KJ2003X1-BB1 12P3439X012 VE3006

Emerson / DeltaV MD Plus controller

Emerson KJ2003X1-BB1 12P3439X012 VE3006 is offered as an MD Plus controller for a DeltaV M-series control system.

Overview

The KJ2003X1-BB1 12P3439X012 VE3006 controller executes the configured control strategy within its DeltaV node. It coordinates assigned I/O and exchanges controller information across the engineered control network; available functions depend on the loaded project and host system.

Emerson identifies VE3006 as an MD Plus controller catalog reference. The KJ2003X1-BB1 and 12P3439X012 physical markings identify the offered controller. Compare its hardware revision, firmware and carrier arrangement with the installed unit before treating another MD Plus execution as a direct replacement.

Technical specification matrix

Controller family	DeltaV M-series
Controller class	MD Plus
Physical model	KJ2003X1-BB1
Part number	12P3439X012
System role	Controller execution in a configured DeltaV node
Catalog controller reference	VE3006

Applications and system fit

Continuous process control

Execute configured regulatory and sequence logic for a DeltaV process unit.

I/O coordination

Exchange data with assigned M-series I/O cards through the approved carrier and system network.

Controller restoration Restore a matching MD Plus controller while preserving project version, I/O mapping and process state.	**Redundancy planning** Use an approved partner arrangement where the installed DeltaV design supports controller redundancy.

Product precautions

Match the controller marking Compare the full KJ2003X1-BB1 12P3439X012 VE3006 and revision with the installed controller.	**Back up the project** Preserve the application, I/O map, network identity and firmware record.
Review the carrier Check slot, power and network connections against the existing cabinet.	**Plan the process state** Use the site change procedure to maintain approved operating and safety conditions.

Source and application boundary

Emerson DeltaV stock list, 121015. Emerson DeltaV M-series controller product information.

VE3006 is the documented MD Plus catalog reference; compare it to the physical KJ2003X1-BB1 / 12P3439X012 marking and the installed system before ordering.

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 KJ3002X1-BA1 12P0680X072 VE4003S2B2	Emerson KJ3002X1-BF1 12P1732X082 VE4003S6B1

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