

Central Processing Units

Distributed Control System

A-51x Series

OVERVIEW

- ※ Creation of control programs in Function Block Diagram (FBD) or Ladder Diagram (LAD)
- ※ 4-Axis Synchronous Motion, 50 KHz PWM (Total 200KHz)
- ※ Able To Edit The Parameter Among The Controller Operation
- ※ Multiple AUTO-PI Synchronous Function
- ※ Multi-Lingual Display Menu
- ※ Enhance Password & Safety Function
- ※ Text Display Can Be Pre-Programmed in Two Languages
- ※ Built-in Standard High Frequency Counter (15KHz per Input, Total 60KHz)
- ※ Built-in Standard Real Time Clock (RTC)
- ※ PC Program Can be Used For All A-61/52/62 Series
- ※ ATP2 Text Panel Can Plug & Play Directly
- ※ Built-in Standard RS-485 Port, Connect More Than 10000 IOs Via Remote IO Module
- ※ Memory Card Which Has Copy & Password Protection
- ※ Connect Encoder & Multi-Sensors Directly
- ※ Built-in Step Motor Driver, Connect Directly
- ※ Built-in Datalog Function, MicroSD Plug-in
- ※ Display Text Display Diversity Patterns, Scrolling Text, Bar Charts, Indicators
- ※ 104 FBD Integrated Functions, 97 LD Integrated Functions
- ※ Astronomical Clock Function
- ※ ATP2 Text Panel Built-in Function Key
- ※ Digital Oscilloscope Function, Real-Time Monitoring
- ※ High-Level Math Functions
- ※ Communication Protocol MODBUS RTU/ASCII & Multi Format
- ※ Block Name Define, Program Comment
- ※ Communication Baud Rate 921600 bps
- ※ Custom Truth Table, Without Logical Analysis
- ※ Multi Communication Parameter Function
- ※ Quick Calculation Of Nonlinear Equations
- ※ Random Generator Hardware
- ※ Free PC software "Yotta Edit" + "Yotta Utility"



For more information, please refer to www.yottacontrol.com

| Type | 5188D 5188 5188M | 5188D-T 5188-T 5188M-T | 5189D 5189 5189M | 5189D-T 5189-T 5189M-T |
|----------------------------|---|--|---|---|
| Operation Voltage | 10-30 V DC | 10-30 V DC | 10-30 V DC | 10-30 V DC |
| Inputs | 8DI status low:<2VDC status high:>4VDC | 8DI status low:<2VDC status high:>4VDC | 4DI (Isolation) 4AI status low:<2VDC status high:>4VDC | 4DI (Isolation) 4AI status low:<2VDC status high:>4VDC |
| Outputs | 4*Isolation(Relay) | 4*Isolation(Transistor) | 4*Isolation(Relay) | 4*Isolation(Transistor) |
| Continuous Current | Relay:5A (with resistive load), 2 A (with inductive load) / Transistor:1A | | | |
| Output Operating Frequency | Relay:30HZ / Transistor:50KHZ | | | |
| Input Operating Frequency | 15KHZ(Total 60KHZ) | | | |
| RTC/ Hold During Power Off | Yes | | | |
| Operation Temperature | -20 to +75 °C | | | |
| Communication Ports | USB*1 & RS-485*2 & RS-232*1 | | | |
| Communication Baud Rate | 1200-921600bps | | | |
| Degree Of Protection | IP20 | | | |
| Base Controller IOs | 12 IOs, | | | |
| Installation | 35 mm DIN rail or Flush mounting | | | |
| Dimension (W x H x D mm) | 76.4*118.2*40.7 mm | | | |
| Communication Cable | CAB-MINIUSB60 or RS-485 or RS-232 | | | |

