



VFD075E23A

Model #:

Description								
(E Series) 10HP 7.5kW (CT 33A) / 15HP 11kW (VT 39A), 3 Ø 230VAC, 0-599.00Hz (o/p), (V/Hz, SVC, VC+PG), c/w EMI Filter & PLC, IP20, Frame C								
Manufacturer	Heavy Duty Output Rating		Light Duty Output Rating		-		Single Phase Duty Rating	
Delta Electronics	Input Amps Rating	34,0	Input Amps Rating	40,8	Input Amps Rating	-	1 Ø Input Amps Rating	34,0
	Rated HP	Rated Amps	HP	Rated Amps	HP	Rated Amps	HP	Amps
	10,0	33,0	10,0	33,0	-	-	7,5	16,5
	Max. HP	Max. Amps	Max. HP	Max. Amps	Max. HP	Max. Amps	Max. HP	Max. Amps
Max. Capacity	15,0	39,6	15,0	39,6	-	-	7,5	16,5
Line Reactor	Heavy Duty		Light Duty		-		1 Ø Phase	
	Line	Load	Line	Load	Line	Load	Line	Load
Model	KDRD21H	KDRD25L	KDRD22H	KDRD24L	-	-	KDRD21H	KDRB23L
HP Rating	10,0	10,00	15,0	15,00	-	-	10,00	7,50
Max Amps	31,0	34,0	47,0	48,0	-	-	31,0	25,0
Inductance uH	554	342	375,0	220	-	-	554	434
Nema 1 Encl.Size	C2	C2	C2	C2	-	-	C2	C2
Motor Models Compatible	Heavy Duty		Light Duty		-		1 Ø Phase	
	Model	HP	Model	HP	Model	HP	Model	HP
	MQP-32	10	-	-	-	-	MQP-37	15
	FLA	24	FLA	-	FLA	-	FLA	36,4
VFD Dimensions	Width (mm)	Width (in.)	Height (mm)	Height (in.)	Depth (mm)	Depth (in)	Wgt (Kg)	Wgt (lbs)
	130	5,1181	260	10,2362	169,2	6,661404	3,5	8,12175
Input Voltage	Input Frequency	Input Phase	Enclosure		Control Method	V/Hz, Sensorless Vector, Closed Loop Vector		
200 ~ 240VAC (± 10%)	50/60Hz (±5%)	3	IP20					
Regulated Output Voltage	Efficiency	Motor Current Protection Range	Stall Prevention Level SHD / HD	Stall Prevention Level ND	Stall Prevention Level LD	Carrier Frequency	Accel / Decel Time	Default Rating
0.0 ~ 255Vdc	≥97%	9.95 ~ 39.6 A	20 ~ 250%	-	-	1 ~ 15kHz	0.10 ~ 600.0 secs	Heavy Duty
Over Torque Level	DC Injection	Braking Chopper	Equivalent Braking Resistor Circuit	Minimum Braking Resistance Value	Starting Torque @			
10 ~ 200%	0 ~ 100.0 %	Built-in	1000W 20Ω	16.5 Ω	V/Hz	SVC	VC+PG	
					10 ~ 200% @ 1.5Hz	10 ~ 200% @ 0.5Hz	10 ~ 200% @ 0.2Hz	
Analog Inputs			Analog Outputs			Keypad	Fault Record	Reel Time Stamp
AVI	ACI	AUI	AFM1	AFM2	DFM			
0 ~ 10vdc	0 ~ 10vdc or 0/4 ~ 20ma	Optional	0 ~ 10vdc	Optional	Optional	Optional	5 last faults	Thru PLC
Digital Inputs					Signal mode			
Dedicated	Safe Torque Off	Programmable	Control Voltage		Sink (NPN) / Source (PNP)			
-	No	6	24vdc					
Digital Outputs				Built in Controllers				
DO1	DO2	DO3	DO4	Preset speeds	Process Control	PLC	PID	Position
1NO/NC Form C relay, ≤ 240VAC, ≤ 24vdc	Optional	Optocoupler NPN ≤ 48vdc	Optional	15	Thru PLC	5K Steps	Yes	No
Communication				Built In Protocol 1	Built In Protocol 2	Built In Protocol 3		
Comm Port 1	Comm Port 2	Comm port 3	Comm port 4	Modbus ACSII	Modbus RTU	-		
RJ45 (RS-485)	-	-	-					
Options								
Option 1	KPE-LE02	(E Series) Keypad, sold separately						
Option 2	VFD-PU06	Upload / Download Keypad, Compatible with all Delta Series except, V, VE,MS300, C2000, CP2000 series, RJ11 Comm port connectable						
Option 3	0	0						
Option 4	CME-DN01	(E Series), DeviceNet Communication module						
Option 5	CME-LW01	(E Series), LonsWork Communication module						
Option 6	CME-PD01	(E Series), ProfiBus Communication module						
Option 7	CME-COP01	(E Series), CANopen Communication module						
Option 8	CME-USB01	(E Series), USB - PC Communication module						
Option 9	EME-D33A	(E Series), I/O Extension card (3DI/3DO)						
Option 10	EME-R2CA	(E Series), I/O Extension card (2 Form C relays)						
Option 11	EME-R3AA	(E Series), I/O Extension card (3 Form A relays)						
Option 12	EME-PG01	(E Series), Encoder Interface Card						
Option 13	EME-A22A	(E Series), I/O Extension card (2AI/2AO)						
Option 14	MKE-EP	(E Series), EMI Mounting Plate						
Option 15	MKE-HUB01	(E Series), Dasiy Chain t-connector						
Option 16	-	-						
Option 17	-	-						
Option 18	-	-						