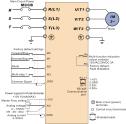




Function Display

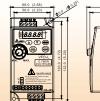


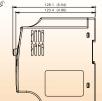
Wiring



NOTE: Do not plug in a Modern or telephone line to the RS-495 communication port, permanent derrage may result. Terminals 18 2 are the power seurce for the optional copy keypod and should not be seen with a sing RS-485 Optional Colly analysis are serviced as the optional control of the Optional Colly analysis are serviced as the Optional Collins and Collins and Optional Co

Dimensions







Standard Specifications

Output Frequency Resolution

Torque Characteristics Overload Endurance

Multi-function Output Sign

Vibration

Accel/Decel Time

V/F Pattern

Operation Setting

the starting torque is 150% at 5 Hz
150% of rated current for 1 minute
0.1~600Sec. (can be set individually)
Adjustable V/F curve

0.1Hz

Including auto-torque and auto-slip compensation.

Author Level						
requency Setting	Keypad	Setting by ▲▼ keys or potentiometer				
	External Signal	Potentiometer-5K/0.5W, DC 0 ~ +10V (input impedance 100K), 4~20mA (output impedance 250 \(\tilde{O} \), 3 multi-function inputs (3 preset speeds, JC UP/DOWN command), communication setting				

Setting	Keypad	RUN/STOP keys
Signal	External Signal	M0,M1,M2,M3 can be combined to offer various modes of operation, RS-485 communication port
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)

AC Drive Operating, Frequency Attained, Non-zero speed, Base Block,
Fault Indication ocal/Remote control indication PLC Operation indication

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

on	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/Reset

Protection	Over Voltage, Over Current, Under Voltage, Overload, Overheating Self-testing, Ground fault

selection

	Other	Built-in EMI Filter for Frame B (single phase)
Cooling		Forced air-cooling
ronment	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)
	Storage Temperature	-20°C to +60°C
	Ambient Humidity	Below 90%RH (non-condensing)

"We reserve the right of this catalogue contained information



Rated frequency range 1Hz ~120Hz

115V / 230V model

Function Display

Standard Specifications Protective Device

Features:

- 1.16-bit microprocessor controlled SVPWM output
- 2.Low noise : carrier frequency up to 10kHz. 3.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).



DOD

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

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





Installation Method





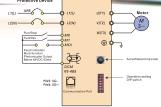






Wiring





Dimensions

Wiring





Model Number VFD-		40W		001		40W		001		
Max.	Applicable Moto	r Output(w)	25/	40	60/10	0	25/40 60/100			100
Dutput Rating	Rated Output Capacity (VA)		106/152		212/303		106/152		212	303
	Rated Output Current (A)		0.28/0.4		0.56/0	0.56/0.8		0.28/0.4		0.56/0.8
utput	Max. Output Voltage (V)		3Phase Double the Input Voltage			Pr	oportional to	Input Voltag	a	
۰	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, 50/50 Hz				
	Voltage/Freq. 1	Tolerance	Voltage:≥10%, Frequency:≥6%							
	Rated Current (A)		1.1A	1.5A	2.2A	3.0A	0.5A	0.7A	1.0A	1.4A
Control Characterist	Control Systems		SVPWM (Space Vector Pulse Width Modulation, carrier frequency 10kHz)							
	Torque Setting		High/Low, Switching							
	Overload Endu	rance	150% of rated current for 1 minute							
	Accel/Decel Time		0 to 30.0 seconds							
Operating Characteristics Co	Frequency Setting		Potentiometer							
acteri	Operation	Panel	RUN/STOP, FORWARD/REVERSE							
Chan	Setting Signal	Ext. Terminal		RUNISTOP, FORWARD/REVERSE, RS-485						
rating	Output	Panel	Fault Indication				(LED Flash)			
odo	Indication	Ext. Terminal			Fault	Fault Indication (Open Collector)				
	Protectio	n	Self-teating, OverVoltage, OverCurrent, UnderVoltage, Overload, Overheating, Electronic thermal							
Other			EMI Filter Built in for Frame B							
	Cooling		Natural air-cooling							
	Installation Location		Altitude 1,000 m or lower, keep from corrosive gasese, liquid and dust							
tue	Ambient Temperature		-10°C TO 40°C (Non-Condensing and not frozen)							
Environment	Storage Temperature		-20°C TO 80°C							
Env	Ambient Humidity		Below 80% RH (non-condensing)							

Vibration

"We reserve the right of this catalogue contained information change without prior police.

9.80665m/s (1G) less than 20Hz, 6.66m/s (0.6G) at 20 to 60Hz

230V

Built-in Modbus Communication