

Allen-Bradley 1792D-0B4D

The Allen Bradley 1792D-0B4D is a compact 4-channel output block designed for sourcing applications. This module operates on a DeviceNet protocol and has a power supply voltage of 24 V DC. Its rated output can handle up to 2A per channel, with a total maximum current load of 4A. The device's housing is classified with an IP67 rating, ensuring protection against dust and water ingress.

Technical specifications for 1792D-0B4D

Manufacturer Allen Bradley

Product Type 4-Channel Sourcing Output Block

Product Line 1792D ArmorBlock MaXum I/O

Part Number 1792D-0B4D

Weight 0.88 lbs (0.40 kg)

UPC 612598187010

Network Protocol DeviceNet

Power-Supply Voltage (I/O) 24 V DC

Output Count 4 Outputs

Output Type Sourcing

Max Current per Output 2A

Module Total Current 4 A Max Load

Output Leakage ≤ 1.5 mA

Surge Current 4 A (10 ms)

Local Logic Built-in Logic

Connector Type M12 I/O & Network

Addressing Rotary Node Selector

Housing Rating IP67

The product 1792D-0B4D from Allen Bradley is a 4-channel sourcing output block designed to provide flexible output solutions in industrial automation environments. It operates on a DeviceNet network which connects seamlessly to control applications. This output block is powered with a 24 V DC supply voltage, which is a standard for various automation setups.

Each of the four output channels can deliver a maximum current of 2A, allowing the block to support demanding loads. In total, the module can handle a maximum continuous load of 4A. Leakage from the outputs is minimal, rated at ≤ 1.5 mA, which underscores the efficiency and reliability of its design.

This device is equipped with built-in local logic for intelligent response scenarios. The module uses M12 connectors for both I/O and networking, facilitating easy integration into existing

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systems. To simplify configuration, it features a rotary node selector for addressing, which allows users to easily set up the device on the network. The unit is also rated for surge currents of up to 4A for brief periods lasting 10 milliseconds, providing additional capability in transient conditions. Constructed with an IP67 housing rating, this output block ensures that it can withstand harsh environments, resisting dust and moisture effectively.



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