

1762-OB8

Exact-identity installation and commissioning guide

PRODUCT SCOPE

Allen-Bradley 1762-OB8 is a MicroLogix 1200 expansion module with eight solid-state 24 V DC sourcing outputs. The module is intended for approved Bulletin 1762 controller expansion arrangements.

Verified installation basis

Product family	MicroLogix 1200 Bulletin 1762
Module role	Digital output expansion module
Output points	8
Output type	Solid-state 24 V DC sourcing
Operating voltage	20.4 to 26.4 V DC
Minimum on-state current	1 mA
Maximum off-state leakage	1 mA

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 1762-OB8 marking, expansion position and terminal assignments.
- Place the controller and connected loads in the approved safe state.
- Isolate the controller and field supply before touching the terminal block.
- Verify that every load uses the documented sourcing-output polarity.
- Inspect wiring, commons, terminal tightness and load suppression devices.
- Install the module in the recorded expansion order with bus connectors secured.

HOLD POINT

Confirm the complete 1762-OB8 identity and that every connected load is compatible with a 24 V DC sourcing solid-state output.

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 1762-OB8 marking, expansion position and terminal assignments.

2 ISOLATE

Place the controller and connected loads in the approved safe state.

3 RECORD

Isolate the controller and field supply before touching the terminal block.

4 VERIFY

Verify that every load uses the documented sourcing-output polarity.

5 INSTALL

Inspect wiring, commons, terminal tightness and load suppression devices.

6 RESTORE

Install the module in the recorded expansion order with bus connectors secured.

CONFIGURATION CONTROL

Verify the controller model, expansion position, load polarity and output-group supply before installation. Field conductors must be identified before the removable terminal block is disturbed, and inductive loads require the approved suppression method. After power is restored, test every commanded output while observing module indicators and actual field-device response.

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 1762-OB8 marking, expansion position and terminal assignments.
Configuration	Install the module in the recorded expansion order with bus connectors secured.
Physical installation	Restore power and compare output LEDs with commanded states.
Functional acceptance	Test all eight field outputs and document the acceptance results.
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

- Inspect wiring, commons, terminal tightness and load suppression devices.
- Install the module in the recorded expansion order with bus connectors secured.
- Restore power and compare output LEDs with commanded states.
- Test all eight field outputs and document the acceptance results.

Manufacturer evidence used

- Rockwell Automation 1762-OB8 installation instructions, publication 1762-IN008.
- Rockwell Automation exact product record for 1762-OB8.
- Rockwell Automation MicroLogix 1200 discrete output specifications.

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