

Product dashboard

Emerson KJ3203X1-BA1 12P3270X032 is a DeltaV Series 2 discrete-input card identified by its complete item marking. Manufacturer data defines the KJ3203X1-BA1 base model as a 32-channel, 24 V DC dry-contact input card.

Exact model

KJ3203X1-BA1
12P3270X032

Product type

32-Channel 24 V DC
Dry-Contact Input Card

System family

DeltaV M-series

Functional role

DeltaV Discrete Input
Card

PARAMETER	DOCUMENTED VALUE
Complete item marking	KJ3203X1-BA1 12P3270X032
Documented base model	KJ3203X1-BA1
Input channels	32
Input type	24 V DC dry contact
On-state threshold	Greater than 2 mA
Off-state threshold	Less than 0.25 mA
Input resistance	Approximately 5 kilohm
LocalBus power	12 V DC at 75 mA maximum

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

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System overview

For dense status acquisition, KJ3203X1-BA1 reads thirty-two dry-contact points through a common-return input structure. The receiving position, 32-screw terminal block, field supply and channel-state thresholds must remain together in the acceptance record.

- High-density status input**

Collects thirty-two dry-contact states in one DeltaV I/O position.
- Field-contact monitoring**

Applies documented current thresholds to distinguish on and off states.
- Common-return wiring**

Uses the matched 32-screw terminal structure and retained return path.
- Diagnostic acceptance**

Compares each channel state with the controlled field-contact condition.

SYSTEM POSITION	RECORD
Installed identity	KJ3203X1-BA1 12P3270X032
Host relationship	DeltaV M-series
Controlled function	32-channel discrete status acquisition

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Technical data map

PARAMETER	VERIFIED VALUE
Complete item marking	KJ3203X1-BA1 12P3270X032
Documented base model	KJ3203X1-BA1
Input channels	32
Input type	24 V DC dry contact
On-state threshold	Greater than 2 mA
Off-state threshold	Less than 0.25 mA
Input resistance	Approximately 5 kilohm
LocalBus power	12 V DC at 75 mA maximum
Field power	24 V DC at 150 mA maximum
Terminal arrangement	Common return with 32-screw 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 discrete status acquisition

Technical evidence record: DeltaV M-series Traditional I/O, Emerson product data sheet

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Applications and precautions

1

Confirm the complete Emerson KJ3203X1-BA1 12P3270X032 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 discrete status acquisition 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 KJ3203X1-BA1 12P3270X032?

Emerson KJ3203X1-BA1 12P3270X032 is a DeltaV Series 2 discrete-input card identified by its complete item marking. Manufacturer data defines the KJ3203X1-BA1 base model as a 32-channel, 24 V DC dry-contact

Which product family contains Emerson KJ3203X1-BA1 12P3270X032?

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

Which function is documented for Emerson KJ3203X1-BA1 12P3270X032?

For the documented base model, input channels is 32.

What channel or interface detail applies to Emerson KJ3203X1-BA1 12P3270X032?

For the documented base model, input type is 24 V DC dry contact.

Related Apter Power pages

[Emerson WSNF8327A321MO](#)

[Emerson WSNF8551A409MO](#)

[Emerson VCCM8551G410MO](#)

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