

AMIKON TECHNICAL DOCUMENTATION

Installation Reference

Siemens 6SL3351-6GE41-0AB3 Control interface board

Qualified drive-service personnel and controlled documentation required

DOCUMENTATION REFERENCE

6SL3351-6GE41-0AB3

SINAMICS G power modules
SIEMENS

SAFETY AND SCOPE

Use 6SL3351-6GE41-0AB3 only in the documented SINAMICS G power modules 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	6SL3351-6GE41-0AB3
Product family	SINAMICS G power modules
Component class	Control interface board
Electrical class	380–480 V AC
Installed section	Power Module
Connections	CIM and IPD connections

02

BEFORE REMOVAL

- Confirm the exact 6SL3351-6GE41-0AB3 article, board revision, section position and controlled drawing.
- Complete the site's lockout, isolation, discharge and absence-of-voltage verification procedure.
- Photograph and label cim and ipd connections, 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 6SL3351-6GE41-0AB3, the power module, revision and controlled drawing before work.

2

ISOLATE

Apply the site safety procedure for 380–480 V AC and prove the drive is safe to handle.

3

DOCUMENT

Record cim and ipd connections, 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, 985 A power-module class, interfaces and mechanical design.

6

INSTALL

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

7

COMMISSION

Confirm 985 A section and connector mapping. Review diagnostics before releasing the affected drive function.

OFFICIAL DOCUMENT APPLICABILITY

Siemens manufacturer documentation; selected PDF pages 1, 331, 332 supports the family-level safety, connection and commissioning checks used here. Confirm that its documented hardware arrangement applies to the installed 6SL3351-6GE41-0AB3 before work.

04

PRE-ENERGIZATION AND HANDOVER CHECKLIST

Identifier	Exact 6SL3351-6GE41-0AB3 article and product-family identity match the approved replacement record
Mechanical	Slot-in CIB assembly is correctly seated, retained and free from transport damage
Connections	CIM and IPD connections and protective-earth paths match the removal record
Electrical	380–480 V AC and 985 A power-module class agree with the installed drive section
Configuration	Required parameters, firmware conditions and controlled project settings are approved
Commissioning	Confirm 985 A section and connector mapping
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, 331, 332

Use only where the official family, installed section and exact 6SL3351-6GE41-0AB3 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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