSJ92W*15	3189.	17HSJ92N*15	1905.
25	30	—	—	3	—	45–90	100	100A/250V	17HSK92B*14	1641.	17HSK92E*14	3030.	17HSK92W*14	3189.	17HSK92N*14	1905.
—	—	50	50	3	—	45–90	100	100A/600V	17HSK92B*15	1641.	17HSK92E*15	3030.	17HSK92W*15	3189.	17HSK92N*15	1905.
30	40	—	—	—	3½	57–115	200	200A/250V	17ISL92B*16	2931.	17ISL92E*16	4665.	17ISL92W*16	4911.	17ISL92N*16	3663.
—	—	75	75	—	3½	57–115	200	200A/600V	17ISL92B*17	2931.	17ISL92E*17	4665.	17ISL92W*17	4911.	17ISL92N*17	3663.
40	50	—	—	4	—	67–135	200	200A/250V	17JTM92B*16	3171.	17JTM92E*16	4894.	17JTM92W*16	5151.	17JTM92N*16	3903.
—	—	100	100	4	—	67–135	200	200A/600V	17JTM92B*17	3171.	17JTM92E*17	4894.	17JTM92W*17	5151.	17JTM92N*17	3903.
50	60	—	—	—	4½	100–210	250	200A/250V	17KTS92B*16	6624.	17KTS92E*16	11092.	17KTS92W*16	11676.	17KTS92N*16	8400.
50	75	—	—	—	4½	100–210	250	400A/250V	17KTS92B*18	6624.	17KTS92E*18	11092.	17KTS92W*18	11676.	17KTS92N*19	8400.
—	—	125	125	—	4½	100–210	250	200A/600V	17KTS92B*17	6624.	17KTS92E*17	11092.	17KTS92W*17	11676.	17KTS92N*17	8400.
—	—	150	150	—	4½	100–210	250	400A/600V	17KTS92B*19	6624.	17KTS92E*19	11092.	17KTS92W*19	11676.	17KTS92N*19	8400.
75	100	—	—	5	—	100–270	400	400A/250V	17LTU92B*18	7044.	17LTU92E*18	11492.	17LTU92W*18	12096.	17LTU92N*18	8820.
—	—	200	200	5	—	100–270	400	400A/600V	17LTU92B*19	7044.	17LTU92E*19	11492.	17LTU92W*19	12096.	17LTU92N*19	8820.
150	200	—	—	6	—	200–540	600	600A/250V	17MTX92B*20	20682.	17MTX92E*20	23682.	—	—	17MTX92N*20	22302.
—	—	400	400	6	—	200–540	600	600A/600V	17MTX92B*21	20682.	17MTX92E*21	23682.	—	—	17MTX92N*21	22302.
—	—	400	400	6	—	200–540	800	800A/600V	17MTX92B*23	20682.	17MTX92E*23	23682.	—	—	17MTX92N*23	22302.
—	—	600	600	7	—	420–820	1200	1200A/600V	17NTY92B*23	27468.	17NTY92E*23	30468.	—	—	17NTY92N*23	29088.
—	—	900	900	8	—	420–1220	1600	1600A/600V	17PTZ92B*25	41019.	17PTZ92E*25	44019.	—	—	17PTZ92N*25	42639.

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

①Dual voltage coils NA in stocked or modified starters, or in sizes 4½–8.
②Not available with self-reset option.
③For NEMA 4X fiberglass enclosure change 8th character of catalog number to **F**. Example: 17CSD92F*. Price same as stainless steel. Available in standard width through size 4.
④NEMA 12 may be field modified for NEMA 3/3R, see page 461.

Combination Heavy Duty Starters

Fusible with Ambient Compensated Bimetal Overload, Class 17

Ordering Instructions

- Replace the (*) with a letter from the coil table. Dual voltage coils are wired on high voltage unless specified on order. Fuse clips are rejection type.
- Heater elements see page 544.
- Technical Data see pages 467–471.
- Field Modification Kits see pages 457–461.
- Factory Modifications see pages 462–466.
- Dimensions see pages 475–477.
- Wiring Diagrams see page 488.
- Replacement Parts see page 547.

Coil Table

60Hz Voltage	Letter
24 Separate Control	J
120 Separate Control	F
110–120/220–240①	A
200–208	D
220–240	G
277	L
220–240/440–480①	C
440–480	H
575–600	E

For other voltages and frequencies see Factory Modifications page 465.

