

# Heavy Duty Motor Starters

## Solid State Overload with Auto/Manual Reset, Class 14

### Selection



#### Ordering Information

- ▶ Replace the (\*) with a letter from the coil table. Dual voltage coils are wired on high voltage unless specified on order.
- ▶ Field Modification Kits see page 9/85.
- ▶ Factory Modifications see page 9/97.
- ▶ Dimensions see pages 9/111 open and 9/123 enclosed.
- ▶ Wiring Diagrams see page 9/138.
- ▶ Replacement Parts see page 9/103.

#### Coil Table

60Hz Voltage	Letter
24	J
120	F
110–120/220–240 <sup>Ⓓ</sup>	A
200–208	D
220–240	G
277	L
220–240/440–480 <sup>Ⓓ</sup>	C
440–480	H
575–600	E

For other voltages and frequencies, see Factory Modifications page 9/97.

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

Max Hp				NEMA Size	Half Size	Overload		Enclosure		NEMA 1 General Purpose	NEMA 4/4X Stainless Watertight, Dust-tight, Corrosion Resistant Ⓔ = W for 304 Stainless Steel Ⓕ = X for 316 Stainless Steel	NEMA 4X Fiberglass Watertight, Dust-tight Corrosion Resistant	NEMA 3/3R/4/12 Watertight, Dust-tight, Weatherproof		
200 Volts	230 Volts	460 Volts	575 Volts			Amp Range	Frame Size	Open Type Standard Auxiliary Contacts <sup>Ⓙ</sup>	Frame Size						
200 Volts	230 Volts	460 Volts	575 Volts	NEMA Size	Half Size	Amp Range	Frame Size	Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$
¼	¼	¼	¼	00	—	0.25–1	A	14BUA32A*		14BUA32B*		Use Size 0	—	Use Size 0	—
¼	¼	1½	2	00	—	0.75–3.4	A	14BUB32A*		14BUB32B*		Use Size 0	—	Use Size 0	—
1½	1½	2	—	00	—	3–12	A1	14BUC32A*		14BUC32B*		Use Size 0	—	Use Size 0	—
¼	¼	¼	¼	0	—	0.25–1	A	14CUA32A*		14CUA32B*		14CUA32F*		14CUA320*	
¼	¼	1½	2	0	—	0.75–3.4	A	14CUB32A*		14CUB32B*		14CUB32F*		14CUB320*	
2	2	5	5	0	—	3–12	A1	14CUC32A*		14CUC32B*		14CUC32F*		14CUC320*	
3	3	—	—	0	—	5.5–22	A1	14CUD32A*		14CUD32B*		14CUD32F*		14CUD320*	
¼	¼	¼	¼	1	—	0.25–1	A	14DUA32A*		14DUA32B*		14DUA32F*		14DUA320*	
¼	¼	1½	2	1	—	0.75–3.4	A	14DUB32A*		14DUB32B*		14DUB32F*		14DUB320*	
2	2	5	5	1	—	3–12	A1	14DUC32A*		14DUC32B*		14DUC32F*		14DUC320*	
3	3	10	10	1	—	5.5–22	A1	14DUD32A*		14DUD32B*		14DUD32F*		14DUD320*	
7½	7½	—	—	1	—	10–40	A1	14DUE32A*		14DUE32B*		14DUE32F*		14DUE320*	
10	10	15	15	—	1½	10–40	A1	14EUE32A*		14EUE32B*		14EUE32F*		14EUE320*	
10	15	25	25	2	—	13–52	B	14FUF32A*		14FUF32B*		14FUF32F*		14FUF320*	
15	20	30	30	—	2½	25–100	B	14GUG32A*		14GUG32B*		14GUG32F*		14GUG320*	
25	30	50	50	3	—	25–100	B	14HUG32A*		14HUG32B*		14HUG32F*		14HUG320*	
30	40	75	75	—	3½	50–200	B	14IUH32A*		14IUH32B*		14IUH32F*		14IUH320*	
40	50	100	100	4	—	50–200	B	14JUH32A*		14JUH32B*		14JUH32F*		14JUH320*	
75	100	200	200	5	—	55–250	—	14LPU32A*		14LPU32B*		—	—	14LPU320*	
150	200	400	400	6	—	160–630	—	14MPX32A*		14MPX32B*		—	—	14MPX320*	
—	300	600	600	7* <sup>Ⓢ</sup>	—	400–1220	A1+CT	14NUN32A*		14NUN32B*		—	—	14NUN320*	
—	450	900	900	8 <sup>Ⓢ</sup>	—	400–1220	A1+CT	14PUN32A*		14PUN32B*		—	—	14PUN320*	

### Open Type & Standard Width Enclosure, Single Phase, 2-Pole<sup>Ⓔ</sup>

Max Hp		NEMA Size	Overload		Enclosure		NEMA 1 General Purpose	NEMA 4/4X Stainless Watertight, Dust-tight, Corrosion Resistant Ⓔ = W for 304 Stainless Steel Ⓕ = X for 316 Stainless Steel	NEMA 4X Fiberglass Watertight, Dust-tight Corrosion Resistant	NEMA 3/3R/4/12 Watertight, Dust-tight, Weatherproof				
115 Volts	208/230 Volts		Amp Range	Frame Size	Open Type Standard Auxiliary Contacts	Frame Size								
115 Volts	208/230 Volts	NEMA Size	Amp Range	Frame Size	Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$				
¼	¼	0	0.75–3.4	A	14CUB12A*		14CUB12B*		14CUB12@*		14CUB12F*		14CUB120*	
¼	¼	0	3–12	A1	14CUC12A*		14CUC12B*		14CUC12@*		14CUC12F*		14CUC120*	
1	1	0	5.5–22	A1	14CUD12A*		14CUD12B*		14CUD12@*		14CUD12F*		14CUD120*	
¼	¼	1	0.75–3.4	A	14DUB12A*		14DUB12B*		14DUB12@*		14DUB12F*		14DUB120*	
¼	¼	1	3–12	A1	14DUC12A*		14DUC12B*		14DUC12@*		14DUC12F*		14DUC120*	
1	1	1	5.5–22	A1	14DUD12A*		14DUD12B*		14DUD12@*		14DUD12F*		14DUD120*	
3	7½	2	25–100	B	14FUG12A*		14FUG12B*		14FUG12@*		14FUG12F*		14FUG120*	
7½	15	3	25–100	B	14HUG12A*		14HUG12B*		14HUG12@*		14HUG12F*		14HUG120*	

**Note:** All starter sizes carry one maximum Hp rating (per the National Electric Code).

Ⓓ Dual voltage coils not available in size 5–8 starters.

Ⓔ Coils D, F, or G will be wired for incoming voltage. J coil will be wired for separate source. Coils E, H, and L do not apply to single phase starters.

Ⓕ F coil 100–250V AC 50/60Hz, or DC, H coil 150–500V AC 50/60Hz, or DC

Ⓖ Only available F coil 100–250V AC 50/60Hz, or DC

Ⓗ To receive a single phase starter in an extra wide enclosure order an enclosure kit from pg 9/94 and the open style starter from pg 9/11 as separate items.