

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 0.02 μ s |
| 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 $^{\circ}$ C / Storage Temperature: -20 to 70 $^{\circ}$ C |
| 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 μ s 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

