

## Allen-Bradley 1792D-4BVT4D

The 1792D-4BVT4D module is an Allen-Bradley I/O module. There are 4 inputs and 4 outputs on the module. The 1792D-4BVT4D module communicates over the DeviceNet network.

Technical specifications for 1792D-4BVT4D

Manufacturer Allen Bradley

Product Type I/O Module

Product Line 1792D ArmorBlock MaXum I/O

Part Number 1792D-4BVT4D

UPC 612598186921

Weight 0.69 lbs (0.31 kg)

Type Standalone

Inputs 4

Outputs 4

Voltage 24 Volts DC

Communication DeviceNet

Housing Sealed

Maximum Data Rate 500 kbps at 330 feet

Maximum Output Current 1 Amp

Maximum Input On-State Current 10 milliamps

The Allen-Bradley 1792D-4BVT4D input module is a 1792D ArmorBlock MaXum 4-output and 4-input module. The 1792D-4BVT4D input module is a 24 Volts DC I/O device which communicates over the DeviceNet network. The 1792D-4BVT4D input module is available in a sealed housing and it does not require an enclosure. Input and outputs on the module are accessed via a Y splitter cable. The inputs on the module are 24 Volts DC PNP sourcing type or NPN sinking type inputs. The outputs on the module can source a maximum of 1 Amp of current each. The 1792D-4BVT4D input module supports multiple diagnostic features including open wire, short circuit, and no load detection features. The module package contains one 1792D-4BVT4D module and installation instructions. The cables required for use with the module need to be ordered separately.

Four steps are required to set up the Allen-Bradley 1792D ArmorBlock MaXum 1792D-4BVT4D input module. These steps include assigning the node address, mounting the module to the cable base, connecting the cord sets, and communicating with the module. The input specifications for the module are as follows. The sensor source current per connection on the module must be 100 milliamps. The off-wire sense current rating is 0.5 milliamps. The maximum on-state voltage is 25 Volts DC and the minimum on-state voltage is 10 Volts DC. The maximum on-state current is 10 milliamps and the minimum on-state current is 2 milliamps. The maximum off-state voltage is 5

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Volts DC and the minimum off-state current is 1.5 milliamps. With thick cables, the 1792D-4BVT4D input module can communicate at 125 kbps at up to 1600 feet, at 250 kbps at up to 600 feet, and at 500 kbps at up to 330 feet.



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