

INDUSTRIAL AUTOMATION PRODUCT

KJ4006X1-BD1

DeltaV I/O terminal block

It provides the field-wiring termination interface for its assigned DeltaV I/O module.

IDENTITY	VERIFIED VALUE
Manufacturer	Emerson
System family	DeltaV S-series I/O termination
Part number	KJ4006X1-BD1
HS code	8537101190

APTER POWER SALES TEAM

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Technical Specifications

Technical values below are limited to the named Emerson product record.

PARAMETER	TECHNICAL VALUE
Part number	KJ4006X1-BD1
Platform	DeltaV
Hardware type	I/O terminal block

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED ASSIGNMENT
Installed host / carrier	Compatible DeltaV I/O card
Companion hardware	Assigned carrier position
Field connection	Field cable and shield system
Primary system function	Mounts at the assigned I/O position
Controlled acceptance duty	Process I/O termination

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System Role and Architecture

It provides the field-wiring termination interface for its assigned DeltaV I/O module.

FUNCTION 1

Mounts at the assigned I/O position

FUNCTION 2

Routes field conductors to the companion module

FUNCTION 3

Preserves channel and shield organization

FUNCTION 4

Supports controlled terminal-block replacement

Matched system components

- Compatible DeltaV I/O card
- Assigned carrier position
- Field cable and shield system
- Approved channel configuration

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	Compatible DeltaV I/O card
Companion hardware	Assigned carrier position
Field connection	Field cable and shield system
Primary system function	Mounts at the assigned I/O position
Controlled acceptance duty	Process I/O termination

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Applications and Engineering Context

Process I/O termination

Mounts at the assigned I/O position

Control-cabinet service

Routes field conductors to the companion module

Field-wiring migration

Preserves channel and shield organization

Channel commissioning

Supports controlled terminal-block replacement

TECHNICAL NOTE

Isolate field power, record every terminal and shield connection, verify the companion I/O card and keyed position, torque conductors to the applicable instructions, and function-test each channel.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	KJ4006X1-BD1 / KJ4006X1-BD1 recorded
Physical interface	Compatible DeltaV I/O card
Companion check	Assigned carrier position
Functional proof	Mounts at the assigned I/O position
Application test	Process I/O termination

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Engineering Precautions

1

Verify the complete KJ4006X1-BD1 marking and the assigned DeltaV S-series I/O termination position before work.

2

Place the connected machine or process in the approved maintenance state before disturbing KJ4006X1-BD1.

3

Isolate the applicable power and field energy, then confirm a safe state before disconnecting KJ4006X1-BD1.

4

Record connector, conductor, slot and configuration identities before removal of KJ4006X1-BD1.

5

Use ESD controls and protect keyed interfaces, exposed contacts and electronic assemblies during handling.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
1C31169G02	Related Emerson product	View 1C31169G02 page
FX-490	Related Emerson product	View FX-490 page
ES0350-M1A05L-27N0	Related Emerson product	View ES0350-M1A05L-27N0 page
960177-02	Related Emerson product	View 960177-02 page
KJ2003X1-BB1	Related Emerson product	View KJ2003X1-BB1 page
EC3-X33	Related Emerson product	View EC3-X33 page
FX-340	Related Emerson product	View FX-340 page
7379A31G04	Related Emerson product	View 7379A31G04 page

MANUFACTURER SOURCE RECORD

Emerson DeltaV hardware documentation and product marking

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