

Programmable Logic Controller

A2 Series

Overview



- ▲ FBD + LD System
- ▲ Support Start-up Screen (108*64)
- ▲ Multiple communication port
- ▲ Password protection, copy protection
- ▲ 36 integrated function, pre-tested functions
- ▲ Linking of 1024 function block is possible
- ▲ Display of message texts, adjust program parameter
- ▲ Integrated data latch
- ▲ Flexibly expandable up to 4000 points
- ▲ Support full Modbus protocol
- ▲ Free PC software“Yotta Edit”+“Yotta Utility”

Technical specifications

Type	Main			Extension		Text Panel
	A-2188-D	A-2188-A	A-2189-D	A-2060-D	A-2060-A	ATP
	A-2188D-D	A-2188D-A	A-2189D-D			
Inputs	8	8	4	8	8	Yes
Analog inputs	--		4(10-bit)	--		
Supply Voltage	10~30VDC	100/240VAC	10~30VDC	10~30VDC	100/240VAC	
Outputs	4					
Continuous current	Relay : 5 A for resistive load, 2 A for inductive load					
Real-time Clock/reserve power	Yes / > 2 years					
Operation temperature	-10°C to +55 °C					
Storage temperature	-20 °C to +70 °C					
Linking of functions	1024(Max)					
Input Operating frequency	20000HZ(Total 80000HZ)				4HZ	
Communication Port	USB*1 & RS-485*1					
Display/LED	Yes					
Degree of protection	IP 20					
Main I/O Points	12 points,support 7 units AIO/DIO extension modules					
Password Protection	Multiple password protection					
Communication Protocol	Master:MODBUS ASCII/RTU\Slave:MODBUS ASCII/RTU					
Communication Baud Rate	1200~115200bps					
Digital Input signal status	AC Supply TYPE status low: < 40VAC ; status high: >79VAC DC Supply TYPE status low: < 5VDC ; status high: > 8.5VDC					
Digital Isolation	Yes					
Analog Input Type	--			0~10VDC	--	

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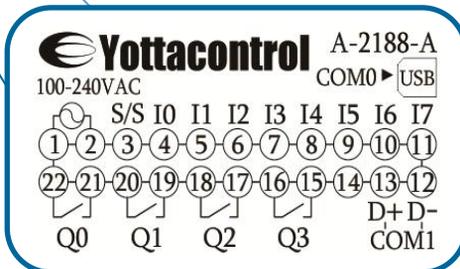
A2 Series

Technical specifications

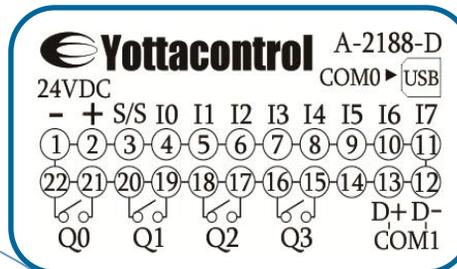
A-2188D-D	Supply Voltage:10~30VDC,8DI,4DO(Relay),108*64 LCM
A-2188-D	Supply Voltage:10~30VDC,8DI,4DO(Relay),I/O LED indicator
A-2188D-A	Supply Voltage:100/240VAC,8DI,4DO(Relay),108*64 LCM
A-2188-A	Supply Voltage:100/240VAC,8DI,4DO(Relay),I/O LED indicator
A-2189D-D	Supply Voltage:10~30VDC,8DI,4DO(Relay),4AI(0~10VDC),108*64 LCM
A-2189-D	Supply Voltage:10~30VDC,8DI,4DO(Relay),4AI(0~10VDC),I/O LED indicator
A-2060-D	Supply Voltage:10~30VDC,8DI,4DO(Relay),I/O LED indicator
A-2060-A	Supply Voltage:100/240VAC,8DI,4DO(Relay),I/O LED indicator
CAB-60USB	Communication Cable
AMB64/AMB128	Memory Card
ATP	Text Panel

