

SINAMICS S120 DRIVE SYSTEMS

Product Data Sheet

6SL3525-0PE27-5AA1

SINAMICS G120D power module

FUNCTION	FAMILY	ORIGIN	WEIGHT
SINAMICS G120D power module	SINAMICS S120 drive systems	Great Britain	8.5 kg

Siemens SINAMICS 6SL3525-0PE27-5AA1 is a SINAMICS G120D power module for the SINAMICS S120 drive systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Rated Supply	24 V DC
Mounting	Control cabinet
Protection Class	IP20
System Interface	Backplane bus
Configuration	Manufacturer engineering tool
Operating Mode	Continuous duty
Connection	Keyed industrial connector
Diagnostic State	Status indicators
Commissioning	Controlled functional test
Installation	Rack module

ADDITIONAL PRODUCT DATA

OFFICIAL APPLICATIONS

- Use the documented SINAMICS G120D power module: Apply 6SL3525-0PE27-5AA1 only in the manufacturer-specified SINAMICS S120 drive systems position. Match the complete article number, electrical interfaces and adjacent hardware before service.
- Preserve interfaces and module position: Record connector keying, terminal assignments, shields, protective earth and neighboring assemblies for 6SL3525-0PE27-5AA1; restore the same controlled arrangement during installation.
- Validate the restored control function: After installing 6SL3525-0PE27-5AA1, review system diagnostics and test the affected signals, communication or controlled equipment at a safe operating point. Record the final acceptance results.

SYSTEM COMPATIBILITY

Match 6SL3525-0PE27-5AA1 to the installed SINAMICS S120 drive systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens Industry Mall technical product data](#)

<https://mall.industry.siemens.com/mall/en/kettanehjoown/Catalog/Product?SiepCountryCode=OE&mlfb=6SL3525-0PE27-5AA1>

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