KJ3203X1-BA1 12P3270X042 VE4001S2T2B4

Emerson / DeltaV dry-contact discrete input assembly

Emerson KJ3203X1-BA1 12P3270X042 VE4001S2T2B4 is offered for a DeltaV M-series I/O installation. The VE4001S2T2B4 catalog reference identifies a 32-channel discrete input assembly.

Overview

The VE4001S2T2B4 reference groups a DeltaV I/O card with its specified termination arrangement. In the control system, this discrete input function transfers 24 V DC dry-contact information between the configured field circuit and controller. The physical KJ3203X1-BA1 and 12P3270X042 markings identify the offered hardware and must be reconciled with the VE assembly code.

The 32-channel catalog arrangement uses 32-channel dry-contact termination block. The input channels acquire dry-contact states for configured sequence, alarm and interlock logic. Wiring and host assignments are governed by the installed project.

Technical specification matrix

Card family	DeltaV M-series Traditional I/O
Physical card marking	KJ3203X1-BA1
Part number	12P3270X042
Catalog assembly reference	VE4001S2T2B4
Catalog I/O role	32-channel discrete input assembly
Termination arrangement	32-channel dry-contact termination block
Field circuit	24 V DC dry contact
Catalog point count	32 discrete inputs

Applications and system fit

DeltaV discrete input Collect field contact states for plant sequence or status monitoring.	**Field interface** The 32-channel dry-contact 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 KJ3203X1-BA1 12P3270X042 VE4001S2T2B4 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 24 V DC dry-contact 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.

VE4001S2T2B4 catalog characteristics describe the documented assembly. Confirm applicability of those characteristics to the complete KJ3203X1-BA1 12P3270X042 VE4001S2T2B4 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.