Product dashboard

Emerson KJ3001X1-CB1 12P1985X062 is a 32-channel 24 V DC high-side discrete-output card. The manufacturer instruction identifies B4 keying and a controlled 0 to +60 °C operating range for this legacy execution.

Exact model	Product type	System family	Functional role
KJ3001X1-CB1 12P1985X062	DeltaV 32-Channel 24 V DC High-Side Discrete	DeltaV M-series Traditional I/O	Discrete Output Card

PARAMETER	DOCUMENTED VALUE
Exact model	KJ3001X1-CB1 12P1985X062
I/O function	Discrete output
Channels	32
Output type	24 V DC high side
Key position	B4
Operating temperature	0 to +60 °C
Field circuit classification	Non-sparking
Terminal execution	Match the installed 32-channel termination arrangement

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

CONTACT APTER POWER

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

KJ3001X1-CB1 12P1985X062

System overview

KJ3001X1-CB1 12P1985X062 groups thirty-two high-side output decisions in one keyed position, so load assignments, field supply and safe-state behavior must be preserved together.

Exact-position replacement

Matches KJ3001X1-CB1 12P1985X062 to the recorded host, position and companion hardware before changeout.

Interface restoration

Rebuilds the documented power, signal, keying and protective interfaces for KJ3001X1-CB1 12P1985X062.

Configuration-controlled service

Restores assignments and settings from the approved record instead of borrowing them from a neighboring device.

Acceptance and handover

Confirms diagnostics and a controlled functional response from KJ3001X1-CB1 12P1985X062 before release.

SYSTEM POSITION	RECORD
Installed identity	KJ3001X1-CB1 12P1985X062
Host relationship	DeltaV M-series Traditional I/O
Controlled function	switching thirty-two 24 V DC high-side field-output circuits

CONTACT APTER POWER

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

KJ3001X1-CB1 12P1985X062

Technical data map

PARAMETER	VERIFIED VALUE
Exact model	KJ3001X1-CB1 12P1985X062
I/O function	Discrete output
Channels	32
Output type	24 V DC high side
Key position	B4
Operating temperature	0 to +60 °C
Field circuit classification	Non-sparking
Terminal execution	Match the installed 32-channel termination arrangement
Configuration rule	Restore each output from the approved control drawing
Acceptance	Command, field voltage, load response and safe state verified

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	switching thirty-two 24 V DC high-side field-output circuits

Technical evidence record: Emerson-authored DeltaV scalable process system Zone 2 installation instruction

CONTACT APTER POWER

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

KJ3001X1-CB1 12P1985X062

Applications and precautions

1. Confirm the complete KJ3001X1-CB1 12P1985X062 marking and documented hardware role before work.
2. Place the connected process and controller hardware in the approved maintenance state.
3. Record the host position, companion parts, cable direction, terminal assignments and active configuration.
4. Isolate every documented power, signal and stored-energy source before disconnecting hardware.
5. Protect keyed connectors, electronic contacts and labeled field conductors during handling.
6. Restore only the recorded power, wiring, grounding, shielding and configuration arrangement.
7. Energize in a controlled sequence and review device, carrier, controller and field diagnostics.
8. Function-test switching thirty-two 24 V DC high-side field-output circuits and retain the acceptance record before service release.

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

CONTACT APTER POWER

WHATSAPP / PHONE	+86 180 3023 5313
EMAIL	sales13@apterpower.com
WEBSITE	www.apterpower.com

KJ3001X1-CB1 12P1985X062

Buyer and engineering FAQ

Which measurement or output path is served by KJ3001X1-CB1 12P1985X062?

KJ3001X1-CB1 12P1985X062 is documented for switching thirty-two 24 V DC high-side field-output circuits.

What prevents a look-alike unit from replacing KJ3001X1-CB1 12P1985X062 without review?

Match the entire model string, the installed position, keying, terminal hardware and approved system record before changeout.

What plant function is assigned to KJ3001X1-CB1 12P1985X062?

The verified value for channels is 32.

How should the complete identity of KJ3001X1-CB1 12P1985X062 be checked before replacement?

Its function depends on the documented receiving position and connected hardware; similar appearance does not establish interchangeability.

Related Apter Power pages

- Emerson PR9268-201-100
- Emerson PR6423-002-030
- Emerson CON021

CONTACT APTER POWER

WHATSAPP / PHONE	+86 180 3023 5313
EMAIL	sales13@apterpower.com
WEBSITE	www.apterpower.com

KJ3001X1-CB1 12P1985X062