

1762-L40BXB

Exact-identity installation and commissioning guide

PRODUCT SCOPE

Allen-Bradley 1762-L40BXB is a 24 V DC-powered MicroLogix 1200 controller with forty embedded I/O points. Its built-in arrangement combines twenty-four inputs with sixteen relay and FET outputs.

Verified installation basis

Product family	MicroLogix 1200
Controller format	40-point controller
Power supply	24 V DC
Total embedded inputs	24
Standard digital inputs	20 at 24 V DC
Fast digital inputs	4 at 24 V DC
Relay outputs	8

Verified related ApterPower product pages

[Allen-Bradley 2711P-RN15S](#)

[Allen-Bradley 1762-L40BWA](#)

Pre-work control

Record the installed system before any disconnection

Required checks

- Record the complete 1762-L40BXB marking and controller position.
- Back up the approved RSLogix 500 project and communication settings.
- Place the machine and all connected outputs in the safe maintenance state.
- Isolate the 24 V DC supply and identify every input, output and common.
- Verify relay and FET loads against the exact terminal assignments.
- Restore the expansion order, serial parameters and controller mode.

HOLD POINT

Confirm the exact 1762-L40BXB suffix, 24 V DC supply and mixed relay/FET output arrangement before installation.

Evidence to retain

- Complete product and installed-unit marking.
- Approved project, wiring and cabinet records.
- As-found connector, cable, address and diagnostic state.
- Acceptance plan and final results.

Verified related ApterPower product pages

ABB DSBC174 3BSE012211R1

Allen-Bradley 2711P-B15C22D9P

Installation sequence

Use the approved manufacturer procedure and site work controls

1 IDENTIFY

Record the complete 1762-L40BXB marking and controller position.

2 ISOLATE

Back up the approved RSLogix 500 project and communication settings.

3 RECORD

Place the machine and all connected outputs in the safe maintenance state.

4 VERIFY

Isolate the 24 V DC supply and identify every input, output and common.

5 INSTALL

Verify relay and FET loads against the exact terminal assignments.

6 RESTORE

Restore the expansion order, serial parameters and controller mode.

CONFIGURATION CONTROL

Back up the RSLogix 500 project and record the operating mode, serial settings, I/O map and expansion order before replacement. The 24 V DC supply, input commons and mixed relay/FET output wiring must be reconciled against the cabinet drawings. After downloading the approved program, validate controller status, communications, high-speed functions and all forty embedded I/O points.

Verified related ApterPower product pages

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

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

Commissioning and acceptance

Return each affected function to its approved state

Identity	Record the complete 1762-L40BXB marking and controller position.
Configuration	Restore the expansion order, serial parameters and controller mode.
Physical installation	Download the validated program and check controller diagnostics.
Functional acceptance	Test all embedded I/O and high-speed functions before release.
Diagnostics	Confirm that no unexplained product, communication or system diagnostic remains.
Release record	Document the final configuration, observed states, test results and responsible technician.

Verified related ApterPower product pages

Allen-Bradley 2711P-T12C4A8	Allen-Bradley 2711P-K12C4A8
Allen-Bradley 2711P-T10C4D1	Allen-Bradley 2711P-K10C4D8

Handover record

Traceable evidence for the installed product

Final acceptance

- Verify relay and FET loads against the exact terminal assignments.
- Restore the expansion order, serial parameters and controller mode.
- Download the validated program and check controller diagnostics.
- Test all embedded I/O and high-speed functions before release.

Manufacturer evidence used

- Rockwell Automation MicroLogix 1200 Programmable Controllers user manual, publication 1762-UM001.
- Rockwell Automation exact product record for 1762-L40BXB.
- Rockwell Automation controller selection and embedded I/O tables.

Verified related ApterPower product pages

Allen-Bradley 2711P-RDT12H

ABB DI811 3BSE008552R1

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Additional verified ApterPower product pages

ABB TU831V1 3BSE013235R1

ABB SR511 3BSE000863R1

ABB 07DI92

ABB 07KT92 GJR5250500R0902

ABB 07KR91 GJR5250000R0101

ABB 07KP90 GJR5251000R0202