

AMIKON TECHNICAL DOCUMENTATION

Installation Reference

Siemens 6SL3352-6TG41-0AA3 Control interface board

Qualified drive-service personnel and controlled documentation required

DOCUMENTATION REFERENCE

6SL3352-6TG41-0AA3

SINAMICS S120 chassis drives
SIEMENS

SAFETY AND SCOPE

Use 6SL3352-6TG41-0AA3 only in the documented SINAMICS S120 chassis drives 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	6SL3352-6TG41-0AA3
Product family	SINAMICS S120 chassis drives
Component class	Control interface board
Electrical class	500–690 V AC
Installed section	Motor Module
Connections	DRIVE-CLiQ and firing connectors

02

BEFORE REMOVAL

- Confirm the exact 6SL3352-6TG41-0AA3 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 and firing connectors, cable routing, grounding and adjacent assemblies.
- Protect the assembly from electrostatic discharge, contamination, impact and connector damage.

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03

MODEL-SPECIFIC INSTALLATION WORKFLOW

1

CONFIRM SCOPE

Verify 6SL3352-6TG41-0AA3, the motor module, revision and controlled drawing before work.

2

ISOLATE

Apply the site safety procedure for 500–690 V AC and prove the drive is safe to handle.

3

DOCUMENT

Record drive-cliq and firing connectors, connector keys, cable labels, grounding and mechanical position.

4

REMOVE

Use ESD protection and the Siemens service procedure; support the Control interface board and do not force plugs.

5

COMPARE

Match the replacement article, 1070 A motor-module class, interfaces and mechanical design.

6

INSTALL

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

7

COMMISSION

Verify 6TG41-0 hardware and gate response. Review diagnostics before releasing the affected drive function.

OFFICIAL DOCUMENT APPLICABILITY

Siemens manufacturer documentation; selected PDF pages 1, 124, 125 supports the family-level safety, connection and commissioning checks used here. Confirm that its documented hardware arrangement applies to the installed 6SL3352-6TG41-0AA3 before work.

04

PRE-ENERGIZATION AND HANDOVER CHECKLIST

Identifier	Exact 6SL3352-6TG41-0AA3 article and product-family identity match the approved replacement record
Mechanical	Plug-in CIB assembly is correctly seated, retained and free from transport damage
Connections	DRIVE-CLiQ and firing connectors and protective-earth paths match the removal record
Electrical	500–690 V AC and 1070 A motor-module class agree with the installed drive section
Configuration	Required parameters, firmware conditions and controlled project settings are approved
Commissioning	Verify 6TG41-0 hardware and gate response
Records	Photos, article number, revision, diagnostics and test results are retained in the maintenance record

05

OFFICIAL REFERENCE AND LIMITATIONS

SIEMENS MANUFACTURER REFERENCE

Siemens manufacturer documentation; selected PDF pages 1, 124, 125

Use only where the official family, installed section and exact 6SL3352-6TG41-0AA3 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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