Pin Out

Main
A-2188-A



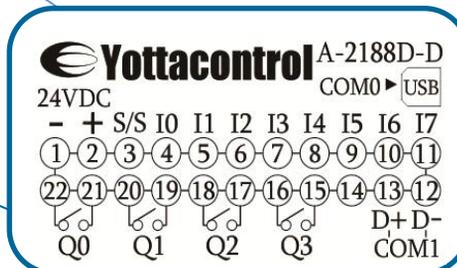
Main
A-2188-D



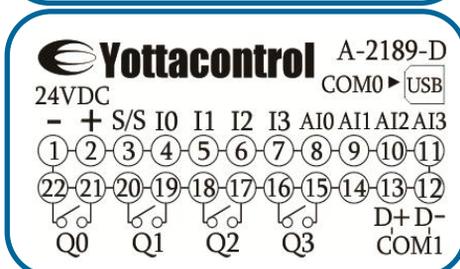
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A-2188D-A



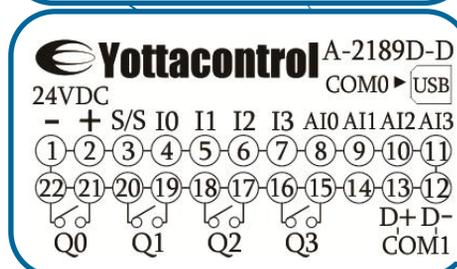
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A-2188D-D



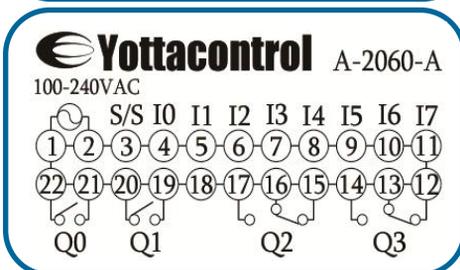
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A-2189-D



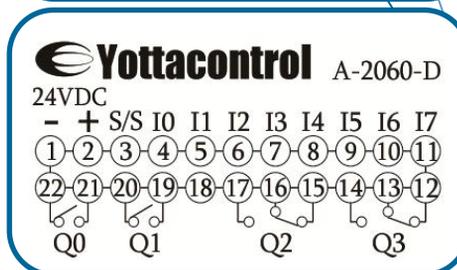
Main
A-2189D-D



Extension
A-2060-A



Extension
A-2060-D

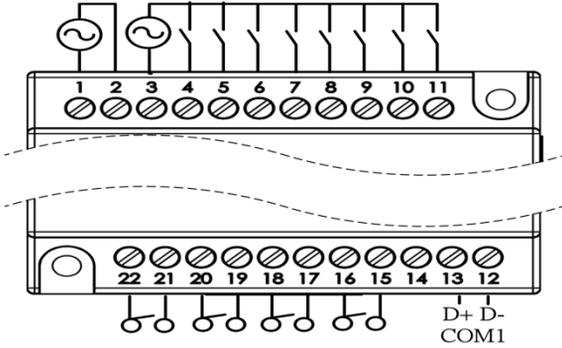


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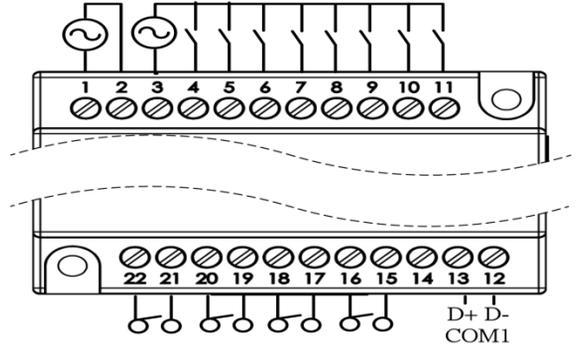
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Wiring Diagrams

