

6DD1606-1AA0

Processor Module

Siemens 6DD1606-1AA0 is a SIMADYN D PT2 technology processor module for legacy digital control systems. It is a discontinued product and must be matched to the documented rack and project configuration.

IDENTITY	VERIFIED VALUE
Manufacturer	Siemens
Complete model	6DD1606-1AA0
Product role	Processor Module
System family	SIMADYN D PT2 Technology Processor
Country of origin	Germany

DOCUMENT SCOPE

Exact identity, manufacturer-supported technical data, installation checks, applications, precautions and controlled verification records.

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6DD1606-1AA0

Technical Specifications

PARAMETER	VERIFIED VALUE
Complete model	6DD1606-1AA0
Module type	SIMADYN D processor module PT2 technology
Product status	Discontinued product
System	SIMADYN D
Country of origin	Germany

Model-Specific Engineering Note

ENGINEERING BOUNDARY

Use only the complete Siemens 6DD1606-1AA0 identity and the current manufacturer documentation. Confirm installed hardware, wiring, firmware or parameter compatibility and the approved maintenance record before replacement or release.

Pre-Installation Checks

NO.	REQUIRED CHECK
1	Verify the complete Siemens 6DD1606-1AA0 marking before work.
2	Review the current Siemens source documentation and the installed-system record.
3	Record the slot, connector, terminal and companion-hardware arrangement before removal.
4	Place the controller, drive or machine in the approved maintenance state before handling.
5	Use ESD controls and protect keyed connectors, terminals and circuit-board components.

System Role and Architecture

Siemens 6DD1606-1AA0 is a SIMADYN D PT2 technology processor module for legacy digital control systems. It is a discontinued product and must be matched to the documented rack and project configuration.

FUNCTION 1
PT2 technology processor

FUNCTION 2
SIMADYN D rack use

FUNCTION 3
Legacy project execution

FUNCTION 4
Controlled spare replacement

Common Applications

APPLICATION	ENGINEERING CONTEXT
Process control	Executes documented SIMADYN D control functions.
Machine control	Supports legacy deterministic control projects.
Retrofit maintenance	Maintains an installed SIMADYN D configuration.
Spare replacement	Replaces only an exact approved 6DD1606-1AA0 module.

CONTROLLED ACCEPTANCE DUTY

Confirm identity, physical interface, companion hardware, configured values and functional response against the installed-system record before release.

Engineering Precautions

NO.	PRECAUTION
1	Verify the complete Siemens 6DD1606-1AA0 marking before work.
2	Review the current Siemens source documentation and the installed-system record.
3	Record the slot, connector, terminal and companion-hardware arrangement before removal.
4	Place the controller, drive or machine in the approved maintenance state before handling.
5	Use ESD controls and protect keyed connectors, terminals and circuit-board components.
6	Confirm the documented electrical and interface values for 6DD1606-1AA0 before energization.
7	Restore wiring, shielding, grounding and mechanical retention exactly as documented.
8	Run model-specific diagnostics and a controlled functional test before production release.

Model-Specific FAQ - Part 1

QUESTION	ANSWER
What is Siemens 6DD1606-1AA0?	Siemens 6DD1606-1AA0 is a SIMADYN D PT2 technology processor module for legacy digital control systems. It is a discontinued product and must be matched to the documented rack and project configuration.
Which product family includes 6DD1606-1AA0?	The official manufacturer record identifies it within the SIMADYN D PT2 Technology Processor family.
Which exact identity must be retained?	Record the complete Siemens 6DD1606-1AA0 marking; do not shorten or replace the suffix.
Which key technical value is documented?	Module type: SIMADYN D processor module PT2 technology.

Model-Specific FAQ - Part 2

QUESTION	ANSWER
What must be checked before removal?	Record the slot, connectors, terminals, companion hardware and configured function from the installed system.
Can a nearby model be substituted?	No. A different suffix or family member requires documented electrical, mechanical, firmware and interface approval.
What installation controls are required?	Use the current manufacturer procedure, approved maintenance state, ESD controls and the documented wiring and grounding arrangement.
What confirms successful commissioning?	Identity and connections match the record, diagnostics pass and the controlled functional test has no unexplained fault.

MANUFACTURER SOURCE RECORD

Siemens 6DD1606-1AA0 Product Details
Siemens SiePortal exact product record; discontinued product

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