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Data Sheet

August 13, 2026

ROCKWELL / ALLEN-BRADLEY

Rockwell / Allen-Bradley 1792D-8BVT8D ArmorBlock MaXum Digital I/O Module

Key Features - 8 inputs + 8 outputs, 24 Vdc, DeviceNet - IP67 sealed; Y-splitter I/O - PNP/NPN auto inputs; 0.5 A protected outputs - Point-level short/open/no-load diagnostics

Technical Specifications Model: 1792D-8BVT8D Manufacturer: Allen-Bradley / Rockwell Automation Instrument Type: ArmorBlock MaXum DeviceNet I/O Series: 1792D ArmorBlock MaXum Alias: 1792D-8BVT8D; 1792D8BVT8D Network: DeviceNet Inputs: 8, 3-wire or dry contact PNP or NPN, or 4 of 4-wire PNP/NPN Sensor Source Current: 50 mA per input Outputs: 8 self-protected 24 Vdc Output Current: up to 0.



MODEL

Rockwell / Allen-Bradley 1792D-8BVT8D

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

1792D-8BVT8D

LISTING

<https://aumictechlabs.com/products/1792d-8bvt8d-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Rockwell / Allen-Bradley 1792D-8BVT8D ArmorBlock MaXum is a digital I/O module engineered for distributed, on-machine control in demanding industrial environments. It combines eight 24V DC sourcing outputs with eight 24V DC sinking inputs, delivering direct field-device integration and reducing wiring complexity. The ArmorBlock MaXum design prioritizes reliability in harsh operational conditions through a compact, machine-mounted form factor that eliminates

centralized I/O infrastructure. Technical Specifications Digital Outputs Type: Sourcing Voltage: 24V DC nominal Quantity: 8 channels Digital Inputs Type: Sinking Voltage: 24V DC nominal Quantity: 8 channels Power Supply Operating Voltage: 24V DC nominal Environmental Design On-machine deployment rated for harsh industrial conditions Key Features Eight independent sourcing outputs for discrete 24V DC loads Eight independent sinking inputs for 24V DC sensor signals Direct machine mounting eliminates remote I/O cabinets Integrated I/O density reduces field wiring and panel space Typical Applications Proximity sensor and pushbutton integration on production machinery Distributed solenoid and pilot light control Machine guard interlocks and safety circuits Process automation requiring point-of-use signal conditioning Compatibility & Integration Designed for Rockwell Automation control system integration. Connects directly to machinery without intermediate terminal blocks, supporting modular control architectures across manufacturing facilities.

Features & description

From manufacturer datasheet

Features

- 8 inputs + 8 outputs, 24 Vdc, DeviceNet

1792D8BVT8D Characteristics / Specifications

PARAMETER	VALUE
Model	1792D-8BVT8D
Manufacturer	Allen-Bradley / Rockwell Automation
Instrument Type	ArmorBlock MaXum DeviceNet I/O
Series	1792D ArmorBlock MaXum
Alias	1792D-8BVT8D; 1792D8BVT8D
Network	DeviceNet
Inputs	8, 3-wire or dry contact PNP or NPN, or 4 of 4-wire PNP/NPN
Sensor Source Current	50 mA per input
Outputs	8 self-protected 24 Vdc
Output Current	up to 0.5 A each
Diagnostics	short circuit, open wire, no-load, point level
Enclosure	sealed, meets or exceeds IP67
Field Power	24 Vdc ArmorBlock class (confirm auxiliary output power vs DeviceNet power on the installation sheet)
Media Accessories	1792D-CBFM flat media; 1792D-CB12 12 mm cable; 1792D-CB1 DeviceNet and output power media class
Connectors	Y splitter cables for I/O
Agency	CSA; CSA Class I Division 2 Groups ABCD when marked
Conductors	Publication DN-6.7.2
Form	stand-alone on-machine block, no cabinet required
I/O Voltage	24 Vdc
Related	other 1792D ArmorBlock MaXum input-only or output-only counts
Status	legacy ArmorBlock MaXum (confirm ArmorBlock 5000 migration for new designs)
LEDs	module and point status class ArmorBlock
Mounting	machine mount sealed block

PARAMETER	VALUE
Document	ArmorBlock MaXum 8 Input / 8 Output installation instructions (1792D-8BVT8D) Notes Specs from Allen-Bradley ArmorBlock MaXum 1792D-8BVT8D installation instructions. Confirm DeviceNet vs auxiliary output power wiring and Y-cable kit.

1792D8BVT8D Specifications

PARAMETER	VALUE
Applications	On-machine DeviceNet I/O; IP67 24 Vdc distributed I/O; ArmorBlock MaXum replacements.
Key Features	- 8 inputs + 8 outputs, 24 Vdc, DeviceNet
Technical Specifications	Model: 1792D-8BVT8D

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
Specifications	
PARAMETER	VALUE
Model	1792D-8BVT8D
Manufacturer	Allen-Bradley / Rockwell Automation
Instrument Type	ArmorBlock MaXum DeviceNet I/O
Specifications	
PARAMETER	VALUE
Series	1792D ArmorBlock MaXum
Alias	1792D-8BVT8D; 1792D8BVT8D
Network	DeviceNet
Specifications	
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Field Power	24 Vdc ArmorBlock class (confirm auxiliary output power vs DeviceNet power on the installation sheet)
Media Accessories	1792D-CBFM flat media; 1792D-CB12 12 mm cable; 1792D-CB1 DeviceNet and output power media class

PARAMETER	VALUE
Connectors	Y splitter cables for I/O

Specifications

PARAMETER	VALUE
Agency	CSA; CSA ClassIDivision 2 GroupsABCDwhen marked
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Specifications

PARAMETER	VALUE
I/O Voltage	24 Vdc
Related	other 1792D ArmorBlock MaXum input-only or output-only counts
Status	legacy ArmorBlock MaXum (confirm ArmorBlock 5000 migration for new designs)

Specifications

PARAMETER	VALUE
LEDs	module and point status class ArmorBlock
Mounting	machine mount sealed block
Document	ArmorBlock MaXum 8 Input / 8 Output installation instructions (1792D-8BVT8D)

Notes

Specs from Allen-Bradley ArmorBlock MaXum 1792D-8BVT8D installation instructions. Confirm DeviceNet vs auxiliary output power wiring and Y-cable kit.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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NIST-traceable calibration · SAM registered ·
30-day returns
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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.