Product dashboard

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.

Exact model	Product type	System family	Functional role
6DL3100-8AA	AddFEM Front End Module	SIMADYN D / TELEPERM XP	Front End Module

PARAMETER	DOCUMENTED VALUE
Exact model	6DL3100-8AA
Product designation	AddFEM
Hardware type	Front end module
Documented function	Basic I/O
Host examples	SIMADYN D / TXP AS 620 T
GSD model	Si0180A3.GS?
Power requirement	24 V DC PELV or SELV
Equipment class	Open equipment / open type

Release basis: verify the exact identity, retained host relationship, connected interfaces and controlled functional result.

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6DL3100-8AA

System overview

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.

Installed-system renewal

Restores the documented 6DL3100-8AA position while keeping the approved host and interfaces.

Controlled maintenance

Supports as-found recording, safe isolation and exact connection restoration.

Compatibility review

Compares the full marking, host, connectors, settings and companion hardware.

Commissioning evidence

Records diagnostics and a controlled functional test of front-end I/O integration in a documented SIMADYN D or TELEPERM XP architecture.

SYSTEM POSITION	RECORD
Installed identity	6DL3100-8AA

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Technical data map

PARAMETER	VERIFIED VALUE
Exact model	6DL3100-8AA
Product designation	AddFEM
Hardware type	Front end module
Documented function	Basic I/O
Host examples	SIMADYN D / TXP AS 620 T
GSD model	Si0180A3.GS?
Power requirement	24 V DC PELV or SELV
Equipment class	Open equipment / open type
Protection degree	IP20
Acceptance	GSD match, I/O diagnostics and redundancy state

CONTROL BAND	VERIFICATION RECORD
Identity	Exact model and complete label
Mechanical	Form, seating and retention
Interfaces	Power, wiring, communication and protection
Configuration	Settings, project and revision
Release	front-end I/O integration in a documented SIMADYN D or TELEPERM XP architecture

Technical evidence record: Siemens AddFEM Manual A5E00075541C-06

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Applications and precautions

1. Confirm the complete 6DL3100-8AA marking before work.
2. Place the affected equipment in its approved maintenance state.
3. Isolate connected energy and prove the circuit safe.
4. Photograph the slot, wiring, connectors and settings before removal.
5. Match every documented interface and companion component.
6. Restore mechanical retention, shielding and protective earth.
7. Review hardware, network and controller diagnostics after energization.
8. Functionally verify front-end I/O integration in a documented SIMADYN D or TELEPERM XP architecture before service release.

Complete each check against the installed record; hold release when any identity, connection, configuration or diagnostic result differs.

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6DL3100-8AA

Buyer and engineering FAQ

What does 6DL3100-8AA identify?

6DL3100-8AA identifies the addfem front end module used for front-end I/O integration in a documented SIMADYN D or TELEPERM XP architecture.

Which installed system must 6DL3100-8AA match?

Match 6DL3100-8AA to the recorded SIMADYN D / TELEPERM XP host, position and companion hardware.

Which markings must be checked on 6DL3100-8AA?

Verify the complete 6DL3100-8AA text and every suffix, revision or assembly marking on the supplied item.

What should be recorded before removing 6DL3100-8AA?

Record the slot, connectors, cable labels, switches, parameters, adjacent hardware and diagnostic state.

Related Apter Power pages

Siemens 6RY1803-0DA03 - View Apter Power product page

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