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Find the *Rockwell / Allen-Bradley 1792D-8BVT8D* at our website: *Click HERE*

LISTEN. THINK. SOLVE.®

PRODUCT PROFILE

ARMORBLOCK™ MAXUM I/O
On-Machine™ IP67 Block I/O Platform

Benefits

- **Choice of Network Media** - Allows flexibility in choosing the DeviceNet™ media best suited to the application
- **Rotary Address Switches** - Easy and error free setting of DeviceNet node address
- **Autobaud Detection** - Eliminates potential for incorrect baud rate problems
- **Short-circuit, Open-wire and No-load Detection** - Provides point analysis of wiring and sensor problems
- **Universal PNP/NPN Inputs** - Able to interface with either sourcing or sinking devices
- **Separate Top and Cable Base Construction** - Easy replacement of modules without disconnecting from the network
- **User Selectable Input Filter Timers** - Filters and minimizes false input transitions
- **Polled, Cyclic or Change-of-State DeviceNet Operation** - Choose the communication node that best fits your application
- **Electronically Protected Outputs with Selectable Output Latching** - Protects outputs from over-current and short-circuit conditions
- **Hardware Watchdog Circuitry** - Puts outputs in known state if internal failure occurs
- **ODVA V2.0 Compliance Tested** - Ensures a reliable DeviceNet product which is fully compatable with all other DeviceNet compliant products
- **DeviceLogix™** - Provides control of outputs inside the block



Thinking Outside the Enclosure

ArmorBlock MaXum™ I/O offers greater flexibility in severe industrial environments. The entire system is rated IP67 and NEMA 4X giving you the flexibility to place the blocks near or On-Machine™. This helps reduce or eliminate the number of enclosures or trays necessary to protect the media or the block in most harsh environments, saving you time and costs.

With the same standard features provided by hardened ArmorBlock™ I/O, ArmorBlock MaXum I/O is one of the first I/O products on the market to take advantage of the KwikLink™ flat media system for DeviceNet™ communications. The KwikLink cable system passes directly through the ArmorBlock MaXum block reducing the space typically needed to mount the product on your machinery. Connectivity is also available for standard round media systems through direct connection or drop cables.

The ArmorBlock MaXum block is constructed of two major parts:
- The base which attaches directly to the round or flat media cable, and
- The top, with device connectors, LEDs and markers which attaches to the base.

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More Cost Effective and Time Effecient

ArmorBlock MaXum I/O and the DeviceNet communication system offer a cost-effective solution for your distributed I/O application by eliminating or reducing the need for T-port taps and molded cables. This reduces the overall time it takes to get your application up and running. Once you've installed ArmorBlock MaXum I/O, you can replace the top unit without disrupting the network connection should you experience a failure in the system.

Connecting to the Future

ArmorBlock MaXum I/O offers a wide range of input and/or output combinations to suit your application needs. Combined with Allen-Bradley® sensors, actuators and media, you can construct a cost-effective and reliable DeviceNet system configuration.

Offers Flexibility for Application Needs

ArmorBlock MaXum I/O offers a number of features that make it a premier offering for hardened, distributed 24V DC I/O on DeviceNet.

DeviceLogix for Local Control

DeviceLogix provides local control over outputs for high-speed applications.

