Emerson KJ4001X1-CJ1 12P1902X032

Complete Product Information

Emerson KJ4001X1-CJ1 12P1902X032 is a 32-channel terminal block for high-density discrete field wiring in the DeltaV M-series I/O subsystem.

WHAT THIS PRODUCT DOES

Emerson KJ4001X1-CJ1 12P1902X032 is a 32-channel terminal block for high-density discrete field wiring in the DeltaV M-series I/O subsystem.

Product characteristic 1

Provides a high-density 32-channel field termination interface.

Product characteristic 2

Supports discrete input or output wiring according to the matched card.

Product characteristic 3

Uses keyed engagement to control card compatibility.

Product characteristic 4

Concentrates channel wiring while preserving individual conductor identity.

PRODUCT-PAGE TECHNICAL SNAPSHOT

Component type	32-channel terminal block
System family	DeltaV M-series Traditional I/O
Channel capacity	32 field channels
Wiring role	High-density discrete termination
Card relationship	Keyed to the assigned 32-channel card
Maintenance	No calibration

IMPORTANT NOTICE

Match the complete KJ4001X1-CJ1 12P1902X032 marking and documented interfaces before installation, then verify the intended technical response.

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Scan the approved WhatsApp code for model-specific support.

Features and technical data

TECHNICAL DATA SHOWN ON THE PRODUCT PAGE

Component type	32-channel terminal block
System family	DeltaV M-series Traditional I/O
Channel capacity	32 field channels
Wiring role	High-density discrete termination
Card relationship	Keyed to the assigned 32-channel card
Maintenance	No calibration

FEATURE INTERPRETATION

Product identity

Provides a high-density 32-channel field termination interface.

System role

Supports discrete input or output wiring according to the matched card.

Service context

Uses keyed engagement to control card compatibility.

Return-to-service focus

Concentrates channel wiring while preserving individual conductor identity.

SIGNAL OR CONTROL PATH

Field device → **Product interface** → **System channel** → **Verified response**

KJ4001X1-CJ1 12P1902X032 must remain matched to its documented system interface, mating hardware and controlled configuration.

PRODUCT-PAGE TECHNICAL QUESTIONS

Which component type applies to KJ4001X1-CJ1 12P1902X032?	The documented component type is 32-channel terminal block.

Common applications

The application groups below reproduce the model-specific uses presented on the product page and connect each use to a practical verification point.

High-density discrete input

Terminates multiple contact or status signals.

High-density discrete output

Connects controlled field loads to a compatible output card.

Package-unit marshalling

Organizes 32 digital field circuits in one carrier position.

DCS cabinet retrofit

Preserves terminal identity during compatible card replacement.

APPLICATION VERIFICATION MAP

High-density discrete input	Confirm the documented system position and the required operating function.
High-density discrete output	Compare the restored connection or control path with the approved record.
Package-unit marshalling	Check the physical interface and the retained configuration before startup.
DCS cabinet retrofit	Record diagnostics and the final controlled response before release.

INFORMATION CARRIED INTO THE WORK RECORD

Identity record

Complete marking and assigned system position.

Connection record

Connector, conductor and interface arrangement as found.

Configuration record

Controlled settings, application data and option state.

Acceptance record

Observed status, response and release decision.

IMPORTANT NOTICE

Use the complete product identifier for every application review; a related product link is not evidence of interchangeability.

APPLICATION QUESTIONS

What channel capacity should be checked on KJ4001X1-CJ1 12P1902X032?	The documented channel capacity is 32 field channels.
Why does wiring role matter when selecting KJ4001X1-CJ1 12P1902X032?	The documented wiring role is High-density discrete termination.
Where does KJ4001X1-CJ1 12P1902X032 use its stated card relationship?	The documented card relationship is Keyed to the assigned 32-channel card.

Product precautions and questions

EIGHT MODEL-SPECIFIC PRECAUTIONS

01	Match both identifiers and the assigned 32-channel card.
02	Label all 32 conductors before removal.
03	Record external power and common grouping.
04	De-energize field circuits before changes.
05	Preserve keying and connector orientation.
06	Inspect every terminal and high-density connection.
07	Exercise each used point after energization.
08	Confirm controller status and fail-safe behavior before release.

FREQUENTLY ASKED TECHNICAL QUESTIONS

Which component type applies to KJ4001X1-CJ1 12P1902X032?	The documented component type is 32-channel terminal block.
How is KJ4001X1-CJ1 12P1902X032 specified for system family?	The documented system family is DeltaV M-series Traditional I/O.
What channel capacity should be checked on KJ4001X1-CJ1 12P1902X032?	The documented channel capacity is 32 field channels.
Why does wiring role matter when selecting KJ4001X1-CJ1 12P1902X032?	The documented wiring role is High-density discrete termination.

IMPORTANT NOTICE	Confirm the complete KJ4001X1-CJ1 12P1902X032 identity, mating interface and controlled system position before return to service.

RELEASE CHECKLIST

Identity accepted	The complete product marking and assigned system position agree.
Interfaces accepted	Connections, retention and controlled configuration match the recorded condition.
Response accepted	Diagnostics and the intended technical response have been documented.

FAQ, configuration control and related models

ADDITIONAL TECHNICAL QUESTIONS

Where does KJ4001X1-CJ1 12P1902X032 use its stated card relationship?	The documented card relationship is Keyed to the assigned 32-channel card.
What value is documented for the maintenance of KJ4001X1-CJ1 12P1902X032?	The documented maintenance is No calibration.
Which records should be retained before removing KJ4001X1-CJ1 12P1902X032?	Record the complete marking, installed position, wiring, keying and controlled configuration before removal.
Which acceptance checks should follow installation of KJ4001X1-CJ1 12P1902X032?	Verify physical engagement, channel status, diagnostics and the intended signal or communication response before release.

CONFIGURATION CONTROL RECORD

Configuration identity	Emerson KJ4001X1-CJ1 12P1902X032
Technical boundary	Apply only the functions and interfaces shown for this product or its identified system family.
Selection control	Match the complete ordering string and installed interfaces before purchase or installation.

RELATED MODELS ON APTERPOWER

Emerson KJ4001X1-CC1 12P0733X032	Related product reference. Review the complete ordering string before selection.
Emerson PR6423/004-111 CON041	Related product reference. Compare the required interface and system position.
Emerson PR6423/00R-111 CON041	Related product reference. Confirm the execution independently for the intended task.

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