

Central Processing Units Programmable Logic Controller

A-61x 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 (20KHz per Input, Total 80KHz)
- ※ Built-in Standard Real Time Clock (RTC)
- ※ PC Program Can be Used For All Yottacontrol A-51/52/62 Series
- ※ ATP2 Text Panel Can Plug & Play Directly
- ※ Built-in Standard RS-485 Port, Connect More Than 1000 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	6188D-D 6188-D 6188M-D	6188DT-D 6188T-D 6188MT-D	6188D-A 6188-A 6188M-A	6189D-D 6189-D 6189M-D	6189DT-D 6189T-D 6189MT-D
Operation Voltage	10-30 V DC	10-30 V DC	100/240 V AC	10-30 V DC	10-30 V DC
Inputs	8DI status low:<5VDC status high:>8.5VDC	8DI status low:<5VDC status high:>8.5VDC	8DI status low:<40VAC status high:>79VAC	4DI/4AI(0-10VDC) status low:<5VDC status high:>8.5VDC	4DI/4AI(0-10VDC) status low:<5VDC status high:>8.5VDC
Outputs	4*Isolation(Relay)	4*Isolation(Transistor)	4*Isolation(Relay)	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	20KHZ(Total 80KHZ)				
RTC/ Hold During Power Off	Yes				
Operation Temperature	-10 to +55 °C				
Communication Ports	USB*1 & RS-485*1				
Communication Baud Rate	1200-921600bps				
Degree Of Protection	IP20				
Base Controller IOs	12 IOs, Up To 7 Extend IO Modules (128 IOs)				
Input Isolation	Yes				
Program Capacity	1024 FBD				
Dimension(W x H x D mm)	73*90*60.3 mm				

