

INDUSTRIAL AUTOMATION PRODUCT

6SL3351-6GE36-1AB3

SINAMICS G Control Interface Board

Siemens 6SL3351-6GE36-1AB3 is a replacement Control Interface Board for a 605 A SINAMICS G Power Module. It is matched to the 380–480 V three-phase, 50/60 Hz execution.

CONTROLLED ENGINEERING COPY

IDENTITY	VERIFIED VALUE
Manufacturer	Siemens
System family	SINAMICS G 380–480 V Power Module
Part number	6SL3351-6GE36-1AB3
Document status	Controlled product and system reference

DOCUMENT SCOPE

Exact article identity, official technical data, host matching, installation checks, applications, precautions and controlled acceptance evidence.

MODEL-SPECIFIC ENGINEERING NOTE

Install 6SL3351-6GE36-1AB3 only in the documented 605 A SINAMICS G Power Module. Preserve the as-found wiring, hardware revision and configuration; then review diagnostics and verify the affected power-module control interface replacement under controlled conditions.

System Role and Architecture

Siemens 6SL3351-6GE36-1AB3 is a replacement Control Interface Board for a 605 A SINAMICS G Power Module. It is matched to the 380–480 V three-phase, 50/60 Hz execution.

FUNCTION 1
Exact article identity 6SL3351-6GE36-1AB3

FUNCTION 2
SINAMICS G Control Interface Board

FUNCTION 3
Documented role: power-module control interface replacement

FUNCTION 4
Controlled installation, diagnostics and functional verification

RELATED APTER POWER PAGES

1 Siemens 6SE7033-7EG84-1JF1

2 Siemens 6SL3352-6TG38-8AA3

3 Siemens 6SE7041-2WL84-1JC1

4 Siemens 6SL3120-2TE21-8AC0

5 Siemens 6RY1803-1DA04

6 Siemens 6SL3352-6TE33-8AA3

7 Siemens 6RY1803-0DA04

8 Siemens C98043-A7106-L4

MATCHED SYSTEM COMPONENTS

NO.	DOCUMENTED COMPONENT / ROLE
01	SINAMICS G 380–480 V Power Module
02	605 A SINAMICS G Power Module
03	Documented connectors, terminals and protective-earth path
04	Approved firmware, parameter or project record

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	SINAMICS G 380–480 V Power Module
Interface role	power-module control interface replacement
Field / power context	605 A SINAMICS G Power Module
Commissioning evidence	Identity, interfaces, configuration, diagnostics and controlled functional response recorded

INSTALLATION AND CONNECTION CHECKS

1 Confirm the complete 6SL3351-6GE36-1AB3 marking, SINAMICS G Control Interface Board designation and the recorded installation position.

2 Place the drive, motor and connected process in the approved maintenance state.

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

4 Record every power, signal, feedback, communication, shielding and protective-earth connection before removal.

Technical Specifications

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

PARAMETER	VALUE	PARAMETER	VALUE
Component	Replacement Control Interface Board	Current class	605 A
Matched equipment	SINAMICS G Power Module	Lifecycle	End of product lifecycle
Supply class	3 AC 380–480 V, 50/60 Hz		

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1 Siemens 6SE7033-7EG84-1JF1

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ENGINEERING BOUNDARY

Confirm 6SL3351-6GE36-1AB3, the complete SINAMICS G 380–480 V Power Module host, hardware revision, installed position, terminals, connectors, stored-energy state, protective earth, shielding, cooling, firmware or parameter record, diagnostics and controlled acceptance evidence before release.

PRE-INSTALLATION CHECKS

- 1

Confirm the complete 6SL3351-6GE36-1AB3 marking, SINAMICS G Control Interface Board designation and the recorded installation
- 2

Place the drive, motor and connected process in the approved maintenance state.
- 3

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

Record every power, signal, feedback, communication, shielding and protective-earth connection before removal.

Applications and Engineering Context

SINAMICS G 380–480 V Power Module planned maintenance

Restores the documented power-module control interface replacement during controlled cabinet service.

SINAMICS G Control Interface Board replacement

Uses the exact 6SL3351-6GE36-1AB3 identity instead of a nearby electrical or firmware execution.

Drive-system refurbishment

Preserves the recorded hardware, connections, protective earth, cooling and configuration.

Controlled recommissioning

Confirms diagnostics and the affected drive role before automatic operation.

TECHNICAL NOTE

Install 6SL3351-6GE36-1AB3 only in the documented 605 A SINAMICS G Power Module. Preserve the as-found wiring, hardware revision and configuration; then review diagnostics and verify the affected power-module control interface replacement under controlled conditions.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	6SL3351-6GE36-1AB3 recorded
Host / carrier	SINAMICS G 380–480 V Power Module
Physical interface	Installed power, signal, feedback and communication interfaces matched to the as-found record
Configuration	Approved hardware, firmware and parameter or project configuration restored
Functional proof	Controlled test confirms power-module control interface replacement

IMPORTANT NOTICE

Confirm 6SL3351-6GE36-1AB3, the complete SINAMICS G 380–480 V Power Module host, hardware revision, installed position, terminals, connectors, stored-energy state, protective earth, shielding, cooling, firmware or parameter record, diagnostics and controlled

Related Products and Source Record

Brand-qualified Apter Power navigation links are provided for system planning only; manufacturer evidence remains the named source record.

RELATED PRODUCTS ON APTER POWER

1

Siemens 6SE7033-7EG84-1JF1

View Siemens 6SE7033-7EG84-1JF1 page

2

Siemens 6SL3352-6TG38-8AA3

View Siemens 6SL3352-6TG38-8AA3 page

3

Siemens 6SE7041-2WL84-1JC1

View Siemens 6SE7041-2WL84-1JC1 page

4

Siemens 6SL3120-2TE21-8AC0

View Siemens 6SL3120-2TE21-8AC0 page

5

Siemens 6RY1803-1DA04

View Siemens 6RY1803-1DA04 page

6

Siemens 6SL3352-6TE33-8AA3

View Siemens 6SL3352-6TE33-8AA3 page

7

Siemens 6RY1803-0DA04

View Siemens 6RY1803-0DA04 page

8

Siemens C98043-A7106-L4

View Siemens C98043-A7106-L4 page

MANUFACTURER SOURCE RECORD

Siemens SiePortal product record for 6SL3351-6GE36-1AB3 | Siemens official product and family documentation, accessed 24 September 2026

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RECOMMENDATION SCOPE

These links support product navigation and comparison. Technical values in this document are sourced only from the manufacturer record above.