



Commander SK (Variable Frequency Drive-VFD)

- General purpose complete range of HVAC drive ranging from 0.25 kw - 132 kw (0.33HP - 200 HP) 100 V / 200 V / 400 / 575 / 690 V.
- Keypad access to all parameters – basic and advanced menus
- Speed reference input: 0-10V, 0-20mA, 4-20mA (-10V to +10V SM-I/O Lite option)
- Output frequency from 0 to 1500 Hz
- Modbus RTU RS485 via RJ45 connector as standard
- Energy savings with dynamic motor flux V/Hz
- Fan and pump energy optimisation with quadratic motor flux V/Hz
- VDF as a standard include for 4DI,1DI/DO, 1DO, 2AI and 1 AO.

FEATURES

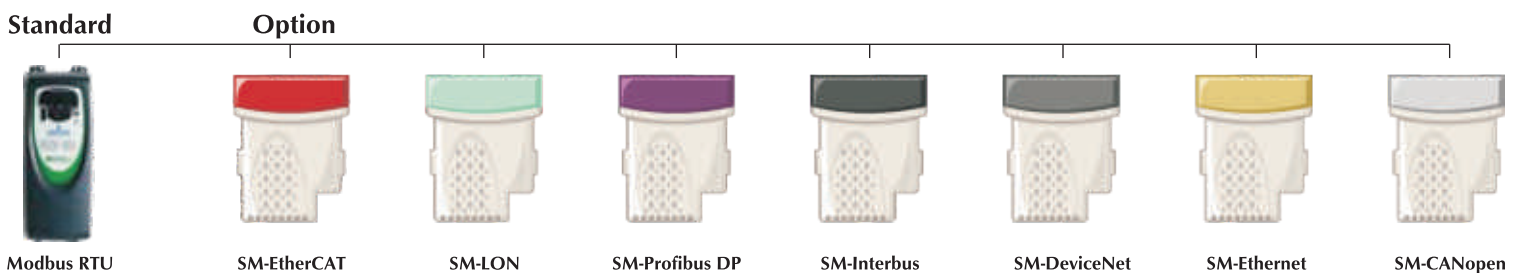
Frame Size	200 / 240 VAC +/- 10% 1 phase	Normal Duty			Heavy Duty		
		Max Continuous Current (A)	Typical Output (kW)	Motor Power (HP)	Max Continuous Current (A)	Typical Output (kW)	Motor Power (HP)
A	Order Code						
	SKA1200025				1.7	0.25	0.33
	SKA1200037				2.2	0.37	0.5
	SKA1200055				3	0.55	0.75
B	SKA1200075				4	0.75	1
	SKBD200110				5.2	1.1	1.5
C	SKBD200150				7	1.5	2
	SKCD200220				9.6	2.2	3
D	SKDD200300				12.6	3	3

Frame Size	380 / 480 VAC +/- 10% 3 phase	Normal Duty			Heavy Duty		
		Max Continuous Current (A)	Typical Output (kW)	Motor Power (HP)	Max Continuous Current (A)	Typical Output (kW)	Motor Power (HP)
B	Order Code						
	SKB3400037				1.3	0.37	0.5
	SKB3400055				1.7	0.55	0.75
	SKB3400075				2.1	0.75	1
	SKB3400110				2.8	1.1	1.5
C	SKB3400150				3.8	1.5	2
	SKC3400220				5.1	2.2	3
D	SKC3400300				7.2	3	3
	SKC3400400				9	4	5
D	SKD3400550				13	5.5	7.5
	SKD3400750				16.5	7.5	10

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B	Order Code						
	SKBD200110				5.2	1.1	1.5
C	SKBD200150				7	1.5	2
	SKCD200220				9.6	2.2	3
D	SKDD200300				12.6	3	3
	SKD3200400				17	4	5
2	SK2201	15.5	4	5	12.6	3	3
	SK2202	22	5.5	7.5	17	4	5
	SK2203	28	7.5	10	25	5.5	7.5
3	SK3201	42	11	15	31	7.5	10
	SK3202	54	15	20	42	11	15
4	SK4201	68	18.5	25	56	15	20
	SK4202	80	22	30	68	18.5	25
	SK4203	104	30	40	80	22	30

Frame Size	380 / 480 VAC +/- 10% 3 phase	Normal Duty			Heavy Duty		
		Max Continuous Current (A)	Typical Output (kW)	Motor Power (HP)	Max Continuous Current (A)	Typical Output (kW)	Motor Power (HP)
2	Order Code						
	SK2401	15.3	7.5	10	13	5.5	7.5
	SK2402	21	11	15	16.5	7.5	10
	SK2403	29	15	20	25	11	20
3	SK2404				29	15	20
	SK3401	35	18.5	25	32	15	25
	SK3402	43	22	30	40	18.5	30
4	SK3403	56	30	40	46	22	30
	SK4401	68	37	50	60	30	50
5	SK4402	83	45	60	74	37	60
	SK4403	104	55	75	96	45	75
6	SK5401	138	75	100	124	55	100
	SK5402	168	90	125	156	75	125
6	SK6401	205	110	150	180	90	150
	SK6402	236	132	200	210	110	150

COMMUNICATIONS



ACCESSORIES



Normal Duty
110% overload current for 215 s.
For applications which use self-ventilated induction motors and require a low overload capability (e.g. fans, pumps)

Heavy Duty
150% overload current for 60 s.
For constant torque applications which require a high overload capability (e.g. cranes, hoists)