

Product dashboard

Emerson KJ4001X1-CJ1 12P1902X042 is retained as the complete supplied item marking for a DeltaV 32-channel terminal-block execution. Published electrical and environmental values are limited to the KJ4001X1-CJ1 base model documented by the manufacturer.

Exact model

KJ4001X1-CJ1
12P1902X042

Product type

32-Channel Terminal
Block

System family

DeltaV M-series

Functional role

DeltaV Terminal Block

PARAMETER	DOCUMENTED VALUE
Complete item marking	KJ4001X1-CJ1 12P1902X042
Documented base model	KJ4001X1-CJ1
Documented function	32-channel terminal block
Maximum input rating	30 V DC, 1 A
Operating temperature	-40 to 70°C
Storage temperature	-40 to 85°C
Relative humidity	5 to 95%, non-condensing
Airborne contaminants	ISA-S71.04-1985 G3

Release basis: verify the exact identity, retained host relationship, connected interfaces and controlled functional result.

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KJ4001X1-CJ1 12P1902X042

System overview

At the field-wiring boundary, KJ4001X1-CJ1 provides the termination interface between a 32-channel I/O position and its connected circuits. The 12P1902X042 suffix remains an identity control and is not used to infer undocumented revision features.

- 32-channel field interface**

Provides the documented terminal boundary for a compatible DeltaV I/O position.
- Replacement identity control**

Keeps the complete 12P1902X042 marking tied to the installed wiring record.
- Cabinet maintenance**

Supports controlled removal and retermination when every conductor is labeled first.
- Environmental acceptance**

Uses the documented temperature, humidity and G3 limits for the base model.

SYSTEM POSITION	RECORD
Installed identity	KJ4001X1-CJ1 12P1902X042
Host relationship	DeltaV M-series
Controlled function	32-channel field termination

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Technical data map

PARAMETER	VERIFIED VALUE
Complete item marking	KJ4001X1-CJ1 12P1902X042
Documented base model	KJ4001X1-CJ1
Documented function	32-channel terminal block
Maximum input rating	30 V DC, 1 A
Operating temperature	-40 to 70°C
Storage temperature	-40 to 85°C
Relative humidity	5 to 95%, non-condensing
Airborne contaminants	ISA-S71.04-1985 G3
Routine calibration	Not required for the terminal block

CONTROL BAND	VERIFICATION RECORD
Identity	Exact model and complete label
Mechanical	Form, seating and retention
Interfaces	Power, wiring, communication and protection
Configuration	Settings, project and revision
Release	32-channel field termination

Technical evidence record: Emerson DeltaV KJ-series hazardous-location product sheets

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Applications and precautions

1

Confirm the complete Emerson KJ4001X1-CJ1 12P1902X042 marking against the receiving record before work.

2

Place the connected process, rack, machinery and control functions in the approved maintenance state.

3

Record the installed position, wiring, terminal hardware, settings and companion components before removal.

4

Isolate every affected electrical and process-energy source and verify the safe state.

5

Protect keyed connectors, terminals and electronics from contamination, strain and electrostatic damage.

6

Restore only the recorded wiring, grounding, shielding, settings and matched companion hardware.

7

Energize in the controlled sequence and review every available module, rack and system diagnostic.

8

Function-test 32-channel field termination and retain the signed acceptance result before service release.

Complete each check against the installed record; hold release when any identity, connection, configuration or diagnostic result differs.

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Buyer and engineering FAQ

What is the documented purpose of Emerson KJ4001X1-CJ1 12P1902X042?

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Which product family contains Emerson KJ4001X1-CJ1 12P1902X042?

The documented base model belongs to the DeltaV M-series product family.

Which function is documented for Emerson KJ4001X1-CJ1 12P1902X042?

For the documented base model, documented function is 32-channel terminal block.

What channel or interface detail applies to Emerson KJ4001X1-CJ1 12P1902X042?

For the documented base model, maximum input rating is 30 V DC, 1 A.

Related Apter Power pages

[Emerson KJ4010X1-BF1 12P0831X072](#)

[Emerson KJ4010X1-BF1 12P0831X062](#)

[Emerson KJ3222X1-BA1 12P2532X072](#)

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