

SINAMICS G POWER MODULES

Product Data Sheet

6SL3351-6FE35-0AA1

Control interface board

FUNCTION Control interface board	FAMILY SINAMICS G power modules	ORIGIN Germany	WEIGHT 1.34 kg
--	---	--------------------------	--------------------------

Siemens SINAMICS 6SL3351-6FE35-0AA1 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 AC power module
Power Architecture	CIB/CIM power-stage interface
Voltage Class	380–480 V AC
Current Rating	490 A power-module class
Power Section	Power Module
Mechanical Design	Slot-in interface board
Electrical Interface	CIM and power-stage connectors
Commissioning Check	Verify 490 A hardware and connector keying

- Service the 490 A power module: Use 6SL3351-6FE35-0AA1 to provides replacement control for the ac power module in the documented SINAMICS G power modules. Match 380–480 V AC, 490 A power-module class and the installed power module before work.
- Restore the CIM control path: Record cim and power-stage connectors, adjacent hardware, cable routing and grounding before removal. Preserve the exact connector orientation and mechanical arrangement while installing the 490 A replacement CIB.
- Complete the connector-key test: Verify 490 A hardware and connector keying. Review Siemens drive diagnostics and record the final 490 A replacement CIB configuration before returning the affected machine function to service.

Match 6SL3351-6FE35-0AA1 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/>