

Contactors and Starters

Type S, NEMA-style

Reversing starters Class 8736



8736 SAO 16 V02 H20
(vertical type)

3-pole reversing starters

NEMA Size	Standard power ratings of 3-phase motors 50/60 Hz								Continuous current ratings A	Enclosure type (1)	Basic reference Add code indicating control circuit voltage (2) and optional variants (3) and "H" code (4)	Weight kg (lb)
	Motor volts											
	200 V		230 V		460 V		575 V					
	hp	kW	hp	kW	hp	kW	hp	kW				
00	1.5	1.1	1.5	1.1	2	1.5	2	1.5	9	Open/Horizontal Type	8736 SAO 16 (2) (3) (4)	6 (13)
										NEMA 1	8736 SAG 16 (2) (3) (4)	8 (17)
										NEMA 12	8736 SBA 4 (2) (3) (4)	11 (24)
0	3	2.2	3	2.2	5	3.7	5	3.7	18	Open/Vertical Type	8736 SBO 10 (2) (3) (4)	6 (13)
										Open/Horizontal Type	8736 SBO 4 (2) (3) (4)	6 (13)
										NEMA 1	8736 SBG 4 (2) (3) (4)	8 (17)
										NEMA 12	8736 SBA 4 (2) (3) (4)	11 (24)
1	7.5	5.5	7.5	5.5	10	7.5	10	7.5	27	Open/Vertical Type	8736 SCO 7 (2) (3) (4)	6 (13)
										Open/Horizontal Type	8736 SCO 8 (2) (3) (4)	6 (13)
										NEMA 1	8736 SCG 8 (2) (3) (4)	8 (17)
										NEMA 12	8736 SCA 4 (2) (3) (4)	11 (24)
2	10	7.5	15	11	25	18.5	25	18.5	45	Open/Vertical Type	8736 SDO 1 (2) (3) (4)	8 (18)
										Open/Horizontal Type	8736 SDO 2 (2) (3) (4)	8 (18)
										NEMA 1	8736 SDG 2 (2) (3) (4)	11 (25)
										NEMA 12	8736 SDA 1 (2) (3) (4)	15 (32)
3	25	18.5	30	22	50	37	50	37	90	Open/Vertical Type	8736 SEO 1 (2) (3) (4)	17 (38)
										Open/Horizontal Type	8736 SEO 2 (2) (3) (4)	17 (38)
										NEMA 1	8736 SEG 2 (2) (3) (4)	44 (98)
										NEMA 12	8736 SEA 1 (2) (3) (4)	45 (99)
4	40	30	50	37	100	75	100	75	135	Open/Vertical Type	8736 SFO 1 (2) (3) (4)	22 (48)
										Open/Horizontal Type	8736 SFO 3 (2) (3) (4)	22 (48)
										NEMA 1	8736 SFG 3 (2) (3) (4)	44 (98)
										NEMA 12	8736 SFA 1 (2) (3) (4)	45 (99)
5	75	55	100	75	200	150	200	150	270	Open/Vertical Type	8736 SGO 1 (2) (3) (4)	52 (115)
										Open/Horizontal Type	8736 SGO 3 (2) (3) (4)	52 (115)
										NEMA 1	8736 SGG 3 (2) (3) (4)	143 (315)
										NEMA 12	8736 SGA 1 (2) (3) (4)	145 (319)
6	150	110	200	150	400	300	400	300	540	Open/Horizontal Type	8736 SHO 1 (2) (3) (4)	91 (200)
										NEMA 1	8736 SHG 1 (2) (3) (4)	184 (405)
										NEMA 12	8736 SHA 1 (2) (3) (4)	225 (495)
7	-	-	300	220	600	450	600	450	810	Open/Horizontal Type	8736 SJO 1 (2) (3) (4)	143 (315)
										NEMA 1	8736 SJG 1 (2) (3) (4)	236 (521)
										NEMA 12	8736 SJA 1 (2) (3) (4)	280 (618)

(1) Open: no enclosure ("O").
 NEMA 1: General purpose enclosure ("G").
 NEMA 12: Dust-tight and drip-tight industrial-use enclosure ("A").
 (2) Standard control circuit voltage:

Volts	24	110	120	208	220	240	380	440	480	550	600
50 Hz	-	V02	-	-	V03	-	V05	V06	-	V07	-
60 Hz	V01	-	V02	V08	-	V03	-	-	V06	-	V07

24 V and 120 V coils require the addition of form "S" for separate control. Example: **8736 SAO 16 V01 H10S**.

(3) For optional variants, see pages 1/10 to 1/13.

(4) To complete the "H" code for solid-state overload relays, see page 1/10.