

INDUSTRIAL AUTOMATION PRODUCT

6SL3040-1LA00-0AA0

SINAMICS S120 CU310-2 DP Control Unit

Siemens 6SL3040-1LA00-0AA0 is the documented SINAMICS S120 CU310-2 DP Control Unit for the SINAMICS S120.

IDENTITY	VERIFIED VALUE
Manufacturer	Siemens
System family	SINAMICS S120
Part number	6SL3040-1LA00-0AA0
Product role	Exact article identity: 6SL3040-1LA00-0AA0
Lifecycle	Installed product record

DOCUMENT SCOPE

Exact-article identity, technical data, host role, installation checks, applications, precautions and engineering verification.

MODEL-SPECIFIC ENGINEERING NOTE

Install 6SL3040-1LA00-0AA0 only in the documented SINAMICS S120 position.

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6SL3040-1LA00-0AA0

Technical Specifications

Technical values below are limited to the named Siemens product record and directly applicable manufacturer documentation.

PARAMETER	VALUE	PARAMETER	VALUE
Control unit	CU310-2 DP	CompactFlash card	Not included
Fieldbus	PROFIBUS DP	Product status	Active product

Verified Product Record

DATA GROUP	VERIFIED VALUE
Installed host / carrier	SINAMICS S120
Primary system role	Exact article identity: 6SL3040-1LA00-0AA0
Connection boundary	Install 6SL3040-1LA00-0AA0 only in the documented SINAMICS S120 position.
Controlled acceptance duty	SINAMICS S120 planned maintenance

ENGINEERING BOUNDARY

Confirm 6SL3040-1LA00-0AA0, host hardware, connections, configuration and controlled test results before release.

Pre-Installation Checks

1	Confirm the complete 6SL3040-1LA00-0AA0 marking and the installed SINAMICS S120 position.	2	Place the driven machine and associated process in the approved maintenance state.
3	Isolate incoming power, prove stored DC-link energy discharged and use ESD controls.	4	Record every power, control, feedback, communication and protective-earth connection before removal.

Documented Service Record

RECORD ITEM	REQUIRED ENTRY
As-found article	6SL3040-1LA00-0AA0
Installed host	SINAMICS S120
Connection record	Capture before removal
Controlled release	Diagnostics and functional proof

TECHNICAL IDENTITY CROSS-CHECK

Control unit CU310-2 DP	Fieldbus PROFIBUS DP
CompactFlash card Not included	Product status Active product

System Role and Architecture

Siemens 6SL3040-1LA00-0AA0 is the documented SINAMICS S120 CU310-2 DP Control Unit for the SINAMICS S120.

FUNCTION 1
Exact article identity: 6SL3040-1LA00-0AA0

FUNCTION 2
Documented component: SINAMICS S120 CU310-2 DP Control Unit

FUNCTION 3
Installed family: SINAMICS S120

FUNCTION 4
Controlled replacement and verification workflow

Matched System Components

NO.	DOCUMENTED COMPONENT / ROLE
1	SINAMICS S120
2	PROFIBUS DP
3	SINAMICS S120 planned maintenance
4	Install 6SL3040-1LA00-0AA0 only in the documented SINAMICS S120 position.

System Integration Record

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	SINAMICS S120
Interface role	Exact article identity: 6SL3040-1LA00-0AA0
Field / power context	The component is used with the exact host, connectors, power interfaces and configuration identified for 6SL3040-1LA00-0AA0.
Commissioning evidence	Complete a controlled no-load or safe-point functional test before returning the machine to service.

Installation and Connection Checks

1 Verify the installed host hardware and all values documented for 6SL3040-1LA00-0AA0 against the official source.

2 Restore the approved hardware execution, connector arrangement and project or parameter record.

3 Energize in the prescribed sequence and review drive, board and communication diagnostics.

4 Complete a controlled no-load or safe-point functional test before returning the machine to service.

MANUFACTURER SOURCE RECORD

Siemens Industry Mall Product Record
6SL3040-1LA00-0AA0

Applications and Engineering Context

SINAMICS S120 planned maintenance

Restores the documented CU310-2 DP control unit for a single-axis SINAMICS S120 drive during a controlled cabinet service.

SINAMICS S120 CU310-2 DP Control Unit replacement

Uses the exact 6SL3040-1LA00-0AA0 identity to avoid an adjacent hardware execution.

Drive-system refurbishment

Preserves the recorded power, control, communication and protective-earth arrangement.

Controlled recommissioning

Confirms diagnostics and the affected drive function before automatic operation.

TECHNICAL NOTE

Install 6SL3040-1LA00-0AA0 only in the documented SINAMICS S120 position.

Model-Specific Acceptance Evidence

CHECK	ACCEPTANCE CONDITION
Identity	6SL3040-1LA00-0AA0 recorded
Host / carrier	SINAMICS S120
Physical interface	Exact article identity: 6SL3040-1LA00-0AA0
Configuration	Energize in the prescribed sequence and review drive, board and communication diagnostics.
Functional proof	Complete a controlled no-load or safe-point functional test before returning the machine to service.

IMPORTANT NOTICE

Confirm 6SL3040-1LA00-0AA0, host hardware, connections, configuration and controlled test results before release.

Controlled Release Summary

RELEASE ITEM	MODEL-SPECIFIC CONDITION
Article identity	6SL3040-1LA00-0AA0
Approved role	SINAMICS S120 planned maintenance
Final validation	Complete a controlled no-load or safe-point functional test before returning the machine to service.

Engineering Precautions

- 1

Confirm the complete 6SL3040-1LA00-0AA0 marking and the installed SINAMICS S120 position.
- 2

Place the driven machine and associated process in the approved maintenance state.
- 3

Isolate incoming power, prove stored DC-link energy discharged and use ESD controls.
- 4

Record every power, control, feedback, communication and protective-earth connection before removal.
- 5

Verify the installed host hardware and all values documented for 6SL3040-1LA00-0AA0 against the official source.
- 6

Restore the approved hardware execution, connector arrangement and project or parameter record.
- 7

Energize in the prescribed sequence and review drive, board and communication diagnostics.
- 8

Complete a controlled no-load or safe-point functional test before returning the machine to service.

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
A5E45508681002	product page	View A5E45508681002 page
A5E00714562-106124	product page	View A5E00714562-106124 page
A5E02822120	product page	View A5E02822120 page
6SL3120-1TE28-5AA3	product page	View 6SL3120-1TE28-5AA3 page
6SL3210-5BE22-2CV1	product page	View 6SL3210-5BE22-2CV1 page
6SN1123-1AA00-0EA1	product page	View 6SN1123-1AA00-0EA1 page
C98043-A7044-L1-6-RSS70-DCF-40	product page	View C98043-A7044-L1-6-RSS70-DCF-40 page
6SL3224-0BE15-5UA0	product page	View 6SL3224-0BE15-5UA0 page

MANUFACTURER SOURCE RECORD

Siemens Industry Mall Product Record
6SL3040-1LA00-0AA0

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