

Allen-Bradley 1734-FPDK

The 1734-FPDK from Allen Bradley serves as a distributor module designed for Point I/O applications. It allows for AC and DC input voltage connections, ensuring flexibility in various installations. Technical specifications for 1734-FPDK

Manufacturer Allen Bradley

Series Point I/O 1734

Part Number 1734-FPDK

Product Type Distributor Module

Distributor Type Point I/O Distributor, Field Potential Distributor

Nominal AC Input Voltage 120/240V AC

Nominal DC Input Voltage 12/24V DC

DC Input Voltage Range 10-28.8V DC

Maximum Input Current 10A

Screw Torque for Terminal Base 0.6 Nm

Mounting DIN Rail

Conformal Coating Yes

Operating Temperature -4 to 131 degrees Fahrenheit

Nonoperating Temperature -40 to 185 degrees Fahrenheit

Non-Condensing Relative Humidity 5% to 95% Description

The Allen Bradley 1734-FPDK is a specialized distributor module intended for Point I/O systems. This unit allows for efficient management of input signals within automated environments. It is compatible with nominal AC input voltages of 120 and 240 volts, in addition to nominal DC input voltages of 12 or 24 volts. The DC input voltage can range safely from 10 to 28.8 volts, accommodating various devices.

This module can manage a maximum input current of 10A, making it suitable for robust applications. Installation is straightforward, as it is designed for DIN rail mounting, ensuring a secure and reliable setup. The 1734-FPDK is equipped with a conformal coating to enhance durability and resilience against environmental factors.

Temperature performance for the operating range stays effective between -4 and 131 degrees Fahrenheit, while it can endure non-operating conditions down to -40 degrees, reaching up to 185 degrees Fahrenheit. Humidity tolerance is commendably broad, functioning in non-condensing relative humidity levels from 5% to 95%. Additionally, a required screw torque of 0.6 Nm is specified for terminal base connections, ensuring secure wiring for power distribution.

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