ArmorBlock MaXum I/O	
Module	**Options**
1792D-0B4D	4 Sourcing outputs up to 2 amps 4 connectors
1792D-0B8D	8 Sourcing 0.5 amp outputs 8 connectors
1792D-0BT16LP	16 Sourcing outputs 8 connectors LP2
1792D-0VT16E	16 Sinking 0.5 amp outputs 8 connectors
1792D-12BT4PE	12 in/4 out MaXum with pin 5 ground
1792D-12BVT4D	12 Sink/Source inputs 4 Sourcing 0.5 amp outputs
1792D-16BT0LP	16 Sinking inputs 24V DC LP2
1792D-16BVT0CD	MaXum 16 in with point level diagnostics
1792D-16BVT0D	16 Sink/Source inputs 8 connectors
1792D-16VT0LP	16 Sourcing inputs 24V DC LP2
1792D-2B0LP	2 Sinking inputs LP2
1792D-2B2LP	2 in Sinking /2 out 24V DC 0.3 amp LP2
1792D-2BV0D	2 Sink/Source inputs 2 connectors
1792D-2BVA2D	2 Sink/Source inputs w/alarm 2 Sourcing 1amp outputs
1792D-4B0LP	4 Sinking inputs 24V DC LP2
1792D-4BT4LP	4 in Sinking/ 4 out 24V DC 0.3 amp LP2
1792D-4BV0D	4 Sink/Source inputs 4 connectors
1792D-4BV4D	4 Sink/Source inputs 4 Sourcing 0.5 amp outputs
1792D-4BVT4D	4 Sink/Source inputs 4 Sourcing 0.5 amp outputs
1792D-8BIO8E	8 Sinking inputs 8 Sourcing 0.5 amp outputs
1792D-8BT0LP	8 Sinking inputs 4 connectors LP2
1792D-8BT8LP	8 Sinking inputs 8 Sourcing outputs LP2
1792D-8BT8PE	8 in/8 out MaXum with pin 5 ground
1792D-8BV0D	8 Sink/Source inputs 8 connectors
1792D-8BVT0D	8 Sink/Source inputs 4 connectors
1792D-8BVT8CD	MaXum 8 in/8 out with point level diagnostics
1792D-8BVT8D	8 Sink/Source inputs 8 Sourcing 0.5 amp outputs
1792D-8BVT8D/D (New)	8 Sink/Source inputs 8 Sourcing 0.5 amp outputs
1792D-4BVT4D/D (New)	4 Sink/Source inputs 4 Sourcing 0.5 amp outputs
1792D-0B8D/D (New)	8 Sourcing 0.5 amp outputs 8 connectors
1792-8BT8D/A (New)	8 Sinking inputs 8 Sourcing 0.5 amp outputs
1792-4BT4D/A (New)	4 Sinking inputs 4 Sourcing 1 amp outputs
1792-16BT0D/A (New)	16 Sinking inputs 24V DC
ArmorBlock MaXum I/O Cable Base Options	
Module	**Options**
1792D-CB12	MaXum media base w/12mm connectors
1792D-CB12JP	MaXum media base w/12mm connectors
1792D-CB18	MaXum round media 18mm base pass thru for DNet
1792D-CB18JP	MaXum round media 18mm base pass thru for DNet
1792D-CB18P	MaXum round media 18mm base pass thru for DNet
1792D-CB18PT	MaXum round media 18mm base
1792D-CB23	MaXum cable base with 17 pin M23 connectors
1792D-CBFM	MaXum media base for KwikLink flat media
1792D-KPLT	Kempf interface plate
1792-IB16A	ArmorBlock I/O 16 point 24V DC input
1792-IB16AT	ArmorBlock I/O 16 point 24V DC input
1792-IB16LP	Low profile ArmorBlock 16 input 24V DC
1792-IB16S	ArmorBlock I/O 16 point 24V DC input
1792-IB16ST	ArmorBlock I/O 16 point 24V DC input
1792-IB2XOB2EA	ArmorBlock I/O 2in/2 out 24V DC combo
1792-IB2XOB2EAT	ArmorBlock I/O 2in/2 out 24V DC combo
1792-IB2XOB2ES	ArmorBlock I/O 2in/2 out 24V DC combo
1792-IB2XOB2EST	ArmorBlock I/O 2in/2 out 24V DC combo
1792-IB4A	ArmorBlock I/O 4 point 24V DC input
1792-IB4AT	ArmorBlock I/O 4 point 24V DC input
1792-IB4S	ArmorBlock I/O 4 point 24V DC input
1792-IB4ST	ArmorBlock I/O 4 point 24V DC input
1792-IB8A	ArmorBlock I/O 8 point 24V DC input
1792-IB8AT	ArmorBlock I/O 8 point 24V DC input
1792-IB8S	ArmorBlock I/O 8 point 24V DC input
1792-IB8ST	ArmorBlock I/O 8 point 24V DC input
1792-IB8XOB8PLP	Low profile ArmorBlock 8 in/8out 24V DC
1792-OB4EA	ArmorBlock I/O 4 point 24V DC output
1792-OB4EAT	ArmorBlock I/O 4 point 24V DC output
1792-OB4ES	ArmorBlock I/O 4 point 24V DC output
1792-OB4EST	ArmorBlock I/O 4 point 24V DC output
1792-OB8PLP	Low profile ArmorBlock 8 point 24V DC output

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Power, Control and Information Solutions Headquarters

Americas: Rockwell Automation, 1201 South Second Street, Milwaukee, WI 53204-2496 USA, Tel: (1) 414.382.2000, Fax: (1) 414.382.4444
Europe/Middle East/Africa: Rockwell Automation, Vorstlaan/Boulevard du Souverain 36, 1170 Brussels, Belgium, Tel: (32) 2 663 0600, Fax: (32) 2 663 0640
Asia Pacific: Rockwell Automation, Level 14, Core F, Cyberport 3, 100 Cyberport Road, Hong Kong, Tel: (852) 2887 4788, Fax: (852) 2508 1846

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