

SINAMICS G POWER MODULES

Product Data Sheet

6SL3351-6GH34-1AB3

Control interface board

FUNCTION Control interface board	FAMILY SINAMICS G power modules	ORIGIN Germany	WEIGHT 0.38 kg
--	---	--------------------------	--------------------------

Siemens SINAMICS 6SL3351-6GH34-1AB3 is a Control interface board for the SINAMICS G power modules. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Component Class	Control interface board
Drive Family	SINAMICS G power modules
Primary Function	Provides replacement control for the power module
Power Architecture	CIB/CIM high-voltage interface
Voltage Class	660–690 V AC
Current Rating	410 A power-module class
Power Section	Power Module
Mechanical Design	Slot-in CIB assembly
Electrical Interface	CIM and IPD connectors
Commissioning Check	Check 410 A firing and high-voltage clearances

- Service the 410 A power module: Use 6SL3351-6GH34-1AB3 to provide replacement control for the power module in the documented SINAMICS G power modules. Match 660–690 V AC, 410 A power-module class and the installed power module before work.
- Restore the 690 V control path: Record cim and ipd connectors, adjacent hardware, cable routing and grounding before removal. Preserve the exact connector orientation and mechanical arrangement while installing the 410 A high-voltage CIB.
- Complete the CIB insulation test: Check 410 A firing and high-voltage clearances. Review Siemens drive diagnostics and record the final 410 A high-voltage CIB configuration before returning the affected machine function to service.

Match 6SL3351-6GH34-1AB3 to the installed SINAMICS G power modules, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens manufacturer documentation](#)

<https://support.industry.siemens.com/>