

Emerson

KJ4001X1-NA1 12P3373X022

Right LocalBus Extender

This technical reference records only manufacturer-supported boundaries for Emerson KJ4001X1-NA1 12P3373X022. Undocumented suffix-specific features are intentionally excluded.

System position

Exact identity KJ4001X1-NA1 12P3373X022	System family DeltaV M-series	Functional role DeltaV LocalBus Extender	Release basis Recorded test and diagnostics
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Control the identity boundary

Within a horizontal I/O carrier assembly, KJ4001X1-NA1 forms the right-hand LocalBus extension boundary. The exact X022 marking must stay matched to the installed carrier and must not be substituted with the separately listed X012 execution.

IDENTITY / RESOURCE	DOCUMENTED VALUE
Complete item marking	KJ4001X1-NA1 12P3373X022
Documented base model	KJ4001X1-NA1
Documented position	Right 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-NA1 12P3373X022
Documented base model	KJ4001X1-NA1
Documented position	Right 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	right-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	PARAMETER	VALUE
Complete item marking	KJ4001X1-NA1 12P3373X022	Storage temperature	-40 to 85°C
Documented base model	KJ4001X1-NA1	Relative humidity	5 to 95%, non-condensing
Documented position	Right LocalBus extender, one-wide	Airborne contaminants	ISA-S71.04-1985 G3
LocalBus rating	12 V DC, 8 A	Shock	10 g, 11 ms half-sine
Operating temperature	-40 to 70°C	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

Horizontal-carrier extension

Continues the LocalBus from the right side of a compatible carrier.

Carrier-layout retention

Preserves the recorded left-to-right carrier sequence during replacement.

Power-path verification

Requires confirmation of the documented 12 V DC LocalBus boundary.

Revision control

Keeps X022 separate from other suffix executions with similar base markings.

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-NA1 12P3373X022?

Emerson KJ4001X1-NA1 12P3373X022 is the supplied identity for a right-side, one-wide DeltaV LocalBus extender position. Only KJ4001X1-NA1 base-model

Which product family contains Emerson KJ4001X1-NA1 12P3373X022?

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

Which function is documented for Emerson KJ4001X1-NA1 12P3373X022?

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

What channel or interface detail applies to Emerson KJ4001X1-NA1 12P3373X022?

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

Which power boundary applies to Emerson KJ4001X1-NA1 12P3373X022?

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

Which environmental limit applies to Emerson KJ4001X1-NA1 12P3373X022?

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

Related Apter Power pages

Emerson KJ3001X1-BJ1 12P0555X152

Emerson VE4002S1T1B2 KJ3001X1-BG1 12P0557X162

Emerson KJ3001X1-BA1 12P0549X112

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

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