



Standard Specifications

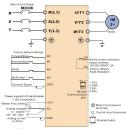
Voltage Class

Vibration

Function Display

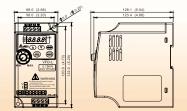


Wiring



NOTE: Dented play in a Modern or Meighten a New Child (ME-ABS communication port, openings). Experience in Experie

Dimensions



Mod	Model Number VFD-□□□L□□A/B			004	002	004	007	015		
Applicable Motor Output (kW)			0.2	0.4	0.2	0.4	0.7	1.5		
Output Rating	Rated Output Capacity (KVA)		0.6	1.0	0.6	1.0	1.6	2.7		
	Rated Outp	Rated Output Current (A)		2.5	1.6	2.5	4.2	7.0		
	Max. Output Voltage (V)		3phase double the input voltage Proportional to input voltage							
	Rated Frequency (Hz)		1.0~400Hz							
Power	Rated Input Current (A)		6	9	4.9/1.9	6.5/2.7	9.7/5.1	*/9		
	Input Volta	Input Voltage Tolerance		Single phase Single / 3-phase 100-120V 50/60Hz 200-240V 50/60Hz						
	Frequency	Frequency Tolerance		±5%						
	Control Sys	Control System		SVPWM (Space Vector Pulse Width Modulation, carrier frequency 3kHz~10kHz						
Control Characteristics	Output Frequency Resolution		0.1Hz							
	Torque Characteristics		Including auto-torque and auto-slip compensation, the starting torque is 150% at 5 Hz							
	Overload Endurance		150% of rated current for 1 minute							
	Accel/Decel Time		0.1~600Sec. (can be set individually)							
Lo Co	V/F Pattern		Adjustable V/F curve							
-	Stall Prevention Level		20~200% of rated output current							
	Frequency Setting	Keypad	Setting by ▲▼ keys or potentiometer							
stics		External Signal	Potentiometer-SK(0.5W, DC 0 ~ +10V (input impedance 100K), 4~20mA (output impedance 256 \(\Omega\$), 3 multi-function inputs (3 preset speeds, JOG, UP/DOWN command), communication setting							
racter	Operation Setting	Keypad	RUN/STOP keys							
g Cha	Signal	External Signal	M0,M1,M2,M3 can be combined to offer various modes of operation, RS-485 communication port							
Operating Characteristics	Multi-function Input Signal		Multi-step speed selection 0 to 3, Jog, accel/decel inhibit, first/second accel/decel selector, counter, PLC operation, external base block (NC,NO) selection							
0	Multi-function Output Signal		AC Drive Operating, Frequency Attained, Non-zero speed, Base Block, Fault Indication, Local/Remote control indication, PLC Operation indication.							
	Other F	unction	AVR, S-curve, Over-Voltage Stall Prevention, DC Braking, Fault Records, Adjustable Carrier Frequency, Over-Current Stall Prevention, Momentary Power Loss restart, Reverse Inhibit, Frequency Limits, Parameter Lock/Rese							
	Protection			Over Voltage, Over Current, Under Voltage, Overload, Overheating, Self-testing, Ground fault						
Other			Built-in EMI Filter for Frame B (single phase)							
Cooling			Forced air-cooling							
ent	Installation Location		Altitude 1,000 m or below, keep from corrosive gasses, liquid and dust							
	Ambient Temperature		-10°C to +40°C (Non-Condensing and not frozen)							
nvironment	Storage Temperature		-20°C to +60°C							
Š	Ambient Humidity		Below 90%RH (non-condensing)							

115V

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9.80665m/s1(1G) less than 20Hz, 5.88m/s1(0.6Gat) 20 to 50Hz



AMD-LE

Rated frequency range 1Hz~120Hz

115V / 230V model

DEP

Built-in Modbus Communication

Standard Specification Protective Device

Features:

- 1.16-bit microprocessor controlled SVPWM output
- 2.Low noise: carrier frequency up to 10kHz. Controlled reversing.
- 4.2 inputs and 1 output terminal for external controls.
- 5.Adjustable V/F curve. 6.Adjustable accel / decel time.
- 7.RS-485 communication (Baud rate 9600).
- 8.Option: Programmable Keypad (VFD-PU02).



Suitable for under 100W/3-phase AC motor drive

Compact with VFD-PU02 for running and monitoring AC motor drive (Optional)

Function Display A NELTA

ADVISED TRACE





Installation Method





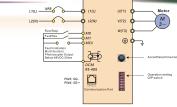








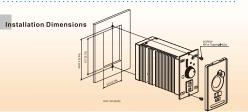
Motor Terminal Wiring



Dimensions

Wiring





Voltage			115V				230V			
Model Number VFD-			40W		001		40W		001	
Max. Applicable Motor Output(w)			25/40		60/100		25/40		60/100	
Output Rating	Rated Output Capacity (VA)		106/152		212/303		106/152		212/303	
	Rated Output Current (A)		0.28/0.4		0.56/0.8		0.28/0.4		0.56/0.8	
	Max. Output Voltage (V)		3Phase Double the Input Voltage			Proportional to Input Voltage				
	Rated Frequency (Hz)		1.00 to 120.00 Hz							
Input Rating	Rated Voltage/Frequency		Single-phase 100 to 120 VAC, 50/60 Hz			Single-phase 200 to 240 VAC, 50/60 Hz				
	Voltage/Freq. Tolerance		Voltage: 210%, Frequency: 25%							
	Rated Current (A)		1.1A	1.5A	2.2A	3.0A	0.5A	0.7A	1.0A	1.4A
Control Characteristics	Control Systems		SVPWM (Space Vector Pulse Width Modulation, carrier frequency 10kHz)							
	Torque Setting		High/Low, Switching							
	Overload Endurance		150% of rated current for 1 minute							
Contr	Accel/Decel Time		0 to 30.0 seconds							
Operating Characteristics	Frequency Setting		Potentiometer							
	Operation Setting Signal	Panel	RUN/STOP, FORWARD/REVERSE							
		Ext. Terminal	RUNISTOP, FORWARDIREVERSE, RS-485							
	Output		Fault Indication (LED Flash)							
ő	Indication	Ext. Terminal			Fault	Indication (C	pen Collecti	or)		
	Protectio	n	Self-testing, OverVoltage, OverCurrent, UnderVoltage, Overload, Overheating, Electronic thermal							
	Other		EMI Filter Built in for Frame B							
	Cooling		Natural air-cooling							
Environment	Installation Location		Altitude 1,000 m or lower, keep from corrosive gasses, liquid and dust							
	Ambient Temperature		-10°C TO 40°C (Non-Condensing and not frozen)							
	Storage Temperature		-20°C TO 60°C							
	Ambient Humidity		Below 90% RH (non-condensing)							
	Vibration		9.60665m/s (1G) less than 20Hz, 5.66m/s (0.6G) at 20 to 60Hz							

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