KJ3221X1-BA1 12P2531X102

Emerson / DeltaV M-series I/O card

Emerson KJ3221X1-BA1 12P2531X102 is a DeltaV M-series I/O card offered by its complete card and part-number markings.

Overview

The KJ3221X1-BA1 12P2531X102 card belongs to a modular DeltaV I/O installation. Its physical card marking and part number identify the offered hardware; field-signal role and electrical limits must follow the actual item label and the installed termination assembly.

DeltaV M-series Traditional I/O uses separate I/O cards and field termination blocks for analog and discrete signals. The controller assigns channels, engineering units and diagnostics through the configured project. The bare card marking alone does not identify which termination variant is supplied with this offer.

Technical specification matrix

Product family	DeltaV M-series Traditional I/O
Card marking	KJ3221X1-BA1
Part number	12P2531X102
Host architecture	Modular DeltaV I/O
Configuration dependency	Installed carrier, termination block and host release

Applications and system fit

DeltaV I/O maintenance

Restore an exact-marking card in the engineered M-series I/O position after confirming the physical signal role.

Control cabinet integration

Fit the card to the approved carrier and termination arrangement used by the installed DeltaV node.

Field signal mapping

Retain the original point assignment and signal type defined in the approved control project.

Service verification

Compare controller recognition and affected point behavior with the pre-service baseline.

Product precautions

Match the complete marking Compare KJ3221X1-BA1 12P2531X102 with the installed label, part number and any revision.	**Preserve the configuration** Record the existing channel assignment, host release and termination arrangement.

Source and application boundary

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

M-series system architecture is confirmed; an exact electrical function for the offered 12P2531X102 card is not assigned from adjacent part-number variants.

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
Emerson KJ2003X1-BB1 12P3439X012 VE3006	Emerson KJ3002X1-BA1 12P0680X072 VE4003S2B2

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