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

Ordering Information

Yottacontrol A-61x

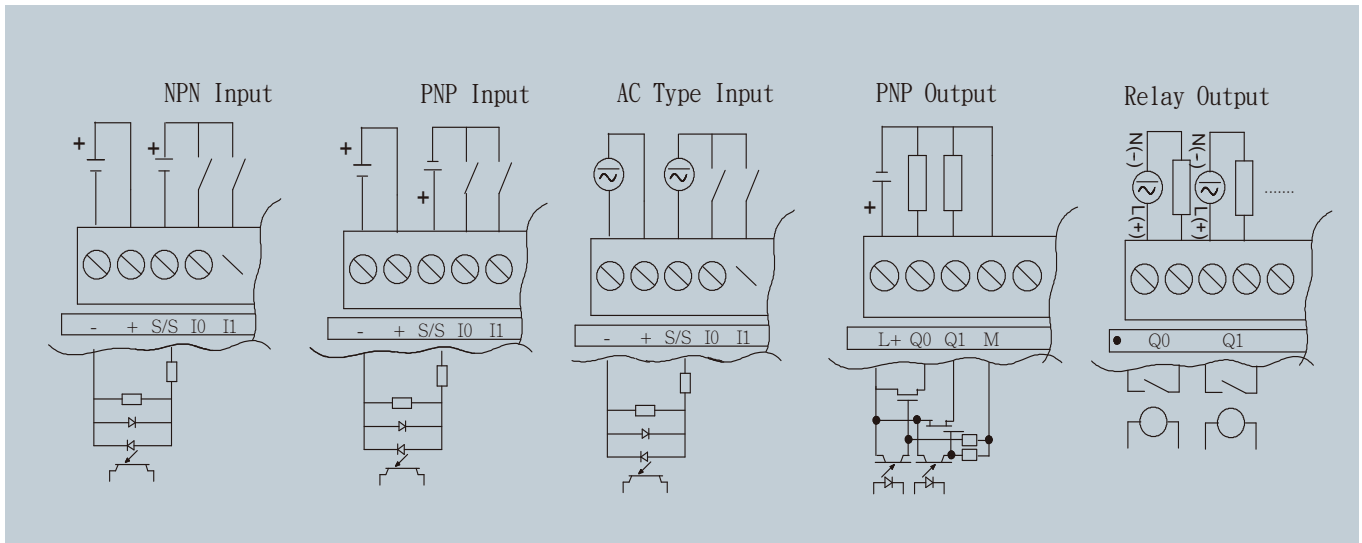
CPU		Code
6188D-D	Display CPU , LCM , DC Power Supply , 8DI/4DO , RELAY Output , RS-485*1 , USB2. 0*1	A-6188D-D
6188-D	Standard CPU , LED indicator , DC Power Supply , 8DI/4DO , RELAY Output , RS-485*1 , USB2. 0*1	A-6188-D
6188M-D	Micro-SD CPU , LED indicator , DC Power Supply , 8DI/4DO , RELAY Output , RS-485*1 , USB2. 0*1 , Micro-SD *1	A-6188M-D
6188DT-D	Display CPU , LCM , DC Power Supply , 8DI/4DO , Ttansistors Output , RS-485*1 , USB2. 0*1	A-6188DT-D
6188T-D	Standard CPU , LED indicator , DC Power Supply , 8DI/4DO , Ttansistors Output , RS-485*1 , USB2. 0*1	A-6188T-D
6188MT-D	Micro-SD CPU , LED indicator , DC Power Supply , 8DI/4DO , Ttansistors Output , RS-485*1 , USB2. 0*1 , Micro-SD *1	A-6188MT-D
6188D-A	Display CPU , LCM , AC Power Supply , 8DI/4DO , RELAY Output , RS-485*1 , USB2. 0*1	A-6188D-A
6188-A	Standard CPU , LED indicator , AC Power Supply , 8DI/4DO , RELAY Output , RS-485*1 , USB2. 0*1	A-6188-A
6188M-A	Micro-SD CPU , LED indicator , AC Power Supply , 8DI/4DO , RELAY Output , RS-485*1 , USB2. 0*1 , Micro-SD *1	A-6188M-A
6189D-D	Display CPU , LCM , DC Power Supply , 4DI/4AI/4DO , RELAY Output , RS-485*1 , USB2. 0*1	A-6189D-D
6189-D	Standard CPU , LED indicator , DC Power Supply , 4DI/4AI/4DO , RELAY Output , RS-485*1 , USB2. 0*1	A-6189-D
6189M-D	Micro-SD CPU , LED indicator , DC Power Supply , 4DI/4AI/4DO , RELAY Output , RS-485*1 , USB2. 0*1 , Micro-SD *1	A-6189M-D
6189DT-D	Display CPU , LCM , DC Power Supply , 4DI/4AI/4DO , Ttansistors Output , RS-485*1 , USB2. 0*1	A-6189DT-D
6189T-D	Standard CPU , LED indicator , DC Power Supply , 4DI/4AI/4DO , Ttansistors Output , RS-485*1 , USB2. 0*1	A-6189T-D
6189MT-D	Micro-SD CPU , LED indicator , DC Power Supply , 4DI/4AI/4DO , Ttansistors Output , RS-485*1 , USB2. 0*1 , Micro-SD *1	A-6189MT-D
Extended Modules		
2060-D	DIO Extended Modules , LED indicator , DC Power Supply , 8DI/4DO , RELAY Output	A-2060-D
2060T-D	DIO Extended Modules , LED indicator , DC Power Supply , 8DI/4DO , Ttansistors Output	A-2060T-D
2060-A	DIO Extended Modules , LED indicator , AC Power Supply , 8DI/4DO , RELAY Output	A-2060-A
2010-D	ADIO Extended Modules , DC Power Supply , 8AI(0-10V)/4DO/2AO(0-10V) , Ttansistors Output	A-2010-D
2012-D	ADIO Extended Modules , DC Power Supply , 4AI(PT-100*2 + SENSOR*2)/2DO/2AO(0-20mA) , Ttansistors Output	A-2012-D
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-60USB	Communication lines	CAB-60USB
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-60USB Driver	CAB-60USB PC Driver	DR-CAB-60USB