Standard Width Enclosure②, 3 Phase, 3 Pole

Max Hp 200 Volts	Max Hp 230 Volts	Max Hp 460 Volts	Max Hp 575 Volts	NEMA Size	Half Size	Fuse Clip Size Amps/ Volts	Enclosure: NEMA 1 General Purpose Catalog No	NEMA 1 Price $	NEMA 4 Painted, Watertight, Dusttight Catalog No	NEMA 4 Price $	NEMA 4/4X③ Watertight, Dusttight Corrosion Resistant 304 Stainless Steel Catalog No	NEMA 4/4X Price $	NEMA 12 NEMA 3/3R④ Industrial Use Weatherproof Catalog No	NEMA 12 Price $
3	3	—	—	0	—	30A/250V	**17CP92B*1081**	**564.**	**17CP92E*1081**	**1083.**	**17CP92W*1081**	**1140.**	**17CP92N*1081**	**708.**
—	—	5	5	0	—	30A/600V	**17CP92B*1181**	**576.**	**17CP92E*1181**	**1095.**	**17CP92W*1181**	**1152.**	**17CP92N*1181**	**720.**
5	5	—	—	1	—	30A/250V	**17DP92B*1081**	**594.**	**17DP92E*1081**	**1112.**	**17DP92W*1081**	**1170.**	**17DP92N*1081**	**738.**
—	—	10	10	1	—	30A/600V	**17DP92B*1181**	**606.**	**17DP92E*1181**	**1124.**	**17DP92W*1181**	**1182.**	**17DP92N*1181**	**750.**
7½	7½	—	—	1	—	60A/250V	**17DP92B*1281**	**606.**	**17DP92E*1281**	**1124.**	**17DP92W*1281**	**1182.**	**17DP92N*1281**	**750.**
10	10	—	—	—	1¾	60A/250V	**17EP92B*1281**	**696.**	**17EP92E*1281**	**1209.**	**17EP92W*1281**	**1272.**	**17EP92N*1281**	**840.**
—	—	15	15	—	1¾	60A/600V	**17EP92B*1381**	**708.**	**17EP92E*1381**	**1221.**	**17EP92W*1381**	**1284.**	**17EP92N*1381**	**852.**
10	15	—	—	2	—	60A/250V	**17FP92B*1281**	**942.**	**17FP92E*1281**	**1740.**	**17FP92W*1281**	**1830.**	**17FP92N*1281**	**1146.**
—	—	25	25	2	—	60A/600V	**17FP92B*1381**	**954.**	**17FP92E*1381**	**1752.**	**17FP92W*1381**	**1842.**	**17FP92N*1381**	**1158.**
15	20	—	—	—	2½	100A/250V	**17GP92B*1481**	**1338.**	**17GP92E*1481**	**2746.**	**17GP92W*1481**	**2886.**	**17GP92N*1481**	**1602.**
—	—	30	30	—	2½	100A/600V	**17GP92B*1581**	**1338.**	**17GP92E*1581**	**2746.**	**17GP92W*1581**	**2886.**	**17GP92N*1581**	**1602.**
—	—	50	50	3	—	ESP100 Solid State Overload Standard, see page 417 for selection.								
25	30	—	—	3	—									
30	40	—	—	—	3½									
—	—	75	75	—	3½									
40	50	—	—	4	—									
—	—	100	100	4	—									
50	75	—	—	—	4½									
—	—	150	150	—	4½									
75	100	—	—	5	—									
—	—	200	200	5	—									
150	200	—	—	6	—									
—	—	400	400	6	—									
—	300	600	600	7	—									
—	450	900	900	8	—									

①Dual voltage coils NA in stocked or modified starters.
②For horizontal compact enclosure option on sizes 0–2, change 5th character from "9" to "7". Price same as standard width. See page 477 for dimensions.
③For NEMA 4X fiberglass enclosure, change 7th character of catalog number to **F**. Example: 17CP92**F***1181. Price same as stainless steel.
④NEMA 12 may be field modified for NEMA 3/3R, see page 461.

Fusible with Ambient Compensated Bimetal Overload, Class 17

Ordering Instructions

- Replace the (*) with a letter from the coil table. Dual voltage coils are wired on high voltage unless specified on order. Fuse clips are rejection type.
- Heater elements see page 544.
- Technical Data see pages 467–471.
- Field Modification Kits see pages 457–461.
- Factory Modifications see pages 462–466.
- Dimensions see pages 475–477.
- Wiring Diagrams see page 488.
- Replacement Parts see page 547.

Coil Table

60Hz Voltage	Letter
24 Separate Control	J
120 Separate Control	F
110–120/220–240①	A
200–208	D
220–240	G
277	L
220–240/440–480①	C
440–480	H
575–600	E

For other voltages and frequencies see Factory Modifications page 465.

