

Product dashboard

Emerson KJ4002X1-BF2 12P3866X012 identifies a DeltaV bottom extender cable assembly. Current manufacturer carrier documentation specifies KJ4002X1-BF2 as the 1.2 m, 44-pin extender-cable execution.

Exact model

KJ4002X1-BF2
12P3866X012

Product type

1.2 m 44-Pin Extender
Cable

System family

DeltaV M-series

Functional role

DeltaV Carrier Extender
Cable

PARAMETER	DOCUMENTED VALUE
Complete item marking	KJ4002X1-BF2 12P3866X012
Documented base model	KJ4002X1-BF2
Cable length	1.2 m
Connector	44-pin extender cable
Assembly type	Bottom extender cable assembly
Electrical rating	12.6 V DC, 15 A
Operating temperature	-40 to 70°C
Storage temperature	-40 to 85°C

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

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KJ4002X1-BF2 12P3866X012

System overview

Between compatible horizontal carriers, KJ4002X1-BF2 continues the backplane connection through a documented 1.2 m cable. Acceptance depends on connector keying, cable length, bend protection and the controlled carrier-power path.

- Separated-carrier connection**

Extends the DeltaV backplane between compatible horizontal-carrier sections.
- Cabinet routing**

Supports a documented 1.2 m route without changing the carrier sequence.
- Maintenance replacement**

Keeps the complete cable identity and both keyed ends under one record.
- Power-boundary validation**

Requires verification of the carrier load before re-energization.

SYSTEM POSITION	RECORD
Installed identity	KJ4002X1-BF2 12P3866X012
Host relationship	DeltaV M-series
Controlled function	horizontal-carrier backplane extension

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Technical data map

PARAMETER	VERIFIED VALUE
Complete item marking	KJ4002X1-BF2 12P3866X012
Documented base model	KJ4002X1-BF2
Cable length	1.2 m
Connector	44-pin extender cable
Assembly type	Bottom extender cable assembly
Electrical rating	12.6 V DC, 15 A
Operating temperature	-40 to 70°C
Storage temperature	-40 to 85°C
Relative humidity	5 to 95%, non-condensing
Airborne contaminants	ISA-S71.04-1985 G3

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	horizontal-carrier backplane extension

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

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Applications and precautions

1

Confirm the complete Emerson KJ4002X1-BF2 12P3866X012 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 horizontal-carrier backplane extension 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 KJ4002X1-BF2 12P3866X012?

Emerson KJ4002X1-BF2 12P3866X012 identifies a DeltaV bottom extender cable assembly. Current manufacturer carrier documentation specifies KJ4002X1-BF2 as the 1.2 m, 44-pin extender-cable execution.

Which product family contains Emerson KJ4002X1-BF2 12P3866X012?

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

Which function is documented for Emerson KJ4002X1-BF2 12P3866X012?

For the documented base model, cable length is 1.2 m.

What channel or interface detail applies to Emerson KJ4002X1-BF2 12P3866X012?

For the documented base model, connector is 44-pin extender cable.

Related Apter Power pages

[Emerson EZ1081-07-00-010 + EZ1901-090](#)

[Emerson EZ1081-03-00-010 + EZ1901-090](#)

[Emerson EZ1081-04-00-010 + EZ1901-040](#)

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