

1762-OB8

MicroLogix 1200 Digital Output Module

PUBLISHED IDENTITY

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.

Technical snapshot

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
Maximum on-state voltage drop	1.0 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 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
Maximum on-state voltage drop	1.0 V DC
Operating temperature	-20 to 65 °C
Relative humidity	5 to 95%, non-condensing
Installation style	Open-type equipment
Controller interface	1762 expansion I/O bus

EVIDENCE BOUNDARY

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

Applications and system role

Four distinct documented operating contexts

SOLENOID AND VALVE OUTPUTS

Switches compatible 24 V DC field devices in an approved MicroLogix output circuit.

MACHINE STATUS DEVICES

Drives documented indicators or interface relays within the module ratings.

COMPACT PLC EXPANSION

Adds eight sourcing outputs when the MicroLogix 1200 base I/O is insufficient.

CONTROLLED OUTPUT REPLACEMENT

Restores the recorded output point map without changing load polarity.

Integration 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

[ABB DSBC174 3BSE012211R1](#)

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

Technical questions

Complete model-specific answers from the approved evidence set

What role does Allen-Bradley 1762-OB8 perform?

Allen-Bradley 1762-OB8 performs the documented role of a micrologix 1200 digital output module within its approved system architecture.

How does the documentation identify output type for 1762-OB8?

Documentation identifies output type for 1762-OB8 as Solid-state 24 V DC sourcing.

Where does 1762-OB8 fit in the published system?

Within the published architecture, 1762-OB8 functions as the micrologix 1200 digital output module described for the installed equipment.

When 1762-OB8 is replaced, what must technicians verify?

Technicians must verify the installed minimum on-state current, mating hardware, wiring and approved configuration before energization.

What published value is associated with output points on 1762-OB8?

The published output points for 1762-OB8 is 8.

Which value should be checked for operating voltage when servicing 1762-OB8?

Service personnel should check operating voltage against the documented value of 20.4 to 26.4 V DC.

Why must the complete 1762-OB8 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-OB8?

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 1762-OB8 marking, expansion position and terminal assignments.

2

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

3

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

4

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

5

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

6

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

7

Restore power and compare output LEDs with commanded states.

8

Test all eight field outputs and document the acceptance results.

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 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-T10C4D1

Allen-Bradley 2711P-K10C4D8

Allen-Bradley 2711P-RDT12H

ABB DI811 3BSE008552R1

Talk to Apter Power

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com



ABB TU831V1 3BSE013235R1

ABB SR511 3BSE000863R1

ABB 07DI92

ABB 07KT92 GJR5250500R0902