# Allen-Bradley 1794-IH16

The Allen-Bradley 1794-IH16 FLEX I/O module is a digital input module that operates with 125 Volts DC voltage. The Allen-Bradley 1794-IH16 FLEX I/O module comes with 16 I/O points. All of these I/O points are inputs and they are not isolated. Technical specifications for 1794-IH16
Brand Allen-Bradley / Rockwell Automation
Series Flex I/O 1794
Part Number 1794-IH16
Voltage type DC
Approval rating North American Hazardous Location Approval rating
Nominal voltage 125 Volts DC
Nominal current 2 mA
Power dissipation 6 Watts at 146 Volts DC
Thermal dissipation 20.47 BTU per hour at 146 Volts DC
Number of I/O 16 Description
The Allen-Bradley 1794-IH16 FLEX I/O module is a digital input module that operates with 125 Volts DC voltage. It has the North American Hazardous Location Approval rating that signifies that it is suitable for safe operation in dangerous industrial environments and systems. The Allen-Bradley 1794-IH16 FLEX I/O module comes with 16 I/O points. All of these I/O points are inputs and they are not isolated. It is compatible with a wide variety of FLEX I/O 1794 series terminal bases such as the 1794-TB3 terminal base, the 1794-TB3S terminal base, the 1794-TB3K terminal base, and the 1794-TB3SK terminal base. Its minimum on-state input voltage rating is 90 Volts DC sinking voltage. Its nominal on-state input voltage rating is 125 Volts DC and its maximum on-state voltage rating is 146 Volts DC.

The Allen-Bradley 1794-IH16 FLEX I/O digital input module also has a maximum off-state voltage rating of 20 Volts DC. The module's current ratings are 1 mA of minimum on-state input current, 2 mA of nominal on-state input current at 125 Volts DC, 3 mA of maximum on-state input current, and 0.8 mA of maximum off-state input current. Its dimensions are 3.7 x 3.7 x 2.7 inches when it is installed and its dimensions are 1.8 x 3.7 x 2.1 inches when it is not installed. The Allen-Bradley 1794-IH16 FLEX I/O module has a maximum power dissipation rating of 6 Watts at 146 Volts DC voltage and it has a maximum heat dissipation rating of 20.47 BTU per hour at 146 Volts DC voltage.

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