

SSI2000

SSI2000 series Compact Vector Control



SSI2000 series AC VFD

SSI2000 series Compact Vector Control

- Senseless flux vector control (VC), V/F (Voltage/Frequency) control
- Overload capacity is 150% (100%) of the rated current, 3s for 180% of the rated current
- There are ten auxiliary frequency sources. It can implement fine tuning of auxiliary frequency and frequency synthesis
Support PM motor (SSI2000 T series)

Power range

220V / 0.25~5.5KW

380V / 0.75~250KW



Technical specification

Standard functions	Item	specification
	Control mode	V/F (Voltage/Frequency) control Senseless flux vector control (VC)
	Maximum frequency	Vector control:0-300Hz;V/F control:0-3200Hz
	Carrier frequency	1.0-16.0kHz;The carrier frequency is automatically adjusted based on the load features.
	Input frequency resolution	Digital setting:0.01Hz Analog setting:0.025% of maximum frequency
	Startup torque	G type: 0.5Hz/150%(VC) P type: 0.5Hz/100%(VC)
	Speed range / stability accuracy	1:100 (VC)±0.2% (VC)
	Torque control accuracy	±20%
	Overload capacity	G type:60s for 150% of the rated current,3s for 180% of the rated current.
	Torque boost	Auto boost Customized boost 0.1%-30.0%
	V/F curve	Line V/F curve Multi-point V/F curve N-power V/F curve(1.2-power,1.4-power,1.6-power,1.8-power, square)

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