Emerson

KJ4001X1-NB1 12P3368X022

Left LocalBus Extender

This technical reference records only manufacturer-supported boundaries for Emerson KJ4001X1-NB1 12P3368X022. Undocumented suffix-specific features are intentionally excluded.

System position

Exact identity	System family	Functional role	Release basis
KJ4001X1-NB1 12P3368X022	DeltaV M-series	DeltaV LocalBus Extender	Recorded test and diagnostics

Control the identity boundary

At the left edge of a horizontal I/O carrier arrangement, KJ4001X1-NB1 provides the LocalBus extension boundary. The X022 item marking is retained exactly and is not normalized to the separately listed X012 execution.

IDENTITY / RESOURCE	DOCUMENTED VALUE
Complete item marking	KJ4001X1-NB1 12P3368X022
Documented base model	KJ4001X1-NB1
Documented position	Left LocalBus extender, one-wide
LocalBus rating	12 V DC, 8 A
Operating temperature	-40 to 70°C
Storage temperature	-40 to 85°C

Technical evidence record: DeltaV M-series Horizontal Carriers, Emerson product data sheet

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Interfaces and integration

Trace the installed signal path

Trace the installed power, signal, communication and terminal path before changing any hardware or configuration. Keep the complete item marking linked to the

Complete item marking	KJ4001X1-NB1 12P3368X022
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Documented position	Left LocalBus extender, one-wide

Define the receiving position

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

Host	DeltaV M-series
Primary role	left-hand LocalBus extension
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
Complete item marking	KJ4001X1-NB1 12P3368X022
Documented base model	KJ4001X1-NB1
Documented position	Left LocalBus extender, one-wide
LocalBus rating	12 V DC, 8 A
Operating temperature	-40 to 70°C

PARAMETER	VALUE
Storage temperature	-40 to 85°C
Relative humidity	5 to 95%, non-condensing
Airborne contaminants	ISA-S71.04-1985 G3
Shock	10 g, 11 ms half-sine
Vibration	1 mm peak-to-peak at 5 to 16 Hz; 0.5 g at 16 to 150

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

Left carrier extension

Continues the LocalBus from the documented left-side position.

Carrier replacement

Retains the installed orientation and neighboring-carrier sequence.

Power verification

Checks the 12 V DC LocalBus path and carrier loading before release.

Configuration control

Prevents the X022 item from being treated as the different X012 listing.

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 is the documented purpose of Emerson KJ4001X1-NB1 12P3368X022?

Emerson KJ4001X1-NB1 12P3368X022 is the supplied identity for a left-side, one-wide DeltaV LocalBus extender position. Published values are confined to the

Which product family contains Emerson KJ4001X1-NB1 12P3368X022?

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

Which function is documented for Emerson KJ4001X1-NB1 12P3368X022?

For the documented base model, documented position is Left LocalBus extender, one-wide.

What channel or interface detail applies to Emerson KJ4001X1-NB1 12P3368X022?

For the documented base model, localbus rating is 12 V DC, 8 A.

Which power boundary applies to Emerson KJ4001X1-NB1 12P3368X022?

For the documented base model, operating temperature is -40 to 70°C.

Which environmental limit applies to Emerson KJ4001X1-NB1 12P3368X022?

For the documented base model, storage temperature is -40 to 85°C.

Related Apter Power pages

- Emerson A6371-10
- Emerson A6370D
- Emerson A6312

Technical evidence record: DeltaV M-series Horizontal Carriers, Emerson product data sheet

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