

MODEL

A500 Model	I/O	Output Type	Pulse Counter	E-CAM	Pulse Output	RS485	Expansion Card	Module	Power Supply	Ethernet	EtherCAT	EtherCAT Axis
A520-0808N-D	08/08	Transistor	4	YES	6	1	2	YES	DC	2	YES	0
A521-0808N-D	08/08	Transistor	4	YES	6	1	2	YES	DC	2	YES	8
A522-0808N-D	08/08	Transistor	4	YES	6	1	2	YES	DC	2	YES	16
A523-0808N-D	08/08	Transistor	4	YES	6	1	2	YES	DC	2	YES	32

GENERAL

Item	A500-0808N-D
Program Execution	Cycle scan / Interrupt
Programming Language	LD/SFC/ST
Total Instructions	Basic instruction: 29 / Application instruction: 170
Execute Time	Basic instruction 0.01 to 0.02μs
Program Capacity	5MB
Download / Monitoring	EtherNet USB Type-C
High Speed Pulse Output	Transistor type 6*200KHz
High Speed Counter Interrupt	100 channels
Timer Interrupt	100 channels, supporting 0.1ms interrupt
External Input Interrupt	X0 to X7 support both rising and falling edge
High Speed Input Single	4*150KHz
High Speed Input AB Phase	4*150KHz, supports 1/2/4 times frequency
Power-down Save	Configured by software
Storage	Flash
Filter	For all the input terminals
Serial Port	1 channels RS485
Temperature	Working Temperature: 0 to 55℃ / Storage Temperature: -20 to 70℃
Humidity	35 to 85%RH (Without condensation)
Shock Resistance	JISC0040 Standard
Anti-interference	IEC61000-4-4 and GB/T 17626.4 standard: Noise voltage amplitude 1KVP-P, 10 μs pulse width, period 0.3 s, edge time 5ns Continuous action for 1min.
TF Card	Optional
Ethernet	Gigabit Ethernet
EtherCAT	Support up to 32 servo axis



SPECIFICATION

