Emerson KJ3001X1-BB1 12P0550X132 VE4001S2T2

COMPLETE PRODUCT INFORMATION / PUBLISHED-PAGE DOSSIER

Emerson KJ3001X1-BB1 12P0550X132 VE4001S2T2 is a 24 v dc dry-contact discrete input card identified for the Emerson DeltaV M-series Traditional I/O. The complete order code, hardware execution and installed configuration must be matched together before replacement.

Product dashboard

Complete identity KJ3001X1-BB1 12P0550X132 VE4001S2T2	**Product type** 24 V DC Dry-Contact Discrete Input Card
Condition New, original product	**System context** Emerson DeltaV M-series Traditional I/O

Public summary

Manufacturer part number	KJ3001X1-BB1 12P0550X132 VE4001S2T2
Shipping	Swift global dispatch
Condition	New, original product
Shipping size (est.)	4.1cm × 12.5cm × 10.5cm
Country of Origin	USA
Weight	0.16 kg

Technical capability map

Complete order code	KJ3001X1-BB1 12P0550X132 VE4001S2T2
Equipment role	24 V DC Dry-Contact Discrete Input Card
System context	Emerson DeltaV M-series Traditional I/O
Module number	KJ3001X1-BB1
Part number	12P0550X132
Assembly family	VE4001S2T2
Input channels	8
Nominal input	24 V DC

Contact type	Dry contact
I/O series	Series 2
Termination boundary	Confirm the installed terminal-block suffix and keying separately

Overview

The complete KJ3001X1-BB1 12P0550X132 VE4001S2T2 marking identifies the offered 24 v dc dry-contact discrete input card. Record the removed assembly label, its host position and the connected hardware before work starts so that the supplied item is compared with the actual installed boundary rather than with a shortened family name.

Within the Emerson DeltaV M-series Traditional I/O, this item must be evaluated together with its carrier, terminals, cables and project configuration. Preserve the as-found interface map and revision information; a mechanically similar item is not automatically an electrical or software equivalent.

Commissioning should progress from identity and connection checks to controlled power-up, diagnostics and a functional proof. Keep the final status, test conditions and remaining exceptions in the maintenance record so later troubleshooting has an accurate baseline.

Applications / Compatibility

System position: KJ3001X1-BB1 12P0550X132 VE4001S2T2 is evaluated within the documented Emerson DeltaV M-series Traditional I/O architecture. Compatibility boundary: Match the complete marking, hardware execution and installed interfaces before replacement.

Installed-system replacement

Compare the exact order code, host position and connected interfaces with the removed item.

Planned maintenance

Capture the as-found label, status and configuration before disturbing the installation.

Controlled commissioning

Restore documented connections and prove the intended signal, communication or control response.

Spare qualification

Keep revision, configuration and acceptance evidence with the spare-part record.

Product Precautions

Verify the complete identity

Check every token in KJ3001X1-BB1 12P0550X132 VE4001S2T2 against the offered label and approved record.

Isolate the work boundary

Follow the site procedure for stored energy, field power and electrostatic handling.

Record connections

Photograph and label the carrier, terminals, cables and keying before removal.

Preserve configuration

Archive the applicable Emerson DeltaV M-series Traditional I/O project or hardware settings before replacement.

Inspect mating hardware

Check connectors, terminal blocks, carriers and cable condition before blaming the module.

Prove the result

Use an approved functional test and retain the as-left diagnostic and acceptance evidence.

