


# Heavy Duty Motor Starters

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

### Selection

	<b>Ordering Information</b> <ul style="list-style-type: none"> <li>▶ Replace the (*) with a letter from the coil table. Dual voltage coils are wired on high voltage unless specified on order.</li> <li>▶ Field Modification Kits see page 9/80.</li> <li>▶ Factory Modifications see page 9/92.</li> <li>▶ Dimensions see pages 9/106 open and 9/118 enclosed.</li> <li>▶ Wiring Diagrams see page 9/132.</li> <li>▶ Replacement Parts see page 9/98.</li> </ul>	<b>Coil Table</b> <table border="1"> <thead> <tr> <th>60Hz Voltage</th> <th>Letter</th> </tr> </thead> <tbody> <tr><td>24</td><td>J</td></tr> <tr><td>120</td><td>F</td></tr> <tr><td>110–120/220–240<sup>①</sup></td><td>A</td></tr> <tr><td>200–208</td><td>D</td></tr> <tr><td>220–240</td><td>G</td></tr> <tr><td>277</td><td>L</td></tr> <tr><td>220–240/440–480<sup>①</sup></td><td>C</td></tr> <tr><td>440–480</td><td>H</td></tr> <tr><td>575–600</td><td>E</td></tr> </tbody> </table> <p>For other voltages and frequencies, see Factory Modifications page 9/92.</p>	60Hz Voltage	Letter	24	J	120	F	110–120/220–240 <sup>①</sup>	A	200–208	D	220–240	G	277	L	220–240/440–480 <sup>①</sup>	C	440–480	H	575–600	E
	60Hz Voltage	Letter																				
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### Open Type & Standard Width Enclosure, 3-Phase, 3-Pole

Max Hp				NEMA Size	Half Size	Overload		Enclosure				
200 Volts	230 Volts	460 Volts	575 Volts			Amp Range	Frame Size	Open Type Standard Auxiliary Contacts <sup>②</sup>	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 3R/4/12 Watertight, Dust-tight, Weatherproof
200 Volts	230 Volts	460 Volts	575 Volts	NEMA Size	Half Size	Amp Range	Frame Size	Catalog Number	Catalog Number	Catalog Number	Catalog Number	Catalog Number
1/8	1/8	1/8	1/8	00	—	0.25–1	A	14BUA32A*	14BUB32B*	Use Size 0	Use Size 0	Use Size 0
1/8	1/8	1 1/2	2	00	—	0.75–3.4	A	14BUB32A*	14BUB32B*	Use Size 0	Use Size 0	Use Size 0
1 1/2	1 1/2	2	—	00	—	3–12	A1	14BUC32A*	14BUC32B*	Use Size 0	Use Size 0	Use Size 0
1/8	1/8	1/8	1/8	0	—	0.25–1	A	14CUA32A*	14CUA32B*	14CUA32@*	14CUA32F*	14CUA320*
1/8	1/8	1 1/2	2	0	—	0.75–3.4	A	14CUB32A*	14CUB32B*	14CUB32@*	14CUB32F*	14CUB320*
2	2	5	5	0	—	3–12	A1	14CUC32A*	14CUC32B*	14CUC32@*	14CUC32F*	14CUC320*
3	3	—	—	0	—	5.5–22	A1	14CUD32A*	14CUD32B*	14CUD32@*	14CUD32F*	14CUD320*
1/8	1/8	1/8	1/8	1	—	0.25–1	A	14DUA32A*	14DUA32B*	14DUA32@*	14DUA32F*	14DUA320*
1/8	1/8	1 1/2	2	1	—	0.75–3.4	A	14DUB32A*	14DUB32B*	14DUB32@*	14DUB32F*	14DUB320*
2	2	5	5	1	—	3–12	A1	14DUC32A*	14DUC32B*	14DUC32@*	14DUC32F*	14DUC320*
3	3	10	10	1	—	5.5–22	A1	14DUD32A*	14DUD32B*	14DUD32@*	14DUD32F*	14DUD320*
7 1/2	7 1/2	—	—	1	—	10–40	A1	14DUE32A*	14DUE32B*	14DUE32@*	14DUE32F*	14DUE320*
10	10	15	15	—	1 1/2	10–40	A1	14EUE32A*	14EUE32B*	14EUE32@*	14EUE32F*	14EUE320*
10	15	25	25	2	—	13–52	B	14FUF32A*	14FUF32B*	14FUF32@*	14FUF32F*	14FUF320*
15	20	30	30	—	2 1/2	25–100	B	14GUG32A*	14GUG32B*	14GUG32@*	14GUG32F*	14GUG320*
25	30	50	50	3	—	25–100	B	14HUG32A*	14HUG32B*	14HUG32@*	14HUG32F*	14HUG320*
30	40	75	75	—	3 1/2	50–200	B	14IUH32A*	14IUH32B*	14IUH32@*	14IUH32F*	14IUH320*
40	50	100	100	4	—	50–200	B	14JUH32A*	14JUH32B*	14JUH32@*	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>③</sup>	—	400–1220	A1+CT	14NUN32A*	14NUN32B*	—	—	14NUN320*
—	450	900	900	8 <sup>④</sup>	—	400–1220	A1+CT	14PUN32A*	14PUN32B*	—	—	14PUN320*

### Open Type & Standard Width Enclosure, Single Phase, 2-Pole<sup>⑤</sup>

Max Hp		NEMA Size	Overload		Enclosure				
115 Volts	208/230 Volts		Amp Range	Frame Size	Open Type Standard Auxiliary Contacts	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 3R/4/12 Watertight, Dust-tight, Weatherproof
115 Volts	208/230 Volts	NEMA Size	Amp Range	Frame Size	Catalog Number	Catalog Number	Catalog Number	Catalog Number	Catalog Number
1/8	1/8	0	0.75–3.4	A	14CUB12A*	14CUB12B*	14CUB12@*	14CUB12F*	14CUB120*
1/8	1/8	0	3–12	A1	14CUC12A*	14CUC12B*	14CUC12@*	14CUC12F*	14CUC120*
1	2	0	5.5–22	A1	14CUD12A*	14CUD12B*	14CUD12@*	14CUD12F*	14CUD120*
1/8	1/8	1	0.75–3.4	A	14DUB12A*	14DUB12B*	14DUB12@*	14DUB12F*	14DUB120*
1/8	1/8	1	3–12	A1	14DUC12A*	14DUC12B*	14DUC12@*	14DUC12F*	14DUC120*
1	2	1	5.5–22	A1	14DUD12A*	14DUD12B*	14DUD12@*	14DUD12F*	14DUD120*
3	7 1/2	2	25–100	B	14FUG12A*	14FUG12B*	14FUG12@*	14FUG12F*	14FUG120*
7 1/2	15	3	25–100	B	14HUG12A*	14HUG12B*	14HUG12@*	14HUG12F*	14HUG120*

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

① Dual voltage coils not available in size 5–8 starters.

② 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.

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

④ Only available F coil 100–250V AC 50/60Hz, or DC

⑤ To receive a single phase starter in an extra wide enclosure order an enclosure kit from pg 9/89 and the open style starter from pg 9/11 as separate items.