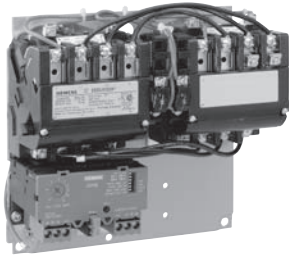


# Reversing Heavy Duty Starters

## Solid State Overload, Class 22

### 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 9/104.
- ▶ Factory Modifications see page 9/119.
- ▶ Dimensions see page 9/142 open and 9/162 enclosed.
- ▶ Wiring Diagrams see page 9/176.

#### 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 9/119.

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

Max Hp					Overload		Enclosure											
200 Volts	230 Volts	460 Volts	575 Volts	NEMA Size	Half Size	Amp Range	Frame Size	Open Type Standard Auxiliary Contacts <sup>ⓐ</sup>	NEMA 1 General Purpose	NEMA 4/4X Stainless <sup>ⓑ</sup> Watertight, Dust-tight, Corrosion Resistant 304 Stainless Steel	NEMA 4X Fiberglass Watertight, Dust-tight Corrosion Resistant	NEMA 7 & 9 NEMA 3 & 4 Div. 1 and Div. 2 Class I Groups C & D Class II Groups E, F & G Class III Bolted Enclosures Indoor/ Outdoor Use		NEMA 12 NEMA 3/3R <sup>ⓐ</sup> Industrial Use Weatherproof (Field Convertible to 3/3R)				
Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$	
1/2	1/2	1/2	1/2	00	—	0.25–1	A	22BUA32A*	22BUA32B*	Use Size 0	—	Use Size 0	—	Use Size 0	—	Use Size 0	—	
1/2	1/2	1 1/2	2	00	—	0.75–3.4	A	22BUB32A*	22BUB32B*	Use Size 0	—	Use Size 0	—	Use Size 0	—	Use Size 0	—	
1 1/2	1 1/2	2	—	00	—	3–12	A1	22BUC32A*	22BUC32B*	Use Size 0	—	Use Size 0	—	Use Size 0	—	Use Size 0	—	
1/2	1/2	1/2	1/2	0	—	0.25–1	A	22CUA32A*	22CUA32B*	22CUA32W*	22CUA32F*	22CUA32H*	22CUA320*					
1/2	1/2	1 1/2	2	0	—	0.75–3.4	A	22CUB32A*	22CUB32B*	22CUB32W*	22CUB32F*	22CUB32H*	22CUB320*					
2	2	5	5	0	—	3–12	A1	22CUC32A*	22CUC32B*	22CUC32W*	22CUC32F*	22CUC32H*	22CUC320*					
3	3	—	—	0	—	5.5–22	A1	22CUD32A*	22CUD32B*	22CUD32W*	22CUD32F*	22CUD32H*	22CUD320*					
1/2	1/2	1/2	1/2	1	—	0.25–1	A	22DUA32A*	22DUA32B*	22DUA32W*	22DUA32F*	22DUA32H*	22DUA320*					
1/2	1/2	1 1/2	2	1	—	0.75–3.4	A	22DUB32A*	22DUB32B*	22DUB32W*	22DUB32F*	22DUB32H*	22DUB320*					
2	2	5	5	1	—	3–12	A1	22DUC32A*	22DUC32B*	22DUC32W*	22DUC32F*	22DUC32H*	22DUC320*					
3	3	10	10	1	—	5.5–22	A1	22DUD32A*	22DUD32B*	22DUD32W*	22DUD32F*	22DUD32H*	22DUD320*					
7 1/2	7 1/2	—	—	1	—	10–40	A1	22DUE32A*	22DUE32B*	22DUE32W*	22DUE32F*	22DUE32H*	22DUE320*					
10	10	15	15	—	1 1/2	10–40	A1	22EUE32A*	22EUE32B*	22EUE32W*	22EUE32F*	22EUE32H*	22EUE320*					
10	15	25	25	2	—	13–52	B	22FUF32A*	22FUF32B*	22FUF32W*	22FUF32F*	22FUF32H*	22FUF320*					
15	20	30	30	—	2 1/2	25–100	B	22GUG32A*	22GUG32B*	22GUG32W*	22GUG32F*	22GUG32H*	22GUG320*					
25	30	50	50	3	—	25–100	B	22HUG32A*	22HUG32B*	22HUG32W*	22HUG32F*	22HUG32H*	22HUG320*					
30	40	75	75	—	3 1/2	50–200	B	22IUH32A*	22IUH32B*	22IUH32W*	22IUH32F*	22IUH32H*	22IUH320*					
40	50	100	100	4	—	50–200	B	22JUH32A*	22JUH32B*	22JUH32W*	22JUH32F*	22JUH32H*	22JUH320*					
75	100	200	200	5	—	55–250	—	22LPU32A*	22LPU32B*	22LPU32E* <sup>ⓑ</sup>	—	—	—	22LPU320*				
150	200	400	400	6	—	160–630	—	22MPX32A*	22MPX32B*	22MPX32E* <sup>ⓑ</sup>	—	—	—	22MPX320*				
—	300	600	600	7 <sup>ⓐ</sup>	—	400–1220	A1+CT	22NUN32A*	22NUN32B*	—	—	—	—	22NUN320*				
—	450	900	900	8 <sup>ⓐ</sup>	—	400–1220	A1+CT	22PUN32A*	22PUN32B*	—	—	—	—	22PUN320*				

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

- ⓐ Dual voltage coils not available in size 5–8 starters.
- ⓑ For conduit hubs and conversion instructions, see page 9/110.

ⓑ Enclosure is rated only NEMA 4 (painted steel).

- ⓐ Only available  
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

ⓐ Auxiliary contacts  
22B–22E 4th pole built-in  
22F–22J 2 NO & 2 NC