Engineering decisions

How should KJ3001X1-BB1 12P0550X132 VE4001S2T2 be identified before a replacement is approved?	Compare every token in the complete marking, the installed position and the documented 24 v dc dry-contact discrete input card role. Confirm the KJ3001X1-BB1 12P0550X132 VE4001S2T2 marking and the installed Emerson DeltaV M-series Traditional I/O position.
What installed-system evidence should be retained before removing KJ3001X1-BB1 12P0550X132 VE4001S2T2?	Record the slot or mounting position, connected interfaces, status indications and the current Emerson DeltaV M-series Traditional I/O configuration. Photograph the complete label before disconnecting anything.
How should the interfaces for KJ3001X1-BB1 12P0550X132 VE4001S2T2 be checked during installation?	Map each connected interface to the as-found record and the applicable manufacturer documentation. Keep connector, keying and terminal assignments consistent with the as-found record.
What configuration boundary matters when commissioning KJ3001X1-BB1 12P0550X132 VE4001S2T2?	Use the approved Emerson DeltaV M-series Traditional I/O project and the exact hardware or assembly revision. Do not treat physical fit as proof that the stored configuration and interface assignment are correct.
How can a suspected KJ3001X1-BB1 12P0550X132 VE4001S2T2 fault be separated from field wiring or carrier faults?	Check supply and reference conditions first, then inspect the carrier, connectors and external wiring. Move to a controlled substitution only after the upstream and downstream paths have been documented.
What should be verified after fitting KJ3001X1-BB1 12P0550X132 VE4001S2T2 to the installed system?	Confirm normal status indications, communication or signal continuity and the intended control response under an approved test state. Record the as-left state and compare it with the approved acceptance baseline.
Can KJ3001X1-BB1 12P0550X132 VE4001S2T2 be replaced by a similar-looking assembly?	No direct equivalence is established by appearance. Compare the complete order code, revision, interface execution and system configuration before approving an alternative.
What handover record is appropriate after work on KJ3001X1-BB1 12P0550X132 VE4001S2T2?	Retain the offered and removed markings, connection photographs, configuration record, diagnostic observations, functional test result and any unresolved exception.

Lifecycle Status

KJ3001X1-BB1 12P0550X132 VE4001S2T2 status	A current lifecycle phase for this complete order code has not been confirmed.
Support and replacement	Match the complete identity, hardware execution and installed configuration when planning service.
Apter Power availability	The offered quantity and dispatch date are confirmed in the quotation.

Available Unit Details

Offered reference	Emerson KJ3001X1-BB1 12P0550X132 VE4001S2T2. Condition: New, original product.
Identity check	Verify KJ3001X1-BB1 12P0550X132 VE4001S2T2 against the installed marking, revision and interface execution.
Included items	Confirm the assembly, terminal hardware, cables and accessories in the quotation.

Alternative Names

Emerson KJ3001X1 BB1 12P0550X132 VE4001S2T2 | DeltaV VE4001S2T2 KJ3001X1-BB1 12P0550X132

Ordering checks

Match the complete marking	Compare KJ3001X1-BB1 12P0550X132 VE4001S2T2 with the installed label and the applicable Emerson documentation.
Check the offered item before ordering	Request photos of the offered KJ3001X1-BB1 12P0550X132 VE4001S2T2. Have the maintenance team compare the marking, interfaces and included items with the installed unit and applicable Emerson documentation.

Technical notes

Evidence scope	The official family table supports the 8-channel 24 V DC dry-contact function; the incomplete VE4001S2T2 code does not establish a B-suffix terminal execution.
Installation boundary	The exact installed carrier, terminals, cables and project configuration remain site-specific.
Technical reference	Emerson DeltaV M-series Traditional I/O Product Data Sheet, March 2026, and the complete supplied marking

What happens after you enquire

Review your reference	Send the complete KJ3001X1-BB1 12P0550X132 VE4001S2T2 marking, quantity and installed-system context.
Confirm the offer	Review the offered identity, condition, included items and delivery details.
Arrange dispatch	Confirm the accepted quantity and destination in the quotation.

Downloads

Technical reference, installation and commissioning guide, and this complete product information dossier.

Discuss the complete marking with Apter Power
sales13@apterpower.com | +86 18030235313

Related product references

Catalogue navigation only; these references are not identified as substitutes or compatibility claims.

Emerson KJ3222X1-BA1 12P2532X122 VE4033S2B1

Emerson KJ3222X1-BA1 12P2532X112 VE4003S2B2

Emerson KJ3201X1-BA1 12P2535X042 VE4001S2T2B2