

Allen-Bradley 1734-8CFGDLX

The Allen-Bradley 1734-8CFGDLX input module is an 8-channel digital input module in the Point I/O 1734 product line. This Point I/O 1734 series digital input module supports the DeviceLogix network. Each of the 8 input channels on the 1734-8CFGDLX digital input module is configurable and rated for 24 Volts DC voltage. . During operation, the 1734-8CFGDLX DeviceLogix digital input module produces 20 bytes of data that is meant to be Technical specifications for 1734-8CFGDLX

Manufacturer Rockwell Automation

Brand Allen-Bradley

Part Number/Catalog No. 1734-8CFGDLX

Series POINT I/O

Module Type DC Configurable I/O Module

Input/Outputs 8

Input Voltage (min) 11 Volts DC

Input Current 2-5 milliamps

Mounting DIN rail

Enclosure Open

Operating Temperature -20 to 55 Celsius

Description

The Allen-Bradley 1734-8CFGDLX POINT I/O Digital Module is a 24 Volts DC I/O module with DeviceLogix capabilities and 8 self-configuring points. Each of the I/O points can be used as a DC output or input. In compliance with the POINTBus backplane, the module supports removal and insertion under auto-address, auto-baud, and power functions. Its DeviceLogix Smart Component Technology incorporates a logic-solving capability into I/O control components, resulting in efficient control distribution with higher performance and lower cost.

The 1734-8CFGDLX can operate in a variety of modes. As a standard 8-point configurable I/O module, it uses the ODVA pre-defined “produce” and “consume” assemblies and can run on ControlNet, DeviceNet, or EtherNet/IP. If the DeviceLogix is enabled as programmed, then it acts as a stand-alone module that uses the DeviceLogix program to read inputs and control the onboard outputs. It can also be used as a peer enabled POINT I/O that supports the “Auto Produce” parameter – creating I/O data automatically without the need for a master unit. The 1734-8CFGDLX is compatible with the 1734-TOP, 1734-TOPS, 1734-TB, and the 1734-TBS terminal wiring base units. It can be installed before or after the base has been mounted. Its power dissipation is maxed at 2.6 W and thermal dissipation at 8.9 BTU/hour at 28.8 Volts DC. The 1734-8CFGDLX has a POINTBus current of 100 mA at 5 Volts DC with a minimum 2.0 mA and maximum 5.0 mA on-state input current. Each input is independently settable in millisecond intervals having a default value of 1000 milliseconds.

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