

Unidrive HS70 / HS71 / HS72 drive ratings size 7 to 10

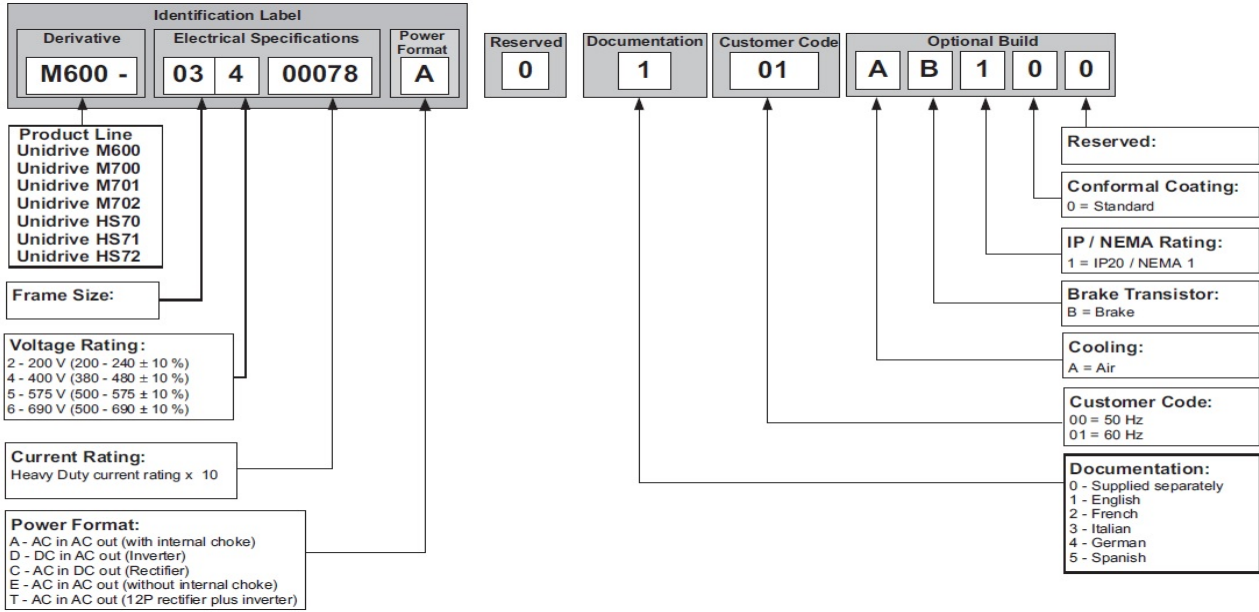


Table 2-1 200 V drive ratings, cable sizes and fuse ratings

Model	Max. cont. input current	Fuse				Nominal cable size				Normal Duty			Heavy Duty		
		IEC		UL		European		USA		Max. cont. output current	Nom power @ 230 V	Motor power @ 230 V	Max. cont. output current	Nom power @ 230 V	Motor power @ 230 V
		3ph	Nom	Nom	Class	Input	Output	Input	Output						
		A	A	A	Class	mm ²	mm ²	AWG or kcmil	AWG or kcmil						
07200610	67	80	gG	80	CC, J or T*	35	35	2	2	75	18.5	25	61	15	20
07200750	84	100		100		35	35	1	1	94	22	30	75	18.5	25
07200830	105	125		125		70	70	1/0	1/0	117	30	40	83	22	30
08201160	137	200	gR	200	HSJ	95	95	3/0	3/0	149	37	50	116	30	40
08201320	166	200		225		2 x 70	2 x 70	2 x 1	2 x 1	180	45	60	132	37	50
09201760	205	250	gR	250	HSJ	2 x 70 (B1)	2 x 95 (B2)	2 x 2/0		216	55	75	176	45	60
09202190	260	315		300		2 x 95 (B1)	2 x 120 (B2)	2 x 4/0		266	75	100	219	55	75
10202830	305	400	gR	400	HSJ	2 x 120 (B1)	2 x 120 (C)	2 x 300	2 x 250	325	90	125	283	75	100
10203000	361	450		450		2 x 300		2 x 300	360	110	150	300	90	125	