*D-x = LCM Type / *M = MicroSD Type

Ordering Information

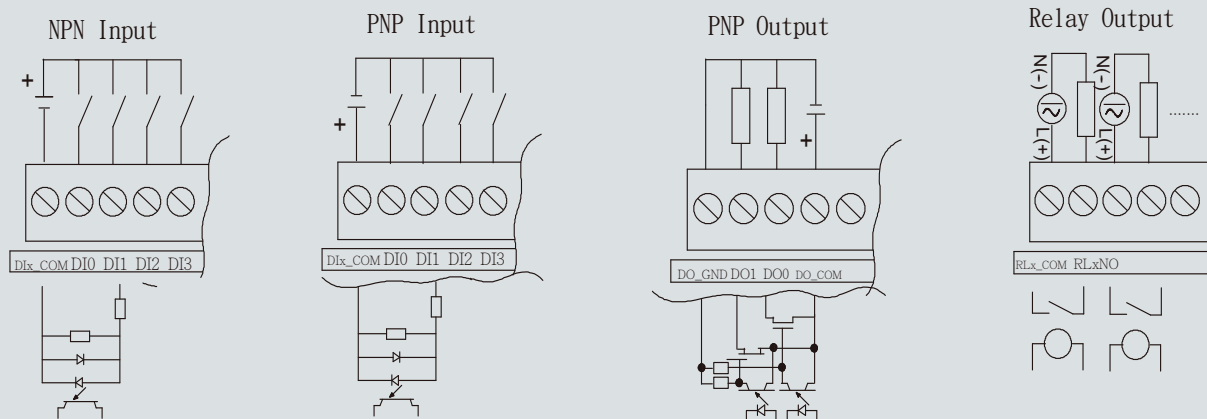
Yottacontrol A-51x

| CPU | | Code |
|----------------------|---|------------------|
| 5188D | Display CPU , LCM , DC Power Supply , 8DI/4DO , RELAY Output , RS-232*1 , RS-485*2 , USB2. 0*1 | A-5188D |
| 5188 | Standard CPU , LED indicator , DC Power Supply , 8DI/4DO , RELAY Output , RS-232*1 , RS-485*2 , USB2. 0*1 | A-5188 |
| 5188M | Micro-SD CPU , LED indicator , DC Power Supply , 8DI/4DO , RELAY Output , RS-232*1 , RS-485*2 , USB2. 0*1 , Micro-SD *1 | A-5188M |
| 5188D-T | Display CPU , LCM , DC Power Supply , 8DI/4DO , Ttansistors Output , RS-232*1 , RS-485*2 , USB2. 0*1 | A-5188D-T |
| 5188-T | Standard CPU , LED indicator , DC Power Supply , 8DI/4DO , Ttansistors Output , RS-232*1 , RS-485*2 , USB2. 0*1 | A-5188-T |
| 5188M-T | Micro-SD CPU , LED indicator , DC Power Supply , 8DI/4DO , Ttansistors Output , RS-232*1 , RS-485*2 , USB2. 0*1 , Micro-SD *1 | A-5188M-T |
| 5189D | Display CPU , LCM , DC Power Supply , 4DI/4AI/4DO , RELAY Output , RS-232*1 , RS-485*2 , USB2. 0*1 | A-5189D |
| 5189 | Standard CPU , LED indicator , DC Power Supply , 4DI/4AI/4DO , RELAY Output , RS-232*1 , RS-485*2 , USB2. 0*1 | A-5189 |
| 5189M | Micro-SD CPU , LED indicator , DC Power Supply , 4DI/4AI/4DO , RELAY Output , RS-232*1 , RS-485*2 , USB2. 0*1 , Micro-SD *1 | A-5189M |
| 5189D-T | Display CPU , LCM , DC Power Supply , 4DI/4AI/4DO , Ttansistors Output , RS-232*1 , RS-485*2 , USB2. 0*1 | A-5189D-T |
| 5189-T | Standard CPU , LED indicator , DC Power Supply , 4DI/4AI/4DO , Ttansistors Output , RS-232*1 , RS-485*2 , USB2. 0*1 | A-5189-T |
| 6189M-T | Micro-SD CPU , LED indicator , DC Power Supply , 4DI/4AI/4DO , Ttansistors Output , RS-232*1 , RS-485*2 , USB2. 0*1 , Micro-SD *1 | A-5189M-T |
| Remote Modules | | |
| 1057 | DO Remote Modules , LED indicator , DC Power Supply , 12DO , Source Output , RS-485*1 | A-1057 |
| 1058 | DO Remote Modules , LED indicator , DC Power Supply , 12DO , Sink Output , RS-485*1 | A-1058 |
| 1068 | DO Remote Modules , LED indicator , DC Power Supply , 8DO , Signal Relay Output , RS-485*1 | A-1068 |
| 1069 | DO Remote Modules , LED indicator , DC Power Supply , 8DO , Power Relay Output , RS-485*1 | A-1069 |
| 1051 | DI Remote Modules , LED indicator , DC Power Supply , 16DI , RS-485*1 | A-1051 |
| 1055 | DIO Remote Modules , LED indicator , DC Power Supply , 8DI/8DO , Sink Output , RS-485*1 | A-1055 |
| 1055S | DIO Remote Modules , LED indicator , DC Power Supply , 8DI/8DO , Source Output , RS-485*1 | A-1055S |
| 1060 | DIO Remote Modules , LED indicator , DC Power Supply , 8DI/4DO , Power Relay Output , RS-485*1 | A-1060 |
| 3016 | Radio DIO Remote Modules , LED indicator , DC Power Supply , 6DI/7DO , Sink Output , RS-485*1 | A-3016 |
| 1010 | ADIO Remote Modules , LED indicator , DC Power Supply , 8AI(0-10V) , 2AO(0-10V) , 4DO(Sink Output) , RS-485*1 | A-1010 |
| 1011 | AIO Remote Modules , LED indicator , DC Power Supply , 7AI(Sensor) , 2AO(0-20mA) , RS-485*1 | A-1011 |
| 1012 | ADIO Remote Modules , LED indicator , DC Power Supply , 4AI(Sensor) , 2AO(0-20mA) , 2DI , 2DO(Source Output) , RS-485*1 | A-1012 |
| Text Panel | | |
| ATP2 | 4.3" STN LCM , DC Power Supply , RS-485*1 | ATP2 |
| Accessories | | |
| ASPS | Power Supply , 24V/2A | ASPS |
| AMB128 | Program Memory Cards | AMB128 |
| CAB-MINIUSB60 | Communication lines | CAB-MINIUSB60 |
| Micro-SD-4GB | Data Storage Card | Micro-SD-4GB |
| Software | | |
| Yotta Editor | Edit Software | Yotta Editor |
| Yotta Utility | Monitoring and Database Software | Yotta Utility |
| AMB128 Driver | AMB128 PC Driver | DR-AMB128 |
| CAB-MINIUSB60 Driver | CAB-MINIUSB60 PC Driver | DR-CAB-MINIUSB60 |