Extra Wide Enclosure②, 3 Phase, 3 Pole

Max Hp							Enclosure					
							NEMA 1 General Purpose		NEMA 4/4X Watertight, Dusttight, Corrosion Resistant 304 Stainless Steel		NEMA 12 NEMA 3/3R② Industrial Use WeatherProof	
200 Volts	230 Volts	460 Volts	575 Volts	NEMA Size	Half Size	Fuse Clip Size Amps/ Volts	Catalog No	Price $	Catalog No	Price $	Catalog No	Price $
3	3	—	—	0	—	30A/250V	**17CP82B*1081**	**714.**	**17CP82W*1081**	**1590.**	**17CP82N*1081**	**978.**
—	—	5	5	0	—	30A/600V	**17CP82B*1181**	**726.**	**17CP82W*1181**	**1602.**	**17CP82N*1181**	**990.**
5	5	—	—	1	—	30A/250V	**17DP82B*1081**	**744.**	**17DP82W*1081**	**1620.**	**17DP82N*1081**	**1008.**
—	—	10	10	1	—	30A/600V	**17DP82B*1181**	**756.**	**17DP82W*1181**	**1632.**	**17DP82N*1181**	**1020.**
7½	7½	—	—	1	—	60A/250V	**17DP82B*1281**	**756.**	**17DP82W*1281**	**1632.**	**17DP82N*1281**	**1020.**
10	10	—	—	—	1¾	60A/250V	**17EP82B*1281**	**846.**	**17EP82W*1281**	**1722.**	**17EP82N*1281**	**1110.**
—	—	15	15	—	1¾	60A/600V	**17EP82B*1381**	**858.**	**17EP82W*1381**	**1734.**	**17EP82N*1381**	**1122.**
10	15	—	—	2	—	60A/250V	**17FP82B*1281**	**1092.**	**17FP82W*1281**	**2280.**	**17FP82N*1281**	**1416.**
—	—	25	25	2	—	60A/600V	**17FP82B*1381**	**1104.**	**17FP82W*1381**	**2292.**	**17FP82N*1381**	**1428.**
15	20	—	—	—	2½	100A/250V	**17GP82B*1481**	**1638.**	**17GP82W*1481**	**3786.**	**17GP82N*1481**	**2142.**
—	—	30	30	—	2½	100A/600V	**17GP82B*1581**	**1638**	**17GP82W*1581**	**3786.**	**17GP82N*1581**	**2142.**
25	30	—	—	3	—	100A/250V	**17HP82B*1481**	**1914.**	**17HP82W*1481**	**4062.**	**17HP82N*1481**	**2418.**
—	—	50	50	3	—	100A/600V	**17HP82B*1581**	**1914.**	**17HP82W*1581**	**4062.**	**17HP82N*1581**	**2418.**
25	30	—	—	3	—	200A/250V	**17HP82B*1681**	**2034.**	**17HP82W*1681**	**4182.**	**17HP82N*1681**	**2538.**

①Dual voltage coils NA in stocked or modified starters.

②NEMA 12 may be field modified for NEMA 3/3R, see page 461.

Combination Heavy Duty Starters

Circuit Breaker with Solid State Overload, Class 18

Ordering Instructions

- Replace the (*) with a letter from the coil table. Dual voltage coils are wired on high voltage unless specified on order.
- For Class 10 or 30 Overload Protection add suffix "51" or "53" to catalog number. Example for Class 10: 18CSD92B***51**. No price addition.
- 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 467–471.
- Field Modification Kits see pages 457–461.
- Factory Modifications see pages 462–466.
- Dimensions see pages 475–476.
- Wiring Diagrams see page 488.
- Replacement Parts see page 547.

Coil Table

60Hz Voltage	Letter
24 Separate Control	J
120 Separate Control	F
110–120/220–240①	A
200–208	D
220–240	G
277	L
220–240/440–480①②	C
440–480②	H
575–600②	E

For other voltages and frequencies see Factory Modifications page 465.

