

6SL3040-1LA00-0AA0

SINAMICS S120 CU310-2 DP Control Unit

Siemens 6SL3040-1LA00-0AA0 is a SINAMICS S120 CU310-2 DP Control Unit for the SINAMICS S120. It performs the documented CU310-2 DP control unit for a single-axis SINAMICS S120 drive within the matched drive configuration.

BRAND	Siemens	FAMILY	SINAMICS S120
PART	6SL3040-1LA00-0AA0	SYSTEM ROLE	Provides the documented CU310-2 DP control unit for a single-axis SINAMICS S120 drive

APTER POWER SALES
TEAM

WHATSAPP / PHONE
+86 180 3023 5313
EMAIL sales13@apterp
ower.com
WEBSITE
www.apterpower.com



6SL3040-1LA00-0AA0

MANUFACTURER SOURCE RECORD

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

Product Overview

SYSTEM FUNCTION

Siemens 6SL3040-1LA00-0AA0 is a SINAMICS S120 CU310-2 DP Control Unit for the SINAMICS S120. It performs the documented CU310-2 DP control unit for a single-axis SINAMICS S120 drive within the matched drive configuration.

FUNCTION 1

Provides the documented CU310-2 DP control unit for a single-axis SINAMICS S120 drive

FUNCTION 2

Uses exact article identity 6SL3040-1LA00-0AA0 for replacement control

FUNCTION 3

Integrates with the matched SINAMICS S120 hardware

FUNCTION 4

Supports controlled diagnostics and functional verification after installation

System Components

COMPONENT	DOCUMENTED ROLE
Host / carrier	SINAMICS S120
Primary interface	Provides the documented CU310-2 DP control unit for a single-axis SINAMICS S120 drive
Engineering context	The component is used with the exact host, connectors, power interfaces and configuration identified for 6SL3040-1LA00-0AA0. Commissioning preserves the installed architecture and verifies controlled drive response.
Commissioning duty	Complete a controlled no-load or safe-point functional test before returning the machine to service.

TECHNICAL NOTE

Install 6SL3040-1LA00-0AA0 only in the documented SINAMICS S120 position. Preserve the as-found wiring, hardware revision and configuration, then verify diagnostics and the affected CU310-2 DP control unit for a single-axis SINAMICS S120 drive under controlled conditions.

Technical Data

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

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER 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
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

ENGINEERING BOUNDARY

Confirm 6SL3040-1LA00-0AA0, SINAMICS S120 host, hardware revision, connectors and terminals, power class, feedback or fieldbus options, grounding, cooling, firmware or parameter set, accessories and controlled commissioning results before service release.

Applications and Precautions

Common Applications

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.

Product 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.

IMPORTANT NOTICE

Confirm 6SL3040-1LA00-0AA0, SINAMICS S120 host, hardware revision, connectors and terminals, power class, feedback or fieldbus options, grounding, cooling, firmware or parameter set, accessories and controlled commissioning results before service release.

ACCEPTANCE CHECK	REQUIRED EVIDENCE
Identity	6SL3040-1LA00-0AA0
Configuration	Energize in the prescribed sequence and review drive, board and communication diagnostics.
Functional release	Complete a controlled no-load or safe-point functional test before returning the machine to service.

Engineer FAQ

Q1 How is 6SL3040-1LA00-0AA0 identified?

Match the complete article number, SINAMICS S120 CU310-2 DP Control Unit designation and CU310-2 DP.

Q3 What records are retained before removing 6SL3040-1LA00-0AA0?

Record power, control, feedback, communication and PE connections.

Q5 Which official values govern 6SL3040-1LA00-0AA0?

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

Q7 Which diagnostics follow 6SL3040-1LA00-0AA0 energization?

Review drive, board and communication diagnostics in the prescribed startup sequence.

Q2 Which host is required for 6SL3040-1LA00-0AA0?

Use only the documented SINAMICS S120 execution with matching interfaces.

Q4 How is 6SL3040-1LA00-0AA0 isolated safely?

Secure the machine, isolate supplies, prove the DC link discharged and use ESD controls.

Q6 How is 6SL3040-1LA00-0AA0 configuration restored?

Restore the approved hardware execution, connectors and parameter or project record.

Q8 What releases 6SL3040-1LA00-0AA0 to service?

A controlled safe-point functional test with the expected drive response.

MANUFACTURER SOURCE RECORD

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

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



6SL3040-1LA00-0AA0