Emerson

KJ2201X1-HA1 12P3322X022

DeltaV SIS SLS Terminal Block

This reference defines the engineering boundary of KJ2201X1-HA1 12P3322X022 using manufacturer-authored technical evidence and the exact supplied identity.

System position

Exact identity	System family	Functional role	Release basis
KJ2201X1-HA1 12P3322X022	DeltaV SIS	SLS Terminal Block	Recorded test and diagnostics

Control the identity boundary

Treat KJ2201X1-HA1 12P3322X022, its documented DeltaV SIS SLS Terminal Block role and the receiving DeltaV SIS position as one controlled identity.

IDENTITY / RESOURCE	DOCUMENTED VALUE
Exact model	KJ2201X1-HA1 12P3322X022
Hardware role	SLS terminal block
Platform	DeltaV SIS
Input power	30 V DC
Maximum current, A-B circuits	30 mA per channel
Maximum current, A-C circuits	1 A per channel

Technical evidence record: Emerson-authored KJ2201X1-HA1 SLS Terminal Block ATEX instruction sheet

CONTACT APTER POWER

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

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Interfaces and integration

Trace the installed signal path

Integration review proceeds through mechanical, electrical, configuration and diagnostic interfaces before a replacement decision is released.

Exact model	KJ2201X1-HA1 12P3322X022
Hardware role	SLS terminal block
Platform	DeltaV SIS

Define the receiving position

The host review links the physical slot, companion hardware and retained engineering revision to the offered item.

Host	DeltaV SIS
Primary role	termination of documented DeltaV SIS logic-solver field
Acceptance	Recorded diagnostic response

Interface control matrix

CONTROL BAND	VERIFICATION RECORD
Identity	Model, designation and complete label
Mechanical	Position, seating and retention
Electrical	Loop supply and field conductors
Processing	Range, limits and correction
Supervision	Supply, range and wire-break states
Release	Controlled test with retained result

Configuration ownership

Keep assigned channel values under the approved project record.

Acceptance ownership

Name the retained result that authorizes handover of the measurement path.

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Technical resource bands

Only capabilities tied to the exact execution appear here; operating assignments remain configuration-controlled.

PARAMETER	VALUE
Exact model	KJ2201X1-HA1 12P3322X022
Hardware role	SLS terminal block
Platform	DeltaV SIS
Input power	30 V DC
Maximum current, A-B circuits	30 mA per channel
Maximum current, A-C circuits	1 A per channel

PARAMETER	VALUE
Ambient temperature	-40 to +70 °C
Relative humidity	5 to 95%, non-condensing
Shock	10 g half-sine wave for 11 ms
Vibration	1 mm peak-to-peak from 2 to 13.2 Hz; 0.7 g from 13.2
Removal / insertion	Not permitted with system power energized
Calibration	Not required

Label decision

Accept the stated part number only when the complete installed identity agrees.

Circuit decision

Confirm the recorded field-circuit arrangement before reconnecting any loop.

Processing decision

Restore channel processing from the approved project rather than a neighboring position.

Evidence decision

Use diagnostic observations and a controlled response to support final handover.

Engineering boundary

A similar faceplate or matching channel total does not prove interchangeability. Resolve the host position, connection scheme and controlled revision before use.

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Controls and service logic

Identity control

Preserves the complete KJ2201X1-HA1 12P3322X022 execution.

Host integration

Matches the installed DeltaV SIS position.

Interface control

Retains power, signal, keying and protective connections.

Release control

Uses diagnostics and a functional test to close the work.

Service decision path

STEP	REQUIRED OUTCOME
1. Identify	Resolve label, designation and receiving position
2. Compare	Review circuit type, processing and supervision
3. Restore	Rebuild the recorded connection and configuration state
4. Demonstrate	Retain diagnostic and functional acceptance evidence

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Engineering decisions

What prevents a look-alike unit from replacing KJ2201X1-HA1 12P3322X022 without review?

KJ2201X1-HA1 12P3322X022 is documented for termination of documented DeltaV SIS logic-solver field circuits.

What plant function is assigned to KJ2201X1-HA1 12P3322X022?

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

How should the complete identity of KJ2201X1-HA1 12P3322X022 be checked before replacement?

The verified value for platform is DeltaV SIS.

Which documented value governs KJ2201X1-HA1 12P3322X022 maximum current, a-c circuits?

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

Why does KJ2201X1-HA1 12P3322X022 require its recorded terminal or companion hardware?

Record the full label, host position, wiring, connected devices, active settings and as-found diagnostics before isolation.

What evidence should be captured before removing KJ2201X1-HA1 12P3322X022?

Restore the documented interfaces, review diagnostics and functionally verify termination of documented DeltaV SIS logic-solver field circuits before release.

Related Apter Power pages

- Emerson KC4011X1-BZ1
- Emerson KJ2201X1-HA1
- Emerson KJ2201X1-BA1

Technical evidence record: Emerson-authored KJ2201X1-HA1 SLS Terminal Block ATEX instruction sheet

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