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01 Readiness and operating boundary

Siemens 6DL3100-8AA is an AddFEM front end module for SIMADYN D and TELEPERM XP integration. The documented -8AA execution provides the basic I/O function through its assigned PROFIBUS DP configuration.

Confirm exact identity

Confirm the complete 6DL3100-8AA marking before work.

Exact model	6DL3100-8AA
Product designation	AddFEM
Hardware type	Front end module

Establish the safe work boundary

Place the affected equipment in its approved maintenance state.

Identity	6DL3100-8AA
Host	SIMADYN D / TELEPERM XP
Acceptance	Diagnostics and functional response

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

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6DL3100-8AA

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02 Configuration and interface setup

The 6DL3100-8AA transfers the configured AddFEM I/O between a matched host and field-side channels while preserving the exact GSD model and redundancy arrangement.

Record the as-found configuration

Isolate connected energy and prove the circuit safe.

Product designation	AddFEM
Hardware type	Front end module
Documented function	Basic I/O

Map connections and settings

Photograph the slot, wiring, connectors and settings before removal.

Identity	6DL3100-8AA
Host	SIMADYN D / TELEPERM XP
Acceptance	Diagnostics and functional response

PAGE TRACE	REQUIRED ENTRY
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03 Installation and service sequence

The 6DL3100-8AA transfers the configured AddFEM I/O between a matched host and field-side channels while preserving the exact GSD model and redundancy arrangement.

Restore the documented assembly

Match every documented interface and companion component.

Hardware type	Front end module
Documented function	Basic I/O
Host examples	SIMADYN D / TXP AS 620 T

Protect every interface

Restore mechanical retention, shielding and protective earth.

Identity	6DL3100-8AA
Host	SIMADYN D / TELEPERM XP
Acceptance	Diagnostics and functional response

PAGE TRACE	REQUIRED ENTRY
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04 Verification and fault isolation

The 6DL3100-8AA transfers the configured AddFEM I/O between a matched host and field-side channels while preserving the exact GSD model and redundancy arrangement.

Verify the installed function

Review hardware, network and controller diagnostics after energization.

Documented function	Basic I/O
Host examples	SIMADYN D / TXP AS 620 T
GSD model	Si0180A3.GS?

Isolate unexpected response

Functionally verify front-end I/O integration in a documented SIMADYN D or TELEPERM XP architecture before service release.

Identity	6DL3100-8AA
Host	SIMADYN D / TELEPERM XP
Acceptance	Diagnostics and functional response

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

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05 Acceptance and service handover

The 6DL3100-8AA transfers the configured AddFEM I/O between a matched host and field-side channels while preserving the exact GSD model and redundancy arrangement.

Complete the release record

Confirm the complete 6DL3100-8AA marking before work.

Exact model	6DL3100-8AA
Product designation	AddFEM
Hardware type	Front end module

Retain acceptance evidence

Place the affected equipment in its approved maintenance state.

Identity	6DL3100-8AA
Host	SIMADYN D / TELEPERM XP
Acceptance	Diagnostics and functional response

Siemens 6RY1803-0AA25-0AA1 - View Apter Power product page

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