



VFD150CP4EB-21



VFD220CP4EA-21



VFD2200CP43A-21

CP 2000 series fan and pump purpose drives

CP2000 designed specifically for Pump, Fan and HVAC applications with intelligent PID controller. Sensorless Vector Control, multi-segment V/F control curve and soft start, greatly improve efficiency of the fluctuating torque load and constant output load.

- Quick setup mode and user defined parameter management, simplify installation
- Built-in MODBUS and BACnet, expandable with extension cards
- Built-in PLC 10K steps with real-time-clock and calendar
- Multi-pump control and circulation functions
- Skip frequency function (*avoids motor vibration at specific frequency bandwidths*)
- Enhanced PCB coating ensures reliability in harsh environments

type	motor rating	description	frame size	dimensions (mm) (H) (W) (D)		
------	--------------	-------------	------------	--------------------------------	--	--

CP2000 three-phase 380 - 460 VAC 50/60Hz

VFD015CP4EB-21*	1.5kW	3 phase AC motor drive	A	250	130	170
VFD022CP4EB-21*	2.2kW	3 phase AC motor drive	A	250	130	170
VFD040CP4EA-21*	4.0kW	3 phase AC motor drive	A	250	130	170
VFD055CP4EB-21*	5.5kW	3 phase AC motor drive	A	250	130	170
VFD075CP4EB-21*	7.5kW	3 phase AC motor drive	A	250	130	170
VFD110CP4EB-21*	11.0kW	3 phase AC motor drive	B	320	190	190
VFD150CP4EB-21*	15.0kW	3 phase AC motor drive	B	320	190	190
VFD185CP4EB-21*	18.5kW	3 phase AC motor drive	B	320	190	190
VFD220CP4EA-21*	22.0kW	3 phase AC motor drive	C	400	250	210
VFD300CP4EB-21*	30.0kW	3 phase AC motor drive	C	400	250	210
VFD370CP4EB-21*	37.0kW	3 phase AC motor drive	C	400	250	210
VFD450CP43S-21	45.0kW	3 phase AC motor drive	D0-2	614	280	255
VFD550CP43S-21	55.0kW	3 phase AC motor drive	D0-2	614	280	255
VFD750CP43B-21	75.0kW	3 phase AC motor drive	D2	688	330	275
VFD900CP43A-21	90.0kW	3 phase AC motor drive	D2	688	330	275
VFD1100CP43A-21	110.0kW	3 phase AC motor drive	E2	715	370	300
VFD1320CP43B-21	132.0kW	3 phase AC motor drive	E2	715	370	300
VFD1600CP43A-21	160.0kW	3 phase AC motor drive	F2	940	370	300
VFD1850CP43B-21	185.0kW	3 phase AC motor drive	F2	940	370	300
VFD2200CP43A-21	220.0kW	3 phase AC motor drive	G2	1240	500	397
VFD2800CP43A-21	280.0kW	3 phase AC motor drive	G2	1240	500	397

* Up to 37kW built-in braking chop and EMI filter. Larger sizes DC choke built-in
Larger sizes (up to 500kW) available on request

Accessories for C2000 and CP2000 drives

KPC-CC01	keypad	with LCD display, parameters backup function
MKC-KPPK	keypad	remote panel adaptor (IP65) for keypad
EMC-D42A	4DI/2DO	extension card DC 24V
EMC-R6AA	6 relay	output extension card

PG cards - 300k pulse/sec. 5 VDC 50mA output with frequency divide function for C2000 only

EMC-PG01L	PG card	5 VDC supply	to encoder, Line-driver (A,B,Z)
EMC-PG01O	PG card	5 or 12 VDC supply	to encoder, Open-collector
EMC-PG01U	PG card	5 VDC supply	to encoder, Line-driver (A,B,Z,U,V,W)

Fieldbus modules - (plug-in to drive)

CMC-EIP01	Ethernet	communication card	supports Ethernet/IP
CMC-MOD01	Ethernet	communication card	supports MODBUS TCP
CMC-DN01	Devicenet	communication card	125kbps / 250kbps / 500kbps
CMC-PD01	Profibus-DP	communication card	9.6kbps - 12Mbps
EMC-COP01	CANopen	communication card	50kbps - 1mbps