

Installation Identity and Scope

Siemens 6DD1606-2AC0 is a SIMADYN D PT20G 16-bit, 20 MHz processor module with one SITOR interface. It is a spare-part product for a documented legacy control configuration.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	6DD1606-2AC0
Manufacturer	Siemens
Hardware type	Processor Module
System family	SIMADYN D PT20G Technology Processor
Official source	Siemens SiePortal exact product record; PT20G, 16 bit, 20 MHz, one SITOR interface

CONTROLLED ENGINEERING COPY

Use only the complete Siemens 6DD1606-2AC0 identity and the current manufacturer documentation. Confirm installed hardware, wiring, firmware or parameter compatibility and the approved maintenance record before replacement or release.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Siemens 39RTMCAN-16207-61-13	View Siemens 39RTMCAN-16207-61-13
Siemens 39SAMCAN-16133-71-04	View Siemens 39SAMCAN-16133-71-04
APTER POWER SALES TEAM WHATSAPP / PHONE +86 180 3023 5313 EMAIL sales13@apterpower.com WEBSITE www.apterpower.com  6DD1606-2AC0	

Pre-Installation Plan

NO.	REQUIRED ACTION
1	Verify the complete Siemens 6DD1606-2AC0 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.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Siemens 39SAMCAN-16133-71-9	View Siemens 39SAMCAN-16133-71-9
Siemens 39SDM024DCCBN-16101-174-8	View Siemens 39SDM024DCCBN-16101-174-8
Siemens 39VIMCCN-16171-126-3	View Siemens 39VIMCCN-16171-126-3
Siemens 39VIMCCN-16171-126-6	View Siemens 39VIMCCN-16171-126-6

Matched Hardware

CONTROL ITEM	REQUIRED RECORD
Identity	6DD1606-2AC0
Physical interface	SIMADYN D rack
Companion check	SITOR interface wiring
Configuration	Project software and backup
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 6DD1606-2AC0 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.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Siemens 39VIMCCN-A5E00282175-07	View Siemens 39VIMCCN-A5E00282175-07
Siemens 3RN2011-1BA30	View Siemens 3RN2011-1BA30
Siemens 3RT5044-1AN20	View Siemens 3RT5044-1AN20
Siemens 3RT6015-1BB41	View Siemens 3RT6015-1BB41
Siemens 3RT6024-1AN20	View Siemens 3RT6024-1AN20
Siemens 3RT6025-1AN20	View Siemens 3RT6025-1AN20

CONFIGURATION BOUNDARY

Use only the complete Siemens 6DD1606-2AC0 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	6DD1606-2AC0
Processor technology	PT20G
Processor width	16 bit
Clock frequency	20 MHz

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	Siemens 6DD1606-2AC0 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 6DD1606-2AC0?	Siemens 6DD1606-2AC0 is a SIMADYN D PT20G 16-bit, 20 MHz processor module with one SITOP interface. It is a spare-part product for a documented legacy control configuration.
Which product family includes 6DD1606-2AC0?	The official manufacturer record identifies it within the SIMADYN D PT20G Technology Processor family.
Which exact identity must be retained?	Record the complete Siemens 6DD1606-2AC0 marking; do not shorten or replace the suffix.

Related Products on Apter Power Which exact identity must be retained? Processor technology: PT20G.

MODEL	APTER POWER PAGE
Siemens 3SK2122-1AA10	View Siemens 3SK2122-1AA10
Siemens 3TF5422-0XM0	View Siemens 3TF5422-0XM0
Siemens 3TY7540-0A	View Siemens 3TY7540-0A
Siemens 3TY7560-0A	View Siemens 3TY7560-0A
Siemens 3VL9300-3HF05	View Siemens 3VL9300-3HF05
Siemens 505-7003	View Siemens 505-7003

Source, Related Products and Release

MODEL	APTER POWER PAGE
Siemens 562-001	View Siemens 562-001
Siemens 6AG1195-7HD10-2XA0	View Siemens 6AG1195-7HD10-2XA0
Siemens 6AR1304-0CA00-0AA0	View Siemens 6AR1304-0CA00-0AA0
Siemens 6AR1306-0DC00-0AA0	View Siemens 6AR1306-0DC00-0AA0
Siemens 6AU1435-2AD00-0AA0	View Siemens 6AU1435-2AD00-0AA0
Siemens 6AU1455-2AD00-0AA0	View Siemens 6AU1455-2AD00-0AA0
Siemens 6AV2123-2DB03-0AX0	View Siemens 6AV2123-2DB03-0AX0
Siemens 6AV2124-0GC01-0AX0	View Siemens 6AV2124-0GC01-0AX0
Siemens 6AV2124-0JC01-0AX0	View Siemens 6AV2124-0JC01-0AX0
Siemens 6AV2124-0MC01-0AX0	View Siemens 6AV2124-0MC01-0AX0

MANUFACTURER SOURCE RECORD

Siemens 6DD1606-2AC0 Product Details
Siemens SiePortal exact product record; PT20G, 16 bit, 20 MHz, one SITOP interface

Controlled Release Summary

RELEASE ITEM	REQUIRED EVIDENCE
Identity	6DD1606-2AC0 recorded
Interface	Connections and companion hardware verified
Configuration	Installed values agree with approved record
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