

Installation Identity and Scope

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.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	6DD1606-1AA0
Manufacturer	Siemens
Hardware type	Processor Module
System family	SIMADYN D PT2 Technology Processor
Official source	Siemens SiePortal exact product record; discontinued product

CONTROLLED ENGINEERING COPY

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.

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6DD1606-1AA0

Pre-Installation Plan

NO.	REQUIRED ACTION
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.

Matched Hardware

CONTROL ITEM	REQUIRED RECORD
Identity	6DD1606-1AA0
Physical interface	SIMADYN D rack
Companion check	Project software and backup
Configuration	Documented I/O and communications
Functional proof	Diagnostics and controlled restart

RELEASE HOLD POINT

Do not disturb the installed device until the exact marking, connections, companion hardware and configured function are documented.

Wiring and Interface Checks

CHECK	MODEL-SPECIFIC REQUIREMENT
Identity	Record Siemens 6DD1606-1AA0 exactly.
Installed position	Record rack, slot and mounting orientation.
Connectors	Label every keyed connector and terminal.
Companion hardware	Verify the documented controller, rack or field device.
Power	Confirm supply and isolation requirements.
Configuration	Back up parameters, firmware and network settings where applicable.
Grounding	Restore shielding and protective grounding.
Function	Run diagnostics and the controlled functional test.

CONFIGURATION 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.

Expected Technical Values

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

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	Siemens 6DD1606-1AA0 is recorded without abbreviation.
Interface	Connectors, terminals and companion hardware match the approved record.
Configuration	Electrical, firmware and parameter values are verified.
Operation	Diagnostics and the controlled functional test are acceptable.

Technical Questions to Resolve

QUESTION	ENGINEERING 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.

Source and Controlled Release

MANUFACTURER SOURCE RECORD

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

Controlled Release Summary

RELEASE ITEM	REQUIRED EVIDENCE
Identity	6DD1606-1AA0 recorded
Interface	Connections and companion hardware verified
Configuration	Installed values agree with approved record
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