Variable Frequency Speed

0.75KW-2.2KW INVERTER

Model	KW	HP	Rated input current(A)	Rated output current(A)	Input Voltage	General type / Fan type	Integrated with brake function
VB-2SR75GB	0.75	1	8.2	4.5	220V / single phase	General type	YES
VB-2S1R5GB	1.5	2	14	7	220V / single phase	General type	YES
VB-2S2R2GB	2.2	3	23	9.6	220V / single phase	General type	YES
VB-4TR75GB	0.75	1	3.4	2.1	380V / three phase	General type	YES
VB-4T1R5GB	1.5	2	5	3.8	380V / three phase	General type	YES
VB-4T2R2GB	2.2	3	5.8	5.1	380V / three phase	General type	YES

Specification

Control Characteristic	**Control mode**	**V/F Control; Sensorless Vector Control (SVC); Torque Control**
	Starting torque	G Type: 0.5Hz/150 % (SVC); P Type: 0.5Hz/100%
	Speed adjustment range	1:100 (SVC)
	Speed holding precision	± 0.5 % (SVC)
	Overload capability	G Type: 150 % rated current for 60s; 180 % rated current for Is P Type: 120 % rated current for 60s; 150 % rated current for Is
Input / Output	Input voltage	220V/380V±15%
	Input frequency	50/60Hz, fluctuation range: ±5%
	Output voltage	0-rated input voltage
	Output frequency	SVC: 0~320Hz, V/F: 0~1000Hz
	Analog input	2 channels
	Digital input	6 channels
Input / Output terminals	Analog output	2 channels
	Digital output	1 channel
	Relay output	2 channels
	RS485 communication terminal	1 channel
	Power supply	2 channels (1 channel 10V, 1 channel 24V)
Application Environment	Attitude	Lower than 1000m, Service is derated capability above 1000m, derate 1% capacity every 100m increased in height.
	Environment temperature	-10°C ~ + 40°C (service is derated capability for 40°C ~ 50°C)
	Humidity	<95%RH, no water condensation
	Vibration	< 5.9m/s2 (0.6g)
	Storage temperature	-40°C~+ 60°C
Enclosure	Shell Material	ABS+PC
	Overall Size (mm)	187.00H*88.00W*138.00D
	Weight (Kg)	1.4
	Package dimensions (mm)	238.00H*145.00W*192.00D