Table 2-2 400 V drive ratings, cable sizes and fuse ratings

Model	Max. cont. input current	Fuse				Nominal cable size				Normal Duty			Heavy Duty		
		IEC		UL		European		USA		Max. cont. output current	Nom power @ 400 V	Motor power @ 460 V	Max. cont. output current	Nom power @ 400 V	Motor power @ 460 V
		3ph	Nom	Class	Nom	Class	Input	Output	Input						
		A	A		A		mm ²	mm ²	AWG or kcmil	AWG or kcmil	A	kW	hp	A	kW
07400660	74	100	gG	80	CC, J or T*	35	35	1	1	79	37	60	66	30	50
07400770	88	100		100		50	50	2	2	94	45	60	77	37	60
07401000	105	125		125		70	70	1/0	1/0	112	55	75	100	45	75
08401340	155	250	gR	225	HSJ	2 x 50	2 x 50	2 x 1	2 x 1	155	75	100	134	55	100
08401570	177	250		225		2 x 70	2 x 70	2 x 1/0	2 x 1/0	184	90	150	157	75	125
09402000	232	315	gR	300	HSJ	2 x 70 (B1)	2 x 95 (B2)	2 x 3/0	2 x 2/0	221	110	150	200**	90	150
09402240	267			350		2 x 95 (B1)	2 x 120 (B2)	2 x 4/0	2 x 4/0	266**	132	200	224**	110	150
10402700	332	400	gR	400	HSJ	2 x 120 (C)	2 x 120 (B2)	2 x 300	2 x 250	320	160	250	270	132	200
10403200	397	450		450		2 x 150 (C)	2 x 150 (B2)	2 x 350	2 x 300	361	200	300	320**	160	250

Table 2-3 575 V drive ratings, cable sizes and fuse ratings

Model	Max. cont. input current	Fuse				Nominal cable size				Normal Duty			Heavy Duty		
		IEC		UL		European		USA		Max. cont. output current	Nom power @ 575 V	Motor power @ 575 V	Max. cont. output current	Nom power @ 575 V	Motor power @ 575 V
		3ph	Nom	Class	Nom	Class	Input	Output	Input						
		A	A		A		mm ²	mm ²	AWG	AWG	A	kW	hp	A	kW
07500440	45	50	gG	50	CC, J or T*	16	16	4	4	53	45	50	44	30	40
07500550	62	80		80		25	25	3	3	73	55	60	55	37	50
08500630	83	125	gR	100	HSJ	35	35	1	1	86	75	75	63	45	60
08500860	104	160		150		50	50	1	1	108	90	100	86	55	75
09501040	166	150	gR	150	HSJ	2 x 70 (B2)	2 x 35 (B2)	2 x 1	2 x 3	125	110	125	104	75	100
09501310	166	200		175			HSJ		2 x 50 (B2)	2 x 1	155	110	150	131	90
10501520	197	250	gR	250	HSJ	2 x 70 (B2)	2 x 70 (B2)	2 x 2/0	2 x 2/0	200	130	200	152	110	150
10501900	218					2 x 95 (B2)				200	150	200	190	132	200

Table 2-4 690 V drive ratings, cable sizes and fuse ratings

Model	Max. cont. input current	Fuse				Nominal cable size				Normal Duty			Heavy Duty		
		IEC		UL		European		USA		Max. cont. output current	Nom power @ 690 V	Motor power @ 690 V	Max. cont. output current	Nom power @ 690 V	Motor power @ 690 V
		Nom	Class	Nom	Class	Input	Output	Input	Output						
		A	A	A		mm ²	mm ²	AWG	AWG						
07600190	20	25	gG	25	CC, J or T*	10	10	8	8	23	18.5	25	19	15	20
07600240	26	32		30		10	10	6	6	30	22	30	24	18.5	25
07600290	31	40		35		10	10	6	6	36	30	40	29	22	30
07600380	39	50		50		16	16	4	4	46	37	50	38	30	40
07600440	44	50		50		16	16	4	4	52	45	60	44	37	50
07600540	62	80		80		25	25	3	3	73	55	75	54	45	60
08600630	83	125	gR	100	HSJ	50	50	2	2	86	75	100	63	55	75
08600860	104	160		150		70	70	1/0	1/0	108	90	125	86	75	100
09601040	149	150	gR	150	HSJ	2 x 50 (B2)	2 x 35 (B2)	2 x 1	2 x 3	125	110	150	104	90	125
09601310	171	200		200		2 x 70 (B2)	2 x 50 (B2)	2 x 1/0	2 x 1	155	132	175	131	110	150
10601500	202	225	gR	250	HSJ	2 x 70 (B2)	2 x 70 (B2)	2 x 2/0	2 x 1/0	172	160	200	150	132	175
10601780	225	250				gR		2 x 95 (B2)	2 x 3/0	2 x 2/0	197	185	250	178	160