Standard Width Enclosure, 3 Phase, 3 Pole

Max Hp								Enclosure									
								NEMA 1 General Purpose		NEMA 4 Painted, Wateright, Dusttight		NEMA 4/4X③ Watertight, Dusttight Corrosion Resistant 304 Stainless Steel		NEMA 7 & 9 NEMA 3, 4 Class I, Groups C & D; Class II Groups E,F & G Bolted Enclosures Indoor/Outdoor Use		NEMA 12 NEMA 3/3R④ 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 $	Catalog No	Price $	Catalog No	Price $
½	½	1	1	0	—	0.75–3⑤	3	18CSB92B*	789.	18CSB92E*	1298.	18CSB92W*	1365.	18CSB92H*	1644.	18CSB92N*	933.
1	1	3	3	0	—	2.5–10	10	18CSC92B*	789.	18CSC92E*	1298.	18CSC92W*	1365.	18CSC92H*	1644.	18CSC92N*	933.
2	2	5	5	0	—	2.5–10	10	18CSD92B*	789.	18CSD92E*	1298.	18CSD92W*	1365.	18CSD92H*	1644.	18CSD92N*	933.
3	3	—	—	0	—	9–18	25	18CSE92B*	789.	18CSE92E*	1298.	18CSE92W*	1365.	18CSE92H*	1644.	18CSE92N*	933.
½	½	1	1	1	—	0.75–3⑤	3	18DSB92B*	819.	18DSB92E*	1326.	18DSB92W*	1395.	18DSB92H*	1683.	18DSB92N*	963.
1	1	3	3	1	—	2.5–10	10	18DSC92B*	819.	18DSC92E*	1326.	18DSC92W*	1395.	18DSC92H*	1683.	18DSC92N*	963.
2	2	5	5	1	—	2.5–10	10	18DSD92B*	819.	18DSD92E*	1326.	18DSD92W*	1395.	18DSD92H*	1683.	18DSD92N*	963.
3	3	7½	10	1	—	9–18	25	18DSE92B*	819.	18DSE92E*	1326.	18DSE92W*	1395.	18DSE92H*	1683.	18DSE92N*	963.
7½	7½	10	—	1	—	13–27	30	18DSF92B*	819.	18DSF92E*	1326.	18DSF92W*	1395.	18DSF92H*	1683.	18DSF92N*	963.
—	—	15	15	—	1¾	13–27	30	18ESF92B*	909.	18ESF92E*	1412.	18ESF92W*	1485.	18ESF92H*	2136.	18ESF92N*	1053.
10	10	—	—	—	1¾	20–40	50	18ESG92B*	909.	18ESG92E*	1412.	18ESG92W*	1485.	18ESG92H*	2136.	18ESG92N*	1053.
—	—	15	20	2	—	13–27	30	18FSF92B*	1149.	18FSF92E*	1936.	18FSF92W*	2037.	18FSF92H*	2238.	18FSF92N*	1353.
10	15	25	25	2	—	22–45	50	18FSH92B*	1149.	18FSH92E*	1936.	18FSH92W*	2037.	18FSH92H*	2238.	18FSH92N*	1353.
—	—	30	30	—	2½	22–45	50	18GSH92B*	1527.	18GSH92E*	2922.	18GSH92W*	3075.	18GSH92H*	2960.	18GSH92N*	1791.
15	20	—	—	—	2½	30–60	100	18GSJ92B*	1527.	18GSJ92E*	2922.	18GSJ92W*	3075.	18GSJ92H*	2960.	18GSJ92N*	1791.
—	—	30	40	3	—	30–60	50	18HSJ92B*	1659.	18HSJ92E*	3048.	18HSJ92W*	3207.	18HSJ92H*	3681.	18HSJ92N*	1923.
25	30	50	50	3	—	45–90	100	18HSK92B*	1659.	18HSK92E*	3048.	18HSK92W*	3207.	18HSK92H*	3681.	18HSK92N*	1923.
30	40	75	75	—	3½	57–115	125	18ISL92B*	3369.	18ISL92E*	5082.	18ISL92W*	5349.	18ISL92H*	4701.	18ISL92N*	4101.
40	50	100	100	4	—	67–135	150	18JTM92B*	3609.	18JTM92E*	5310.	18JTM92W*	5589.	18JTM92H*	5721.	18JTM92N*	4341.
50	75	150	150	—	4½	100–210	250	18KTS92B*	7914.	18KTS92E*	12318.	18KTS92W*	12966.	18KTS92H*	11982.	18KTS92N*	9234.
60	75	150	200	5	—	100–270	250	18LTT92B*	8334.	18LTT92E*	12317.	18LTT92W*	13386.	18LTT92H*	12402.	18LTT92N*	9654.
75	100	200	—	5	—	100–270	400H	18LTU92B*	8334.	18LTU92E*	12317.	18LTU92W*	13386.	18LTU92H*	12402.	18LTU92N*	9654.
100	125	250	300	6	—	200–540	600L	18MTW92B*	17655.	18MTW92E*	20655.	—	—	—	—	18MTW92N	19275.
150	200	400	400	6	—	200–540	800L	18MTX92B*	18066.	18MTX92E*	21066.	—	—	—	—	18MTX92N*	19686.
—	250	500	500	7	—	420–820	800A	18NTV92B*	24390.	18NTV92E*	27390.	—	—	—	—	18NTV92N*	26010.
—	300	600	600	7	—	420–820	1000	18NTY92B*	24390.	18NTY92E*	27390.	—	—	—	—	18NTY92N*	26010.
—	400	800	800	8	—	420–1220	1200	18PTZ92B*	36282.	18PTZ92E*	39282.	—	—	—	—	18PTZ92N*	37902.
—	450	900	900	8	—	420–1220	1600	18PT192B*	36282.	18PT192E*	39282.	—	—	—	—	18PT192N*	37902.

