

## Allen-Bradley 1734-IB4D

The Allen-Bradley 1734-IB4D input module is an industrial input module from the Allen-Bradley Point I/O 1734 series. It is a digital type of sink input module that comes with diagnostics features. The 1734-IB4D sink input module has 4 inputs that are labeled with numbers from 0 to 3 and that each have a status indicator light. The status indicators make it easy for the users of the input module to see   Technical specifications for 1734-IB4D

Manufacturer Rockwell Automation

Brand Allen-Bradley

Part Number/Catalog No. 1734-IB4D

Series POINT I/O

Module Type Digital DC Sinking Input Module

Inputs 4

Input Voltage 24 Volts DC

Input Current Maximum 5 milliamps

POINTBus Current 50 milliamps

Power Dissipation 1.9 BTU/hour   Description

The Allen-Bradley 1734-IB4D is a POINT I/O digital DC sinking input module with diagnostics that functions with 1 keyswitch position. The possible network connections for the 1734-IB4D include ControlNet, DeviceNet, EtherNet/IP, and other open networks. Moreover, it has a maximum thermal dissipation at 28.8 Volts DC of 3.4 BTU/hour. It weighs 1.14 ounces, approximately. The 1734-IB4D has dimensions of 2.2 x 0.47 x 2.97 inches and the compact design makes the installation of this module easier. The 1734-IB4D requires a power input ranging from 10 to 28.8 Volts DC or 24 Volts DC nominal. In addition, it has an operating temperature of -20 to 55 degrees Celsius or -4 to 131 degrees Fahrenheit. It has an open-style enclosure and it can be mounted horizontally or vertically.

The 1734-IB4D is a four-input module engineered with a Removable Terminal Block (RTB) mounted on the mounting base and has either 1 or 4 groups of 4 sinking inputs per module as its basic attribute. The 1734-IB4D has 0.8 N-m or 7 pounds on an inch terminal base screw torque and a maximum POINT Bus current of 75 mA at 5 Volts DC. It has an input voltage of 24 Volts DC, an input current maximum of 5 milliamps, and a 1.0-Watt maximum power dissipation at 28.8 Volts DC.

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