KJ3002X1-BF1 12P1732X082 VE4003S6B1

Emerson / DeltaV RTD input card

Emerson KJ3002X1-BF1 12P1732X082 VE4003S6B1 is offered for a DeltaV M-series I/O installation. The VE4003S6B1 catalog reference identifies an 8-channel RTD input assembly.

Overview

The VE4003S6B1 reference groups a DeltaV I/O card with its specified termination arrangement. In the control system, this RTD input function transfers RTD information between the configured field circuit and controller. The physical KJ3002X1-BF1 and 12P1732X082 markings identify the offered hardware and must be reconciled with the VE assembly code.

The 8-channel catalog arrangement uses rtd termination block. The input channels acquire calibrated resistance-sensor signals for engineering-unit conversion in the configured DeltaV project. Wiring and host assignments are governed by the installed project.

Technical specification matrix

Card family	DeltaV M-series Traditional I/O
Physical card marking	KJ3002X1-BF1
Part number	12P1732X082
Catalog assembly reference	VE4003S6B1
Catalog I/O role	8-channel RTD input assembly
Termination arrangement	RTD termination block
Signal family	Resistance temperature detector (RTD)
Catalog point count	8 RTD inputs

Applications and system fit

DeltaV RTD input Read temperature measurement from configured RTD circuits in the DeltaV I/O subsystem.	**Field interface** The rtd termination block must match the installed wiring and carrier.
Control project Retain the configured channel numbers, engineering units and alarm assignments.	**System restoration** Return the affected channels to service only after the approved loop, I/O and diagnostic checks pass.

Product precautions

Match the complete marking Compare KJ3002X1-BF1 12P1732X082 VE4003S6B1 with the installed label, part number and any revision.	**Preserve the configuration** Record the existing channel assignment, host release and termination arrangement.
Review the field connection Check the RTD wiring and the approved circuit drawing before transfer.	**Protect the process** Place affected loops in their approved safe state and isolate power as required.

Source and application boundary

Emerson DeltaV M-series Traditional I/O Product Data Sheet, September 2023.

VE4003S6B1 catalog characteristics describe the documented assembly. Confirm applicability of those characteristics to the complete KJ3002X1-BF1 12P1732X082 VE4003S6B1 physical marking and installed termination arrangement.

Related product references

Separate product listings for project review; confirm each order code and system fit independently.

Emerson KJ1501X1-BC1 12P2186X032 VE5008	Emerson KJ2003X1-BB1 12P3439X012

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Send the complete model and installed-system details when requesting a quotation.