



VFD015EL21A



VFD037EL43A



VFD110E43A



EME-R2CA

EL series multi-function micro AC motor drives (*open-loop control mode*)

- High-efficiency cooling and flexible space (*side-by-side installation*)
- Built-in PID feedback control and EMI filter
- Optional Fieldbus modules for a variety of networks (*Profibus, DeviceNet, Lonworks, CANopen*)
- Complete protection function
- Built-in front fascia for frequency adjustment and start/stop

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

Single-phase input 180 - 264 VAC 50/60Hz (*three phase 230 VAC output voltage*)

VFD002EL21A	200W	single-phase AC motor drive	A	142	72	136
VFD004EL21A	400W	single-phase AC motor drive	A	142	72	136
VFD007EL21A	750W	single-phase AC motor drive	A	142	72	136
VFD015EL21A	1.5kW	single-phase AC motor drive	B	174	100	136
VFD022EL21A	2.2kW	single-phase AC motor drive	B	174	100	136

Three-phase 380 - 480 VAC 50/60Hz

VFD004EL43A	400W	three-phase AC motor drive	A	174	72	136
VFD007EL43A	750W	three-phase AC motor drive	A	174	72	136
VFD015EL43A	1.5kW	three-phase AC motor drive	A	174	72	136
VFD022EL43A	2.2kW	three-phase AC motor drive	B	174	100	136
VFD037EL43A	3.7kW	three-phase AC motor drive	B	174	100	136

E series drives *extension facilities via plug-in extension cards*

- Standard MODBUS protocol via RS-485
- DIN rail mountable (*with optional accessory*)
- Expandable with optional plug-in cards
- Built-in PLC function (*easy to write PLC function*)
- Side-by-side installation (*40°C*) high-efficiency cooling and flexible space
- Built-in braking chop and EMI filter (*to reduce electromagnetic interference efficiently*)
- Optional Fieldbus modules for a variety of networks Profibus, DeviceNet, Lonworks, CANopen
- Fascia can be replaced with optional keypad KPE-LE02 (*speed change and status indication*)

Three phase 380 - 480 VAC 50/60Hz

VFD004E43T	400W	3 phase AC motor drive	A1	142	72	152
VFD007E43T	750W	3 phase AC motor drive	A1	142	72	152
VFD015E43T	1.5kW	3 phase AC motor drive	A1	142	72	152
VFD022E43A	2.2kW	3 phase AC motor drive	B1	174	100	152
VFD037E43A	3.7kW	3 phase AC motor drive	B1	174	100	152
VFD055E43A	5.5kW	3 phase AC motor drive	C1	260	130	169
VFD075E43A	7.5kW	3 phase AC motor drive	C1	260	130	169
VFD110E43A	11.0kW	3 phase AC motor drive	C1	260	130	169
VFD150E43A	15.0kW	3 phase AC motor drive	D1	310	200	190
VFD185E43A	18.5kW	3 phase AC motor drive	D1	310	200	190
VFD220E43A	22.0kW	3 phase AC motor drive	D1	310	200	190

Accessories for E series drives

KPE-LE02	keypad	digital display/keypad	for speed change and status
EG2010A	cable	for door mounted keypad	(<i>from drive to keypad</i>)
MKE-DRA	adaptor	DIN rail mounting frame	A (400W - 1.5kW)
MKE-DRB	adaptor	DIN rail mounting frame	B (2.2 - 3.7kW)
CME-USB01	USB card	for parameter setting	and PLC programming
EME-R2CA	I/O card	2 relay	output plug-in extension card
EME-R3AA	I/O card	3 relay	output plug-in extension card
EME-D33A	I/O card	3MI/3MO plug-in card	(<i>photocoupler 3 in and 3 out</i>)
EME-A22A	I/O card	2 analog in / 2 analog out	plug-in card
EME-A1D3A	I/O card	1 analog in / 3 digital out	plug-in card
EME-PG01	PG card	5 - 24 VDC supply to encoder	open collect 50mA pulse out

Fieldbus modules (*plug-in to drive*)

CME-DN01	DeviceNet	plug-in	communication module
CME-LW01	LonWorks	plug-in	communication module
CME-PD01	Profibus	plug-in	communication module
CME-COP01	CANopen	plug-in	communication module