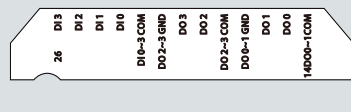
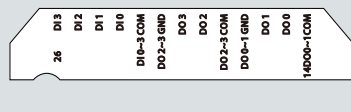
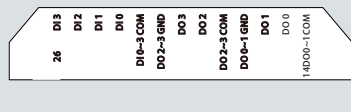
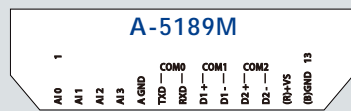
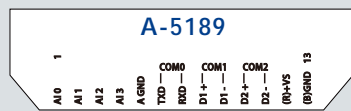
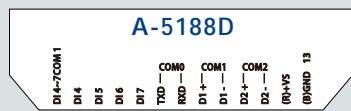
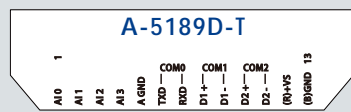
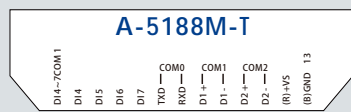
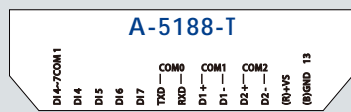
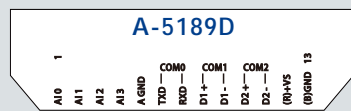
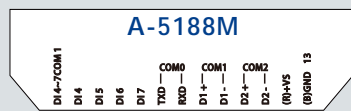
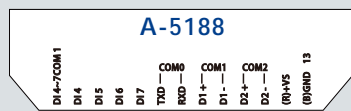
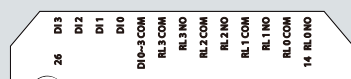
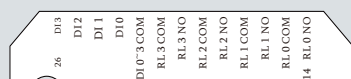
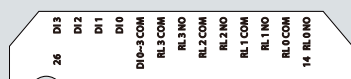
Wiring Diagrams & Pin Out

DCS & Remote Modules

A-51x Series



更多資訊請參考
www.yottacontrol.com



Dimension

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DCS

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