



L2000 Programmable Logic Controller

I/O Specifications

Analog Inputs

Resolution: 12-bit
Type: Differential or Single Ended
Modes: 4-20 mA Current Mode or 1-5V Voltage Mode
Accuracy: +/- 0.01%
Linearity: +/- 0.01%
Input Impedance: >4M ohm in voltage mode
Common Mode Voltage: 96V
Internal Sample Rate: 10us
Overcurrent Protection: Replaceable Fuse - onboard spare

Analog Outputs

Resolution: 12-bit
Type: Differential
Modes: 4-20 mA Current Mode or 1-5V Voltage Mode
Accuracy: +/- 0.01%
Linearity: +/- 0.01%
Overload Protection: Replaceable Fuse - onboard spare
Maximum Loop Impedance: 1k ohm @ 24V
Optical interface available

Digital Inputs

Type: Opto Isolated
Isolation Voltage: 7500V
Input Sense: Dry Contact on DC inputs
120VAC on AC inputs

Digital Outputs

Type: Dry Contact, Double Break 20A, Socketed
Current Rating:

30 VDC	10A Resistive Load	7A Inductive Load
120 VAC	10A Resistive Load	7A Inductive Load
240 VAC	10A Resistive Load	7A Inductive Load

Horse Power Rating:
120 VAC 1/6 Horse Power
240 VAC 1/3 Horse Power
Operator/Release Time: 20MS Maximum
Life Expectancy:

- Mechanical: 50,000,000 Operations or More
- Electrical: 5000,000 Operations or More

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