

KJ4006X1-BD1

DeltaV I/O terminal block

CONTROLLED ENGINEERING COPY

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.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	KJ4006X1-BD1
Manufacturer part	KJ4006X1-BD1
Hardware type	KJ4006X1-BD1
System family	DeltaV S-series I/O termination



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01 PRE-INSTALLATION PLAN

- 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.

MATCHED HARDWARE

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

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
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

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Part number	KJ4006X1-BD1
Platform	DeltaV
Hardware type	I/O terminal block

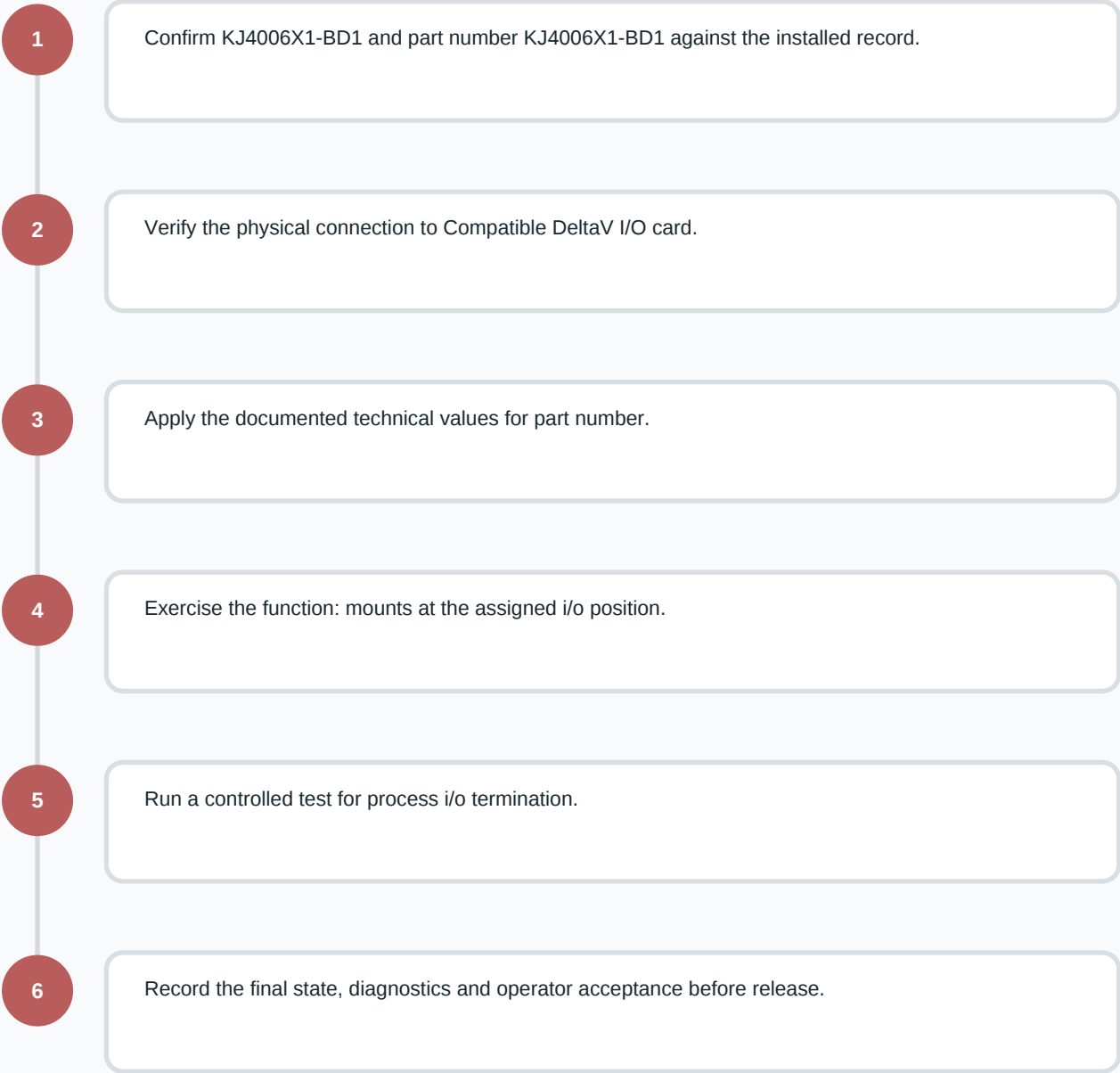
SYSTEM CONNECTION RECORD

CONNECTION ITEM	DOCUMENTED 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

FIELD 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.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	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

04 RETURN-TO-SERVICE RECORD

- ☐ Confirm that the installed companion hardware and approved project match the KJ4006X1-BD1 arrangement.
- ☐ Restore power in a controlled sequence and review device, rack and host diagnostics.
- ☐ Prove the intended function and retain the final test result before returning KJ4006X1-BD1 to service.
- ☐ Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	KJ4006X1-BD1
INSTALLED POSITION	Documented DeltaV S-series I/O termination position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
KJ3224X1-EA1-12P4367 X022	Related Emerson product	View KJ3224X1-EA1-12P4367X022 page
FSROC-EXP-EXP	Related Emerson product	View FSROC-EXP-EXP page
A6560	Related Emerson product	View A6560 page
A6120	Related Emerson product	View A6120 page
A6312-06	Related Emerson product	View A6312-06 page
IC695CPE330	Related Emerson product	View IC695CPE330 page
A6210	Related Emerson product	View A6210 page
A6110	Related Emerson product	View A6110 page

SOURCE IDENTIFIERS

Emerson DeltaV hardware documentation and product marking

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