

1762-L24BXBR

MicroLogix 1200 24-Point Controller

PUBLISHED IDENTITY

Allen-Bradley 1762-L24BXBR is a 24 V DC-powered MicroLogix 1200 controller with twenty-four embedded I/O points. The controller combines fourteen inputs, ten relay/FET outputs and an additional programming or HMI serial port.

Technical snapshot

Product family	MicroLogix 1200
Controller format	24-point controller
Power supply	24 V DC
Total embedded inputs	14
Standard digital inputs	10 at 24 V DC
Fast digital inputs	4 at 24 V DC
Relay outputs	5
Standard FET outputs	4 at 24 V DC

Verified related ApterPower product pages

Allen-Bradley 2711P-RN15S

Allen-Bradley 1762-L40BWA

Engineering data

Official evidence organized for exact-model review

Product family	MicroLogix 1200	Relay outputs	5
Controller format	24-point controller	Standard FET outputs	4 at 24 V DC
Power supply	24 V DC	Fast FET outputs	1 at 24 V DC
Total embedded inputs	14	Serial interfaces	Two RS-232C ports
Standard digital inputs	10 at 24 V DC	User memory	6 KB
Fast digital inputs	4 at 24 V DC	Supported protocols	DF1, DH-485, Modbus RTU and ASCII

EVIDENCE BOUNDARY

Verify the complete 1762-L24BXBR suffix and its additional programming/HMI port before treating another 24-point controller as a replacement.

Applications and system role

Four distinct documented operating contexts

STANDALONE MACHINE CONTROL

Runs the approved logic with fourteen inputs and ten embedded outputs.

MIXED-LOAD SWITCHING

Uses the documented relay and FET output arrangement for compatible field devices.

LOCAL HMI CONNECTION

Provides the additional serial interface for an approved programming or HMI link.

CONTROLLED CONTROLLER REPLACEMENT

Restores the recorded project, serial paths and I/O map after exchange.

Integration control

Preserve the validated RSLogix 500 project, serial-port assignments, I/O map and expansion order before disconnecting the controller. Reconcile the two communications interfaces and the mixed relay/FET output wiring with the cabinet record. Commissioning must confirm program integrity, both serial paths, high-speed I/O and every embedded field point.

Verified related ApterPower product pages

[ABB DSBC174 3BSE012211R1](#)

[Allen-Bradley 2711P-B15C22D9P](#)

Technical questions

Complete model-specific answers from the approved evidence set

What role does Allen-Bradley 1762-L24BXBR perform?

Allen-Bradley 1762-L24BXBR performs the documented role of a micrologix 1200 24-point controller within its approved system architecture.

How does the documentation identify total embedded inputs for 1762-L24BXBR?

Documentation identifies total embedded inputs for 1762-L24BXBR as 14.

Where does 1762-L24BXBR fit in the published system?

Within the published architecture, 1762-L24BXBR functions as the micrologix 1200 24-point controller described for the installed equipment.

When 1762-L24BXBR is replaced, what must technicians verify?

Technicians must verify the installed fast digital inputs, mating hardware, wiring and approved configuration before energization.

What published value is associated with power supply on 1762-L24BXBR?

The published power supply for 1762-L24BXBR is 24 V DC.

Which value should be checked for standard digital inputs when servicing 1762-L24BXBR?

Service personnel should check standard digital inputs against the documented value of 10 at 24 V DC.

Why must the complete 1762-L24BXBR marking be recorded?

Recording the complete marking prevents a different suffix, rating or hardware configuration from being substituted during maintenance.

Which acceptance check completes work on 1762-L24BXBR?

Commissioning is complete only after identity, wiring, diagnostics and every affected operating function have passed the approved checks.

Product precautions

Eight aligned controls before return to service

1

Record the complete 1762-L24BXBR marking and installed position.

2

Back up the RSLogix 500 project and both serial-port configurations.

3

Place the machine and controlled outputs in the approved safe state.

4

Isolate the 24 V DC supply and label every field conductor.

5

Distinguish relay terminals from standard and fast FET outputs.

6

Restore the expansion order and both documented communication paths.

7

Download the validated program and review controller diagnostics.

8

Test all twenty-four I/O points and connected HMI functions before release.

Verified related ApterPower product pages

[Allen-Bradley 2711P-B7C4D1/A](#)

[Allen-Bradley 2711P-RDK10C](#)

[Allen-Bradley 2711P-T12C4A8](#)

[Allen-Bradley 2711P-K12C4A8](#)

Evidence and support

Manufacturer references, related products and direct contact

Manufacturer evidence used

- Rockwell Automation MicroLogix 1200 Programmable Controllers user manual, publication 1762-UM001.
- Rockwell Automation exact product record for 1762-L24BXBR.
- Rockwell Automation controller selection and embedded I/O tables.

Verified related ApterPower product pages

Allen-Bradley 2711P-T10C4D1

Allen-Bradley 2711P-K10C4D8

Allen-Bradley 2711P-RDT12H

ABB DI811 3BSE008552R1

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ABB TU831V1 3BSE013235R1

ABB SR511 3BSE000863R1

ABB 07DI92

ABB 07KT92 GJR5250500R0902