



Allen-Bradley

Product Profile

MicroLogix 1200R Two Port Controllers

Bulletin 1762

Allen-Bradley MicroLogix 1200R controllers have enhanced communication functionality through a new Programming / Human Machine Interface (HMI) port. This second comm port provides an inexpensive means to connect the controllers to a computer running RSLogix 500 programming software, or to connect to an HMI device (such as a PanelView display).

Benefits At A Glance

- Increased application flexibility
- Reduced system cost
- Direct connection to local HMI
- New port requires no configuration and is "respond only"; there is no messaging available on this port
- Uses same RSLogix 500 programming software

Applications

- Distributed control with local HMI and programming
- Networked controller with HMI
- Remote Terminal Unit with modem and local HMI

Features

- New Programming / Human Machine Interface (HMI) port
- Large non-volatile memory
- Expansion I/O
- Compatible instruction set and programming software
- Small footprint; 90mm x 110mm (3.5" x 4.3") for 24 I/O points
to 90mm x 160mm (3.5" x 6.3") for 40 I/O points



MicroLogix 1200R Specifications

Channel 0 functionality is the same for MicroLogix 1200 and MicroLogix 1200R controllers	
Channel 1 Programming / HMI Fixed configuration	
Baud Rate 19.2K	
Parity none	
No Hardware handshaking	
Stop Bits 1	
Note: Communication Toggle Button only applies to Channel 0 communication configuration	
24 point controllers	
1762-L24AWAR	Two port; 14 AC Inputs; 10 Relay Outputs; & AC power
1762-L24BWAR	Two port; 14 DC Inputs; 10 Relay Outputs; & AC power
1762-L24BXBR	Two port; 14 DC Inputs; 5 Relay & 5 DC Outputs; & AC power
40 point controllers	
1762-L40AWAR	Two port; 24 AC Inputs; 16 Relay Outputs; & AC power
1762-L40BWAR	Two port; 24 DC Inputs; 16 Relay Outputs; & AC power
1762-L40BXBR	Two port; 24 DC Inputs; 8 Relay & 8 DC Outputs; & AC power

Certifications

C-UL certified (under CSA C22.2 No. 142)

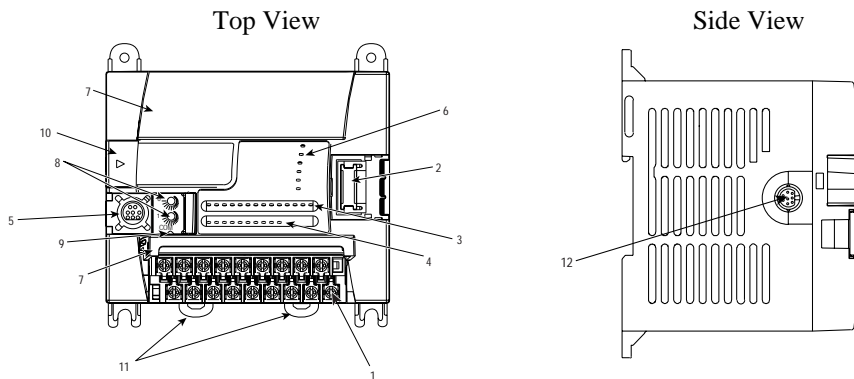
UL508 listed

CE compliant for all applicable directives

Class I, Division 2, Hazardous Location, Groups A, B, C, D (UL 1604, C-UL under CSA C22.2 No. 213)

CE / C-Tick compliant for all applicable directives/acts

The hardware features of the controllers are:



Feature	Description	Feature	Description
1	Terminal Blocks (Removable Terminal Blocks on 40-point controllers only)	7	Terminal Doors and Labels
2	Bus Connector Interface to Expansion I/O	8	Trim Pots
3	Input LEDs	9	Communications Toggle Push Button
4	Output LEDs	10	Memory Module Port Cover(1) – or- Memory Module and/or Real-Time Clock(2)
5	Communication Port/ Channel 0	11	DIN Rail Latches
6	Status LEDs	12	Programmer/HMI Port (Equipped with 1762-LxxxxR Controllers only)