

# Commander SK

## Compact, easy to use AC drive



0.25kW - 132kW  
100V / 200V / 400V / 575V / 690V

Commander SK is simple to install and easy to use yet has integrated features that allow advanced functions to be performed. Commander SK is robust and ideal for a wide range of motor control applications, including fans, pumps, compressors, conveyors and mixers.



[www.controltechniques.com](http://www.controltechniques.com)



## Commander SK overview

Easy set-up – all parameters required for typical applications shown on front facia



Simple push button start-up

DIN-rail mountable (up to 1.5kW)

Internal EMC filter with easy disconnect

### 200 / 240 VAC +/- 10% 1 phase

Order Code	Normal Duty		Heavy Duty	
	Max Continuous Current (A)	Typical Output (kW)	Max Continuous Current (A)	Typical Output (kW)
SKA1200025			1.7	0.25
SKA1200037			2.2	0.37
SKA1200055			3	0.55
SKA1200075			4	0.75
SKBD200110			5.2	1.1
SKBD200150			7	1.5
SKCD200220			9.6	2.2
SKDD200300			12.6	3

### 200 / 240 VAC +/- 10% 3 phase

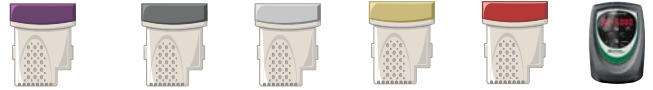
Order Code	Normal Duty		Heavy Duty	
	Max Continuous Current (A)	Typical Output (kW)	Max Continuous Current (A)	Typical Output (kW)
SKBD200110			5.2	1.1
SKBD200150			7	1.5
SKCD200220			9.6	2.2
SKDD200300			12.6	3
SKD3200400			17	4
SK2201	15.5	4	12.6	3
SK2202	22	5.5	17	4
SK2203	28	7.5	25	5.5
SK3201	42	11	31	7.5
SK3202	54	15	42	11
SK4201	68	18.5	56	15
SK4202	80	22	68	18.5
SK4203	104	30	80	22

Normal Duty	Heavy Duty
110% overload current for 215 s. For applications which use self-ventilated induction motors and require a low overload capacity (e.g. fans, pumps)	150% overload current for 60 s. For constant torque applications which require a high overload capability (e.g. cranes, hoists)

## Key Features

- Open loop vector speed or torque operation
- Speed reference 0 to 10V, 0 to 20mA
- 4 Digital inputs, 1 Digital input/output, 1 Relay output, 2 Analog inputs, 1 Analog output
- Standard RS485 Modbus RJ45
- DC injection braking and dynamic brake transistor standard
- IP20

## Options



SM-PROFIBUS-DP SM-DeviceNet SM-CANopen SM-Ethernet SM-EtherCAT SK-Remote



**SmartStick** - Parameter storage / cloning



**LogicStick** - Onboard PLC

### 380 / 480 VAC +/- 10% 3 phase

Order Code	Normal Duty		Heavy Duty	
	Max Continuous Current (A)	Typical Output (kW)	Max Continuous Current (A)	Typical Output (kW)
SKB3400037			1.3	0.37
SKB3400055			1.7	0.55
SKB3400075			2.1	0.75
SKB3400110			2.8	1.1
SKB3400150			3.8	1.5
SKC3400220			5.1	2.2
SKC3400300			7.2	3
SKC3400400			9	4
SKD3400550			13	5.5
SKD3400750			16.5	7.5
SK2401	15.3	7.5	13	5.5
SK2402	21	11	16.5	7.5
SK2403	29	15	25	11
SK2404			29	15
SK3401	35	18.5	32	15
SK3402	43	22	40	18.5
SK3403	56	30	46	22
SK4401	68	37	60	30
SK4402	83	45	74	37
SK4403	104	55	96	45
SK5401	138	75	124	55
SK5402	168	90	156	75
SK6401	205	110	180	90
SK6402	236	132	210	110

For more information and rating details for 100V, 575V and 690V please refer to the Commander SK brochure or visit: [www.controltechniques.com](http://www.controltechniques.com)



Reseller's Stamp