FD422S-LA-000

- Input Voltage Range From 176-253VAC
- Rated Current is (RMS) 4A
- 200-750 Watt Power Range
- Position, Speed. and Torque Control
- RS232 & RS485 (LA) or RS232 & CAN BUS (AA/CA)
- Communication Protocol: MODBUS
- Requires 2500PPR Encoder Input
- Communication Software:
    - Configure Parameters
    - I/O Signal Monitoring
    - Speed and Position Curves
    - Gain Adjustments
- Programmable Inputs and Outputs:
    - 7 Inputs / 4 Outputs
- 2 Analog Inputs
- CAN BUS Port and CANopen Optional
- CE Certified

Rating: Not Rated Yet
Price
Sales price without tax 375,00 €

Ask a question about this product

ManufacturerMaker: Kinco

Description

Technical Specifications		
Model Parameter		**FD422-LA-000 Series**
Power	**Main Supply Voltage**	Single-Phase AC 220V -20/+15% 47~63Hz
	Control Circuit Voltage	18VDC~30 VDC 1A
Current	**Rated Current (RMS)**	4A

	Peak Current (PEAK)	15A
Feedback Signal		2500PPR (Incremental Encoder with 5V Supply)
Brake Chopper		Use an External Braking Resistor According to Application, Mainly in Occasion of Quick Stop.
Brake Chopper Threshold		DC380V ± 5V
Over-Voltage Alarming Threshold		DC400V ± 5V
Under-Voltage Alarming Threshold		DC200V ± 5V
Cooling Method		Natural Air Cooling
Weight		1.2 Kg
Digital Input	**Input Specification**	7 Digital Inputs, with COM1 Terminal for PNP (High Level Valid 12.5-30V) or NPN (Low Level Valid) connection.
	Input Function	Define Freely According to Requirement, Supporting Following Functions: Driver Enable, Driver Fault Reset, Driver Mode Control, Proportional Control, Positive Limit, Negative Limit, Homing Signal, Reverse Command, Internal Speed Section Control, Internal Positive

		Section Control, Quick Stop, Start Homing, Active Command, Switch Electronic Gear Ratio, Switch Gain.
Digital Output	**Output Specification**	5 Digital outputs, OUT1~OUT4 Current is 100mA, BR+/BR- (Brake Control Output) Current is 500mA, Can Drive Brake Device Directly.
	Output Function	Define Freely According to Requirement, Supporting Following Functions: Driver Ready, Driver Fault, Positon Reached, Motor at Zero Speed, Motor Brake, Motor Speed Reached, Z Signal, Maximum Speed Obtained in Torque Mode, Motor Brake, Position Limiting, Reference Found, Multi-Position Reached
	Analog Input	2 Analog input, can be used to control speed and Torque, the

		input range is -10V~10V
	Encoder Signal Output	Output the Encoder Signal of Motor, Used in Multiple Axis Synchronous Control, Supports 2MHz at Most
	RS232	The Max. Baudrates 115.2KHz, Use JD-PC Software to communicate with PC, or Via Free Protocol to communicate with Controller.
	Protection Functions	Over-Voltage Protection, Under-Voltage Protection, Motor Over-Heat Protection (I^2T), Short-Circuit Protection, Drive Over-Heat Protection, Etc.
RS485		The max. baudrate is 115.2 KHz, use Modbus RTU protocol to communicate with controller.
CAN BUS		The max baudrate is 1 MHz, Communicates with Controller via CANopen Protocol

FD422S-LA-000 Series Kinco Spec Sheet

FD422S-LA-000 Servo User Manual