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

①Dual Voltage coils NA in stocked or modified starters, or in sizes 4½–8.

②Not available with self-reset option.

③For NEMA 4X fiberglass enclosure change 8th character of catalog number to **F**. Example: 18CSB92**F***. Price same as stainless steel. Available in standard width through size 4.

④NEMA 12 may be field modified for NEMA 3/3R, see page 461.

⑤For amp range 0.25–1.0 Amps change the 5th Character in the Catalog No from "B" to "A".

Circuit Breaker with Solid State Overload, Class 18

Ordering Instructions

- Replace the (*) with a letter from the coil table. Dual voltage coils are wired on high voltage unless specified on order.
- For Class 10 or 30 Overload Protection add suffix "51" or "53" to catalog number. Example for Class 10: 18CSD92B***51**. No price addition.
- 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 467–471.
- Field Modification Kits see pages 457–461.
- Factory Modifications see pages 462–466.
- Dimensions see pages 475–476.
- Wiring Diagrams see page 488.
- Replacement Parts see page 547.

Coil Table

60Hz Voltage	Letter
24 Separate Control	J
120 Separate Control	F
110–120/220–240①	A
200–208	D
220–240	G
277	L
220–240/440–480①②	C
440–480②	H
575–600②	E

For other voltages and frequencies see Factory Modifications page 465.

Extra Wide Enclosure, 3 Phase, 3 Pole

Max Hp								Enclosure					
								NEMA 1 General Purpose		NEMA 4/4X 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	Overload Amp Range	Motor Circuit Interrupter ETI Amps	Catalog No	Price $	Catalog No	Price $	Catalog No	Price $
½	½	1	1	0	—	0.75–3④	3	18CSB82B*	939.	18CSB82W*	1815.	18CSB82N*	1203.
1	1	3	3	0	—	2.5–10	10	18CSC82B*	939.	18CSC82W*	1815.	18CSC82N*	1203.
2	2	5	5	0	—	2.5–10	10	18CSD82B*	939.	18CSD82W*	1815.	18CSD82N*	1203.
3	3	—	—	0	—	9–18	25	18CSE82B*	939.	18CSE82W*	1815.	18CSE82N*	1203.
½	½	1	1	1	—	0.75–3④	3	18DSB82B*	969.	18DSB82W*	1845.	18DSB82N*	1233.
1	1	3	3	1	—	2.5–10	10	18DSC82B*	969.	18DSC82W*	1845.	18DSC82N*	1233.
2	2	5	5	1	—	2.5–10	10	18DSD82B*	969.	18DSD82W*	1845.	18DSD82N*	1233.
3	3	7½	10	1	—	9–18	25	18DSE82B*	969.	18DSE82W*	1845.	18DSE82N*	1233.
7½	7½	10	—	1	—	13–27	30	18DSF82B*	969.	18DSF82W*	1845.	18DSF82N*	1233.
—	—	15	15	—	1¾	13–27	30	18ESF82B*	1059.	18ESF82W*	1935.	18ESF82N*	1323.
10	10	—	—	—	1¾	20–40	50	18ESG82B*	1059.	18ESG82W*	1935.	18ESG82N*	1323.
—	—	15	20	2	—	13–27	30	18FSF82B*	1299.	18FSF82W*	2487.	18FSF82N*	1623.
10	15	25	25	2	—	22–45	50	18FSH82B*	1299.	18FSH82W*	2487.	18FSH82N*	1623.
—	—	30	30	—	2½	22–45	50	18GSH82B*	1827.	18GSH82W*	3975.	18GSH82N*	2331.
15	20	—	—	—	2½	30–60	100	18GSJ82B*	1827.	18GSJ82W*	3975.	18GSJ82N*	2331.
—	—	30	40	3	—	30–60	50	18HSJ82B*	1959.	18HSJ82W*	4107.	18HSJ82N*	2463.
25	30	50	50	3	—	45–90	100	18HSK82B*	1959.	18HSK82W*	4107.	18HSK82N*	2463.