Wiring Diagrams & Pin Out

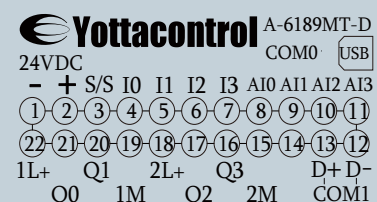
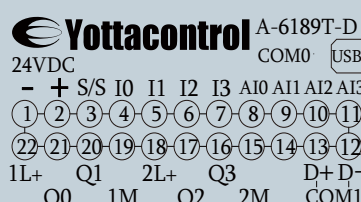
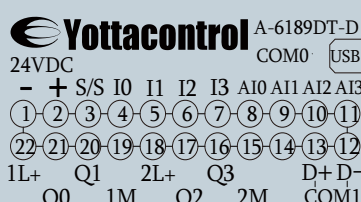
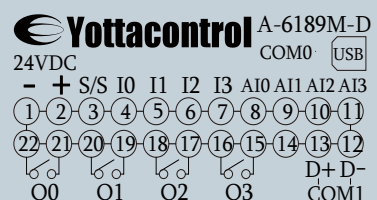
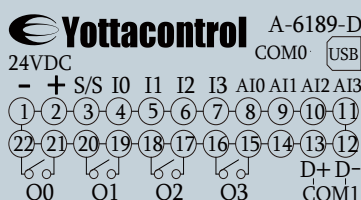
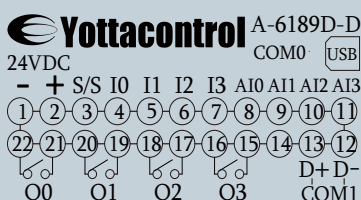
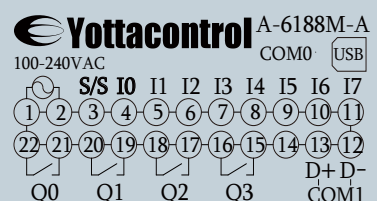
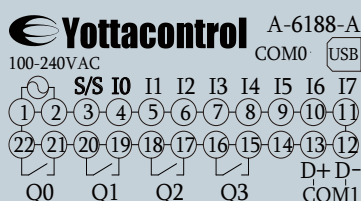
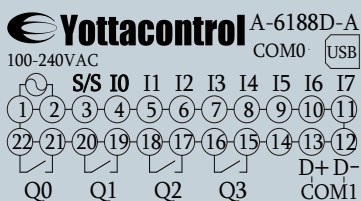
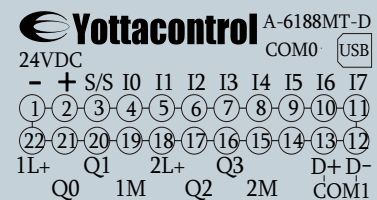
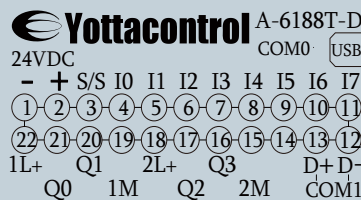
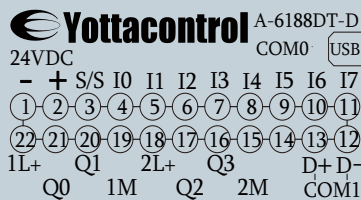
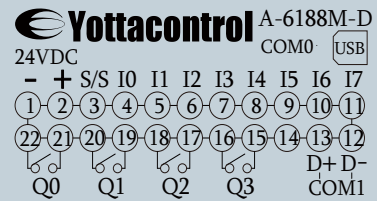
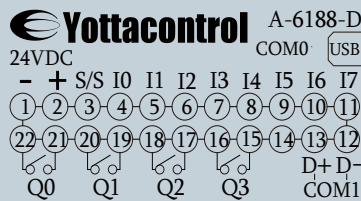
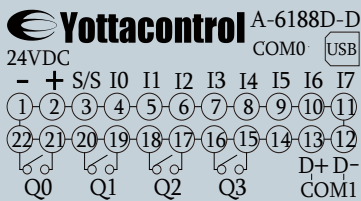
Programmable Logic Controller & Extension Modules

A-61x/A-20x Series

Wiring Diagrams



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Dimension

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