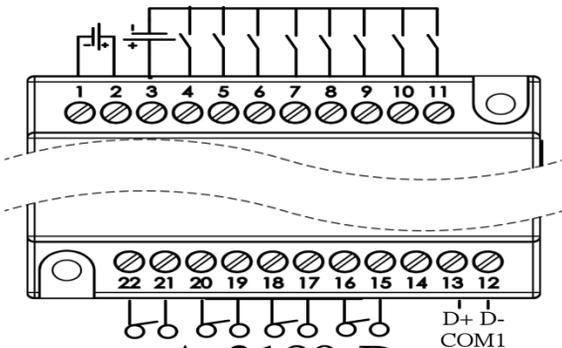
A-2188-A



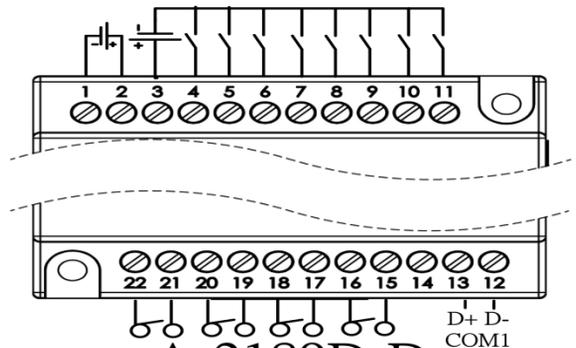
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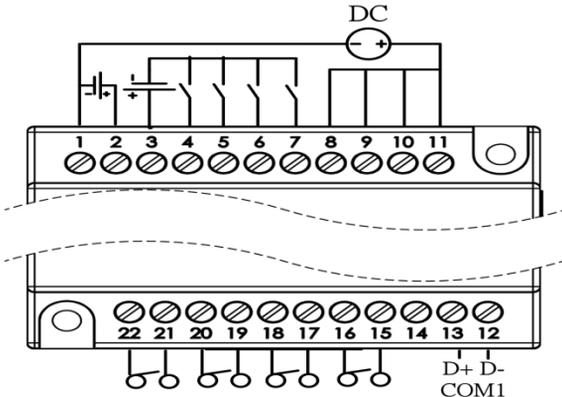
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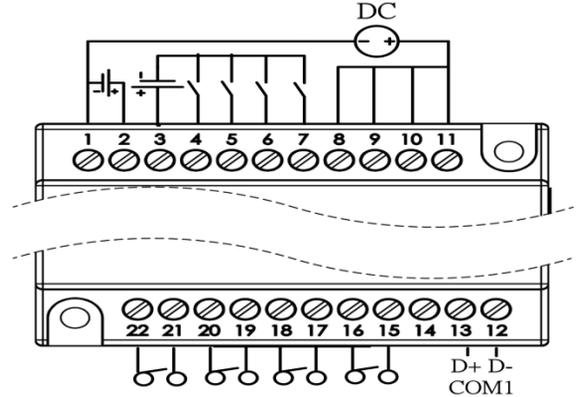
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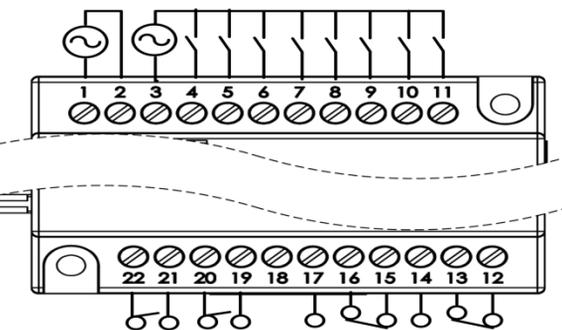
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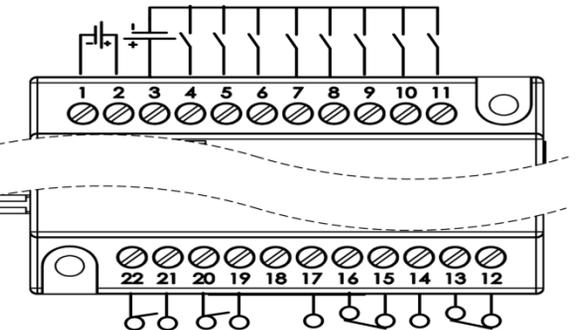
A-2189D-D



A-2060-A



A-2060-D



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FUNCTION DIAGRAM