Horizontal Compact Enclosure, 3 Phase, 3 Pole

Max Hp								Enclosure					
								NEMA 1 General Purpose		NEMA 4/4X 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	Overload Amp Rating	Motor Circuit Interrupter ETI Amps	Catalog No	Price $	Catalog No	Price $	Catalog No	Price $
½	½	1	1	0	—	0.75–3④	3	18CSB72B*	789.	18CSB72W*	1365.	18CSB72N*	933.
1	1	3	3	0	—	2.5–10	10	18CSC72B*	789.	18CSC72W*	1365.	18CSC72N*	933.
2	2	5	5	0	—	2.5–10	10	18CSD72B*	789.	18CSD72W*	1365.	18CSD72N*	933.
3	3	—	—	0	—	9–18	25	18CSE72B*	789.	18CSE72W*	1365.	18CSE72N*	933.
½	½	1	1	1	—	0.75–3④	3	18DSB72B*	819.	18DSB72W*	1395.	18DSB72N*	963.
1	1	3	3	1	—	2.5–10	10	18DSC72B*	819.	18DSC72W*	1395.	18DSC72N*	963.
2	2	5	5	1	—	2.5–10	10	18DSD72B*	819.	18DSD72W*	1395.	18DSD72N*	963.
3	3	7½	10	1	—	9–18	25	18DSE72B*	819.	18DSE72W*	1395.	18DSE72N*	963.
7½	7½	10	—	1	—	13–27	30	18DSF72B*	819.	18DSF72W*	1395.	18DSF72N*	963.
—	—	15	15	—	1¾	13–27	30	18ESF72B*	909.	18ESF72W*	1485.	18ESF72N*	1053.
10	10	—	—	—	1¾	20–40	50	18ESG72B*	909.	18ESG72W*	1485.	18ESG72N*	1053.
—	—	15	20	2	—	13–27	30	18FSF72B*	1149.	18FSF72W*	2037.	18FSF72N*	1353.
10	15	25	25	2	—	22–45	50	18FSH72B*	1149.	18FSH72W*	2037.	18FSH72N*	1353.

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

①Dual voltage coils NA in stocked or modified starters.
②Not available with self-reset option.

③NEMA 12 may be field modified for NEMA 3/3R, see page 461.
④For amp range 0.25-1.0 Amps change the 5th Character in the Catalog No from "B" to "A".

Combination Heavy Duty Starters

Circuit Breaker with Ambient Compensated Bimetal Overload, Class 18

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.
- Technical Data see page 467–471.
- Field Modification Kits see pages 457–461.
- Factory Modifications see pages 462–466.
- Dimensions see pages 475–476.
- Wiring Diagrams see page 488.
- Replacement Parts see page 547.

Coil Table

60Hz Voltage	Letter
24 Separate Control	J
120 Separate Control	F
110–120/220–240①	A
200–208	D
220–240	G
277	L
220–240/440–480①	C
440–480	H
575–600	E

For other voltages and frequencies see Factory Modifications page 465.

