1

01 Readiness and operating boundary

Before isolation, reconcile the complete label with the host drawing and capture the as-found installation.

Capture the installed identity

Confirm the complete KJ3001X1-CA1 12P1980X062 marking and documented hardware role before work.

Exact model	KJ3001X1-CA1 12P1980X062
I/O function	Discrete input
Channels	32

Prove the work boundary

Place the connected process and controller hardware in the approved maintenance state.

Identity	KJ3001X1-CA1 12P1980X062
Host	DeltaV M-series Traditional I/O
Acceptance	Isolation and label record

PAGE TRACE	REQUIRED ENTRY
Inspector	_____
Result	Pass / hold / corrective action
Record	Date, diagnostic state and release reference

CONTACT APTER POWER

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

KJ3001X1-CA1 12P1980X062

2

02 Configuration and interface setup

Translate retained records into a controlled map of position, connections, keying and configuration.

Build the channel map

Record the host position, companion parts, cable direction, terminal assignments and active configuration.

I/O function	Discrete input
Channels	32
Input type	24 V DC dry contact

Classify every field circuit

Create a point-by-point map of every affected connector, terminal and configuration assignment.

Identity	KJ3001X1-CA1 12P1980X062
Host	DeltaV M-series Traditional I/O
Acceptance	Channel map approved

PAGE TRACE	REQUIRED ENTRY
Inspector	_____
Result	Pass / hold / corrective action
Record	Date, diagnostic state and release reference

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3

03 Installation and service sequence

Install the exact hardware and rebuild each interface without changing the documented architecture.

Restore the physical assembly

Isolate every documented power, signal and stored-energy source before disconnecting hardware.

Channels	32
Input type	24 V DC dry contact
Key position	B3

Apply controlled settings

Protect keyed connectors, electronic contacts and labeled field conductors during handling.

Identity	KJ3001X1-CA1 12P1980X062
Host	DeltaV M-series Traditional I/O
Acceptance	Assembly and settings restored

PAGE TRACE	REQUIRED ENTRY
Inspector	_____
Result	Pass / hold / corrective action
Record	Date, diagnostic state and release reference

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4

04 Verification and fault isolation

Energize under controlled conditions and observe all available device, carrier and system diagnostics.

Observe supervised states

Restore only the recorded power, wiring, grounding, shielding and configuration arrangement.

Input type	24 V DC dry contact
Key position	B3
Operating temperature	0 to +60 °C

Exercise fault indications

Energize in a controlled sequence and review device, carrier, controller and field diagnostics.

Identity	KJ3001X1-CA1 12P1980X062
Host	DeltaV M-series Traditional I/O
Acceptance	Supervision response recorded

PAGE TRACE	REQUIRED ENTRY
Inspector	_____
Result	Pass / hold / corrective action
Record	Date, diagnostic state and release reference

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5

05 Acceptance and service handover

Release the equipment only after identity, installation and functional evidence are recorded together.

Compile the acceptance package

Function-test acquisition of thirty-two 24 V DC dry-contact field states and retain the acceptance record before service release.

Exact model	KJ3001X1-CA1 12P1980X062
I/O function	Discrete input
Channels	32

Authorize the handover

Attach the as-left diagnostic state and named release owner to the handover record.

Identity	KJ3001X1-CA1 12P1980X062
Host	DeltaV M-series Traditional I/O
Acceptance	Release evidence complete

Emerson KJ2231X1-EA1

Emerson KJ3001X1-BA1 12P0549X112

Emerson VE4002S1T1B2 KJ3001X1-BG1 12P0557X162

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WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

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