

AMIKON TECHNICAL DOCUMENTATION

Installation Reference

Siemens 6SL3040-0JA00-0AA0 SINAMICS drive control unit

Qualified drive-service personnel and controlled documentation required

DOCUMENTATION REFERENCE

6SL3040-0JA00-0AA0

SINAMICS S120
SIEMENS

SAFETY AND SCOPE

Use 6SL3040-0JA00-0AA0 only in the documented SINAMICS S120 arrangement. Isolate hazardous energy, observe the Siemens discharge time, use ESD controls, and follow the approved site procedure.

01

IDENTITY CHECK BEFORE WORK

Complete identifier	6SL3040-0JA00-0AA0
Product family	SINAMICS S120
Component class	SINAMICS drive control unit
Electrical class	24 V DC supply
Installed section	Drive control section
Connections	DRIVE-CLiQ, Ethernet and I/O

02

BEFORE REMOVAL

- Confirm the exact 6SL3040-0JA00-0AA0 article, board revision, section position and controlled drawing.
- Complete the site's lockout, isolation, discharge and absence-of-voltage verification procedure.
- Photograph and label drive-cliq, ethernet and i/o, cable routing, grounding and adjacent assemblies.
- Protect the assembly from electrostatic discharge, contamination, impact and connector damage.

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MODEL-SPECIFIC INSTALLATION WORKFLOW

1

CONFIRM SCOPE

Verify 6SL3040-0JA00-0AA0, the drive control section, revision and controlled drawing before work.

2

ISOLATE

Apply the site safety procedure for 24 V DC supply and prove the drive is safe to handle.

3

DOCUMENT

Record drive-cliq, ethernet and i/o, connector keys, cable labels, grounding and mechanical position.

4

REMOVE

Use ESD protection and the Siemens service procedure; support the SINAMICS drive control unit and do not force plugs.

5

COMPARE

Match the replacement article, Control-unit defined load, interfaces and mechanical design.

6

INSTALL

Seat the assembly evenly, restore documented connections, shields, earth paths and cooling provisions.

7

COMMISSION

Restore project and verify topology. Review diagnostics before releasing the affected drive function.

OFFICIAL DOCUMENT APPLICABILITY

No directly applicable Siemens installation PDF was available for 6SL3040-0JA00-0AA0. Use the controlled project documentation and obtain Siemens confirmation for any unresolved hardware or firmware condition.

04

PRE-ENERGIZATION AND HANDOVER CHECKLIST

Identifier	Exact 6SL3040-0JA00-0AA0 article and product-family identity match the approved replacement record
Mechanical	Rack-mounted control unit is correctly seated, retained and free from transport damage
Connections	DRIVE-CLiQ, Ethernet and I/O and protective-earth paths match the removal record
Electrical	24 V DC supply and Control-unit defined load agree with the installed drive section
Configuration	Required parameters, firmware conditions and controlled project settings are approved
Commissioning	Restore project and verify topology
Records	Photos, article number, revision, diagnostics and test results are retained in the maintenance record

05

OFFICIAL REFERENCE AND LIMITATIONS

SIEMENS MANUFACTURER REFERENCE

Siemens product-family documentation and controlled site records

Use only where the official family, installed section and exact 6SL3040-0JA00-0AA0 configuration agree. Terminal functions, firmware compatibility, torque values and final acceptance criteria must come from the applicable Siemens manual or controlled project documentation.

DO NOT INFER MISSING SPECIFICATIONS

Do not infer undocumented connector functions, electrical ratings, parameter compatibility, cooling requirements or commissioning limits from appearance or a partial article number.

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