Standard Width Enclosure, 3 Phase, 3 Pole

Max Hp								Enclosure									
								NEMA 1 General Purpose		**NEMA 4 Painted** Watertight, Dusttight Corrosion Resistant 304 Stainless Steel		**NEMA 4/4X②** Watertight, Dusttight Corrosion Resistant 304 Stainless Steel		**NEMA 7 & 9 NEMA 3, 4** Class I Groups C & D; Class II Groups E,F & G Bolted Enclosures Indoor/Outdoor Use		**NEMA 12 NEMA 3/3R③** Industrial Use Weatherproof	
200 Volts	**230 Volts**	**460 Volts**	**575 Volts**	**Cont Amp Rating**	**NEMA Size**	**Half Size**	**Motor Circuit Interrupter ETI Amps**	**Catalog No**	**Price $**	**Catalog No**	**Price $**	**Catalog No**	**Price $**	**Catalog No**	**Price $**	**Catalog No**	**Price $**
½	½	1	1	18	0	—	3	**18CP92BA*81**	**762.**	**18CP92EA*81**	**1271.**	**18CP92WA*81**	**1338.**	**18CP92HA*81**	**1617.**	**18CP92NA*81**	**906.**
1	1	3	3	18	0	—	10	**18CP92BB*81**	**762.**	**18CP92EB*81**	**1271.**	**18CP92WB*81**	**1338.**	**18CP92HB*81**	**1617.**	**18CP92NB*81**	**906.**
3	3	5	5	18	0	—	25	**18CP92BC*81**	**762.**	**18CP92EC*81**	**1271.**	**18CP92WC*81**	**1338.**	**18CP92HC*81**	**1617.**	**18CP92NC*81**	**906.**
½	½	1	1	27	1	—	3	**18DP92BA*81**	**792.**	**18DP92EA*81**	**1299.**	**18DP92WA*81**	**1368.**	**18DP92HA*81**	**1656.**	**18DP92NA*81**	**936.**
1	1	3	3	27	1	—	10	**18DP92BB*81**	**792.**	**18DP92EB*81**	**1299.**	**18DP92WB*81**	**1368.**	**18DP92HB*81**	**1656.**	**18DP92NB*81**	**936.**
3	3	7½	7½	27	1	—	25	**18DP92BD*81**	**792.**	**18DP92ED*81**	**1299.**	**18DP92WD*81**	**1368.**	**18DP92HD*81**	**1656.**	**18DP92ND*81**	**936.**
7½	7½	10	10	27	1	—	30	**18DP92BE*81**	**792.**	**18DP92EE*81**	**1299.**	**18DP92WE*81**	**1368.**	**18DP92HE*81**	**1656.**	**18DP92NE*81**	**936.**
—	—	15	15	40	—	1¾	30	**18EP92BF*81**	**882.**	**18EP92EF*81**	**1385.**	**18EP92WF*81**	**1458.**	**18EP92HF*81**	**2109.**	**18EP92NF*81**	**1026.**
10	10	—	—	40	—	1¾	50	**18EP92BG*81**	**882.**	**18EP92EG*81**	**1385.**	**18EP92WG*81**	**1458.**	**18EP92HG*81**	**2109.**	**18EP92NG*81**	**1026.**
7½	10	20	20	45	2	—	40	**18FP92BH*81**	**1122.**	**18FP92EH*81**	**1909.**	**18FP92WH*81**	**2010.**	**18FP92HH*81**	**2211.**	**18FP92NH*81**	**1326.**
10	15	25	25	45	2	—	50	**18FP92BJ*81**	**1122.**	**18FP92EJ*81**	**1909.**	**18FP92WJ*81**	**2010.**	**18FP92HJ*81**	**2211.**	**18FP92NJ*81**	**1326.**
—	—	30	30	60	—	2½	50	**18GP92BK*81**	**1500.**	**18GP92EK*81**	**2895.**	**18GP92WK*81**	**3048.**	**18GP92HK*81**	**2933.**	**18GP92NK*81**	**1764.**
15	20	—	—	60	—	2½	100	**18GP92BL*81**	**1500.**	**18GP92EL*81**	**2895.**	**18GP92WL*81**	**3048.**	**18GP92HL*81**	**2933.**	**18GP92NL*81**	**1764.**
—	—	30	30	60	3	—	ESP100 Solid State Overload Standard, see page 420 for Selection										
25	30	50	50	90	3	—											
30	40	75	75	115	—	3½											
40	50	100	100	135	4	—											
50	75	150	150	210	—	4½											
50	75	150	200	270	5	—											
75	100	200	—	270	5	—											
100	125	250	300	540	6	—											
150	200	400	400	540	6	—											
—	300	600	600	810	7	—											
—	450	900	900	1215	8	—											

①Dual voltage coils NA in stocked or modified starters.

②For NEMA 4X fiberglass enclosure, change 7th character of catalog number to **F**.
Example: **18CP92F*81**.
Price same as stainless steel.

③NEMA 12 may be field modified for NEMA 3/3R, see page 461.

Circuit Breaker with Ambient Compensated Bimetal Overload, Class 18

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.
- Technical Data see pages 467–471.
- Field Modification Kits see pages 457–461.
- Factory Modifications see pages 462–466.
- Dimensions see pages 475–476.
- Wiring Diagrams see page 488.
- Replacement Parts see page 547.

Coil Table

60Hz Voltage	Letter
24 Separate Control	J
120 Separate Control	F
110–120/220–240①	A
200–208	D
220–240	G
277	L
220–240/440–480①	C
440–480	H
575–600	E

For other voltages and frequencies see Factory Modifications page 465.

