1

01 Readiness and operating boundary

Reconcile the complete item marking with the receiving position and capture the as-found installation before isolation.

Capture the installed identity

Confirm the complete Emerson SLS1508 KJ2201X1-BA1 12P3162X162 marking against the receiving record before work.

Complete item marking	SLS1508 KJ2201X1-BA1 12P3162X162
Documented base model	KJ2201X1-BA1
Documented product	SLS1508 SIS Logic Solver

Prove the work boundary

Place the connected process, rack, machinery and control functions in the approved maintenance state.

Identity	SLS1508 KJ2201X1-BA1 12P3162X162
Host	DeltaV M-series
Acceptance	Isolation and label record

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

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SLS1508 KJ2201X1-BA1 12P31

2

02 Configuration and interface setup

Convert retained records into a controlled map of power, signal, communication, terminal and configuration interfaces.

Build the channel map

Record the installed position, wiring, terminal hardware, settings and companion components before removal.

Documented base model	KJ2201X1-BA1
Documented product	SLS1508 SIS Logic Solver
LocalBus power	24 V DC at 1 A

Classify every field circuit

Create a point-by-point map of every affected connector, terminal, channel, address and setting.

Identity	SLS1508 KJ2201X1-BA1 12P3162X162
Host	DeltaV M-series
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 identity and rebuild each interface without altering the approved architecture.

Restore the physical assembly

Isolate every affected electrical and process-energy source and verify the safe state.

Documented product	SLS1508 SIS Logic Solver
LocalBus power	24 V DC at 1 A
Field power	24 V DC at 4 A maximum

Apply controlled settings

Protect keyed connectors, terminals and electronics from contamination, strain and electrostatic damage.

Identity	SLS1508 KJ2201X1-BA1 12P3162X162
Host	DeltaV M-series
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 every available module, rack, process and system diagnostic.

Observe supervised states

Restore only the recorded wiring, grounding, shielding, settings and matched companion hardware.

LocalBus power	24 V DC at 1 A
Field power	24 V DC at 4 A maximum
Functional-safety use	Suitable for SIL 3 applications when applied in the approved architecture

Exercise fault indications

Energize in the controlled sequence and review every available module, rack and system diagnostic.

Identity	SLS1508 KJ2201X1-BA1 12P3162X162
Host	DeltaV M-series
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 SIL 3 safety-logic execution and retain the signed acceptance result before service release.

Complete item marking	SLS1508 KJ2201X1-BA1 12P3162X162
Documented base model	KJ2201X1-BA1
Documented product	SLS1508 SIS Logic Solver

Authorize the handover

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

Identity	SLS1508 KJ2201X1-BA1 12P3162X162
Host	DeltaV M-series
Acceptance	Release evidence complete

Emerson 3900-02-10

Emerson KJ2201X1-BA1

Emerson KC4011X1-BW1

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