KJ1501X1-BC1 12P2186X032 VE5008

Emerson / DeltaV DC/DC system power supply

Emerson KJ1501X1-BC1 12P2186X032 VE5008 is a DeltaV DC/DC system supply used to support the configured controller and I/O power architecture.

Overview

The KJ1501X1-BC1 12P2186X032 VE5008 supply belongs to the DeltaV cabinet power path. It converts a supported DC input into the system power needed by the installed controller and I/O assembly. A supply replacement must retain the original feed, rail and alarm wiring arrangement.

The VE5008 catalog reference identifies a 24/12 V DC-to-DC system power supply. The full KJ1501X1-BC1 and 12P2186X032 markings identify the offered hardware. Input and output current limits depend on the physical supply execution and installed load and should be checked against the offered label before sizing the cabinet.

Technical specification matrix

System family	DeltaV M-series
Physical supply marking	KJ1501X1-BC1
Part number	12P2186X032
Catalog reference	VE5008
Catalog power role	24/12 V DC-to-DC system supply
Cabinet interface	System power feed and distribution

Applications and system fit

DeltaV cabinet power
Supply the configured M-series controller and associated I/O power distribution.

DC source conversion
Use the approved cabinet input source and supply execution to support required internal rails.

Power path restoration
Restore a matching supply without changing load allocation or alarm wiring.

System startup
Support controlled restart and power diagnostics after a maintenance change.

Product precautions

Match the supply label Compare the complete KJ1501X1-BC1 12P2186X032 VE5008 and actual electrical nameplate.	**Check the input source** Verify DC voltage, polarity and protection before connection.
Review connected load Confirm the controller and I/O rail demand against the actual supply rating.	**Record alarm wiring** Preserve power-fail contact and diagnostic connections.

Source and application boundary

Emerson DeltaV Power Supplies Product Data Sheet, December 2003; Emerson DeltaV stock list, 121015.

VE5008 establishes the catalog power-supply role; exact electrical limits must follow the physical KJ1501X1-BC1 / 12P2186X032 nameplate.

Related product references

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

Emerson KJ2003X1-BB1 12P3439X012	Emerson KJ2003X1-BB1 12P3439X012 VE3006
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.