Extra Wide Enclosure, 3 Phase, 3 Pole

Max Hp 200 Volts	230 Volts	460 Volts	575 Volts	NEMA Size	Half Size	Cont Amp Rating	Motor Circuit Interrupter ETI Amps	Enclosure: NEMA 1 General Purpose Catalog No	Price $	NEMA 4/4X Watertight, Dusttight Corrosion Resistant 304 Stainless Steel Catalog No	Price $	NEMA 12 NEMA 3/3R② Industrial Use Weatherproof Catalog No	Price $
½	½	1	1	0	—	18	3	18CP82BA*81	912.	18CP82WA*81	1788.	18CP82NA*81	1176.
1	1	3	3	0	—	18	10	18CP82BB*81	912.	18CP82WB*81	1788.	18CP82NB*81	1176.
3	3	5	5	0	—	18	25	18CP82BC*81	912.	18CP82WC*81	1788.	18CP82NC*81	1176.
½	½	1	1	1	—	27	3	18DP82BA*81	942.	18DP82WA*81	1818.	18DP82NA*81	1206.
1	1	3	3	1	—	27	10	18DP82BB*81	942.	18DP82WB*81	1818.	18DP82NB*81	1206.
3	3	7½	7½	1	—	27	25	18DP82BD*81	942.	18DP82WD*81	1818.	18DP82ND*81	1206.
7½	7½	10	10	1	—	27	30	18DP82BE*81	942.	18DP82WE*81	1818.	18DP82NE*81	1206.
—	—	15	15	—	1¾	40	30	18EP82BF*81	1032.	18EP82WF*81	1908.	18EP82NF*81	1296.
10	10	—	—	—	1¾	40	50	18EP82BG*81	1032.	18EP82WG*81	1908.	18EP82NG*81	1296.
7½	10	20	20	2	—	45	40	18FP82BH*81	1272.	18FP82WH*81	2460	18FP82NH*81	1596.
10	15	25	25	2	—	45	50	18FP82BJ*81	1272.	18FP82WJ*81	2460.	18FP82NJ*81	1596.
—	—	30	30	—	2½	60	50	18GP82BK*81	1800.	18GP82WK*81	3948.	18GP82NK*81	2304.
15	20	—	—	—	2½	60	100	18GP82BL*81	1800.	18GP82WL*81	3948.	18GP82NL*81	2304.
—	—	30	30	3	—	90	50	ESP100 Solid State Overload Standard, see page 421 for Selection					
25	30	50	50	3	—	90	100						

Horizontal Compact Enclosure, 3 Phase, 3 Pole

Max Hp 200 Volts	230 Volts	460 Volts	575 Volts	NEMA Size	Half Size	Cont Amp Rating	Motor Circuit Interrupter ETI Amps	Enclosure: NEMA 1 General Purpose Catalog No	Price $	NEMA 4/4X Watertight, Dusttight Corrosion Resistant 304 Stainless Steel Catalog No	Price $	NEMA 12 NEMA 3/3R② Industrial Use Weatherproof Catalog No	Price $
½	½	1	1	0	—	18	3	18CP72BA*81	762.	18CP72WA*81	1338.	18CP72NA*81	906.
1	1	3	3	0	—	18	10	18CP72BB*81	762.	18CP72WB*81	1338.	18CP72NB*81	906.
3	3	5	5	0	—	18	25	18CP72BC*81	762.	18CP72WC*81	1338.	18CP72NC*81	906.
½	½	1	1	1	—	27	3	18DP72BA*81	792.	18DP72WA*81	1368.	18DP72NA*81	936.
1	1	3	3	1	—	27	10	18DP72BB*81	792.	18DP72WB*81	1368.	18DP72NB*81	936.
3	3	7½	7½	1	—	27	25	18DP72BD*81	792.	18DP72WD*81	1368.	18DP72ND*81	936.
7½	7½	10	10	1	—	27	30	18DP72BE*81	792.	18DP72WE*81	1368.	18DP72NE*81	936.
—	—	15	15	—	1¾	40	30	18EP72BF*81	882.	18EP72WF*81	1458.	18EP72NF*81	1026.
10	10	—	—	—	1¾	40	50	18EP72BG*81	882.	18EP72WG*81	1458.	18EP72NG*81	1026.
7½	10	20	20	2	—	45	40	18FP72BH*81	1122.	18FP72WH*81	2010.	18FP72NH*81	1326.
10	15	25	25	2	—	45	50	18FP72BJ*81	1122.	18FP72WJ*81	2010.	18FP72NJ*81	1326.

①Dual voltage coils NA in stocked or modified starters.

②NEMA 12 may be field modified for NEMA 3/3R, see page 461.