

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.

PRODUCT SNAPSHOT

BRAND
Siemens

FAMILY
SINAMICS G 380–480 V Power

PART
6SL3351-6GE36-1AB3

DOCUMENT STATUS
Controlled engineering copy

APTER POWER

WHATSAPP / PHONE

+86 180 3023 5313

WEBSITE

www.apterpower.com



PRODUCT OVERVIEW

6SL3351-6GE36-1AB3 provides power-module control interface replacement for the matched SINAMICS G 380–480 V Power Module installation.

Exact article identity 6SL3351-6GE36-1AB3

SINAMICS G Control Interface Board

Documented role: power-module control interface replacement

Controlled installation, diagnostics and functional verification

RELATED APTER POWER PAGES					
1	Siemens 6RY1803-0DA04	2	Siemens C98043-A7106-L4	3	Siemens 6SE7033-7EG84-1JF1
4	Siemens 6SL3352-6TG38-8AA3	5	Siemens 6SE7041-2WL84-1JC1	6	Siemens 6SL3120-2TE21-8AC0
7	Siemens 6RY1803-1DA04	8	Siemens 6SL3352-6TE33-8AA3		

SYSTEM COMPONENTS

DOCUMENTED COMPONENT	ROLE IN SYSTEM
Proximity probe	Matched extension cable
Proximitor Sensor	AISI 4140 target

ENGINEERING CONTEXT

The component remains matched to the 605 A SINAMICS G Power Module, its connectors and the recorded configuration. Commissioning preserves the installed architecture and verifies controlled drive response.

TECHNICAL DATA

PARAMETER	VALUE
Component	Replacement Control Interface Board
Matched equipment	SINAMICS G Power Module
Supply class	3 AC 380–480 V, 50/60 Hz

PARAMETER	VALUE
Current class	605 A
Lifecycle	End of product lifecycle

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Siemens 6SL3352-6TG38-8AA3
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Siemens 6SL3120-2TE21-8AC0
- 7

Siemens 6RY1803-1DA04
- 8

Siemens 6SL3352-6TE33-8AA3

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.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

SINAMICS G 380–480 V Power Module planned maintenance

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

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.

PRODUCT PRECAUTIONS

1

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

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

5

Verify the installed host and all official values documented for 6SL3351-6GE36-1AB3; do not infer

6

Restore the approved hardware revision, connectors, cooling path and parameter or project record.

7

Energize in the manufacturer sequence and review drive, module and communication diagnostics.

8

Complete controlled interlock, feedback and safe-point functional tests before service release.

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1

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ENGINEER FAQ

Q1 How is the exact 6SL3351-6GE36-1AB3 execution identified?

Match the complete 6SL3351-6GE36-1AB3 article number, SINAMICS G Control Interface Board designation and the recorded host position before replacement.

Q2 What documented function does 6SL3351-6GE36-1AB3 perform?

It provides power-module control interface replacement within the SINAMICS G 380–480 V Power Module arrangement.

Q3 Which installed hardware must be matched before fitting 6SL3351-6GE36-1AB3?

Use only the 605 A SINAMICS G Power Module with matching terminals, connectors, hardware revision and system record.

Q4 Which official values govern 6SL3351-6GE36-1AB3?

Component: Replacement Control Interface Board; Matched equipment: SINAMICS G Power Module; Supply class: 3 AC 380–480 V, 50/60 Hz; Current class: 605 A.

Q5 What must be recorded before removing 6SL3351-6GE36-1AB3?

Record the nameplate, board position, every power and signal connection, shielding, protective earth, firmware or parameter state and active diagnostics.

Q6 Which handling controls apply to 6SL3351-6GE36-1AB3?

Place the drive and machine in the approved maintenance state, isolate all supplies, prove stored energy discharged and use ESD controls.

Q7 How is 6SL3351-6GE36-1AB3 verified after installation?

Restore the documented hardware and configuration, review diagnostics and complete a controlled safe-point functional test of the affected drive role.

Q8 Which manufacturer record supports the 6SL3351-6GE36-1AB3 page?

The Siemens SiePortal product record for 6SL3351-6GE36-1AB3 and directly applicable Siemens family manual support the stated identity, function and commissioning boundaries.

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

+86 180 3023 5313 | sales13@apterpower.com | www.apterpower.com