

MicroLogix™1200

Product Enhancements

Product Profile

The MicroLogix 1200 is now more powerful and flexible than ever. This family of small, cost-effective micro-controllers can now expand up to 136 I/O. With the addition DC powered controllers and six new discrete and analog I/O modules, you have the power and flexibility to solve even more applications.

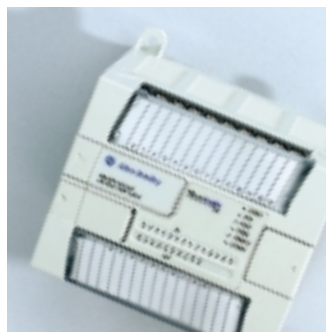
The DC powered controllers provide a 20 kHz PTO (Pulse Train Output) or PWM (Pulse Width Modulated) output for inexpensive stepper or servo motor control.

We've also added full ASCII (read/write) capability to all MicroLogix 1200 (Series B) controllers. So now you can initiate modem control as well as communicate to bar code readers, printers, and weigh scales. No more trading off between product size and functionality, the MicroLogix 1200 is packed with an abundance of features designed to accommodate a broad range of applications. With the MicroLogix 1200 family, you definitely have the ideal

combination of functionality and compact size. So, when you're looking for a small, feature-rich, flexible and cost-effective control solution, the MicroLogix 1200 is your answer.

Key Features and Benefits:

- 24 pt. and 40 pt. DC powered controllers
- High speed I/O:
20 kHz HSC, 20 kHz PTO/PWM output
- Expansion to 136 I/O for greater application flexibility
- Six new discrete and analog expansion I/O modules to solve even more applications
- Full ASCII (read/write) capability
- Large non-volatile 6K memory
- Several communication options to solve applications from peer-to-peer to Device level to SCADA/RTU
- Real time clock and memory modules
- Compatibility with MicroLogix and SLC 500 instruction set and RSLogix 500 software



MicroLogix 1200 Controllers

Catalog Number	Description	Input Power	Inputs	Outputs
1762-L24AWA		120/240V ac	(14) 120V ac	(10) relay
1762-L24BWA		120/240V ac	(10) 24V dc (4) fast 24V dc	(10) relay
1762-L24BXB		24V dc	(10) 24V dc (4) fast 24V dc	(5) relay, (4) 24V dc FET (1) high-speed 24V dc FET
1762-L40AWA		120/240V ac	(24) 120V ac	(16) relay
1762-L40BWA		120/240V ac	(20) 24V dc (4) fast 24V dc	(16) relay
1762-L40BXB		24V dc	(20) 24V dc (4) fast 24V dc	(8) relay, (7) 24V dc FET (1) high-speed 24V dc FET

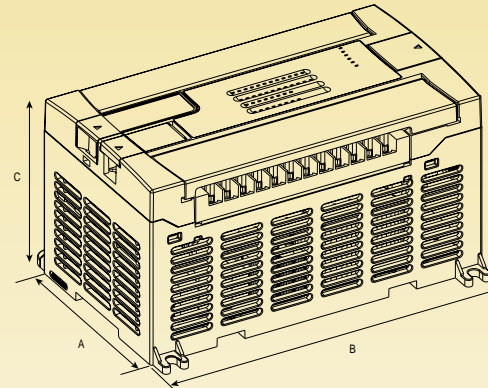
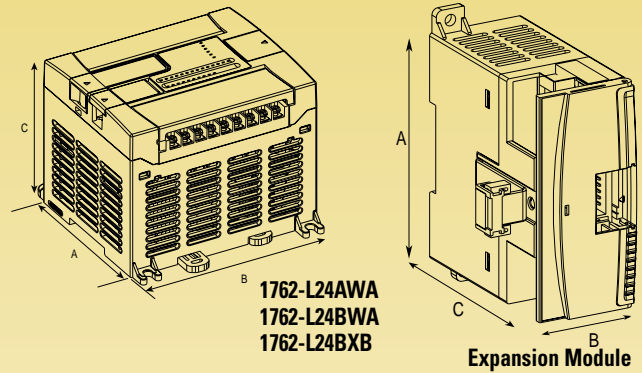
1762 Expansion I/O

Catalog Number	Descriptions
1762-IA8	8-Point 120V ac Input
1762-IQ8	8-Point Sink/Source 24V dc Input
1762-IQ16	16-Point Sink/Source 24V dc Input
1762-OA8	8-Point AC Triac Output
1762-OB8	8-Point Sourcing 24V dc Output
1762-OB16	16-Point Sourcing 24V dc Output
1762-OW8	8-Point AC/DC Relay Output
1762-OW16	16-Point AC/DC Relay Output
1762-IF2OF2	2-Channel Analog Voltage/Current Input 2-Channel Analog Voltage/Current Output
1762-IF4	4-Channel Analog Voltage/Current Input

Accessories

Catalog Number	Descriptions
1762-MM1	Memory Module only
1762-RTC	Real-Time Clock only
1762-MM1RTC	Memory Module and Real-Time Clock

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Controller Dimensions

Dimension	1762-L24AWA, 1762-L24BWA, 1762-L24BXB
A	90 mm (3.5 in.)
B	110 mm (4.33 in.)
C	87 mm (3.43 in.)

Dimension	1762-L40AWA, 1762-L40BWA, 1762-L40BXB
A	90 mm (3.5 in.)
B	160 mm (6.30 in.)
C	87 mm (3.43 in.)

Dimension Expansion I/O Module

Dimension	Expansion I/O Module
A	90 mm (3.5 in.)
B	40 mm (1.57 in.)
C	87 mm (3.43 in.)

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