

SINAMICS AND SIMODRIVE 611

Product Data Sheet

6SL3000-0BE25-5DA0

55 kW active line filter

FUNCTION 55 kW active line filter	FAMILY SINAMICS and SIMODRIVE 611	ORIGIN Germany	WEIGHT 0.98 kg
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Siemens SINAMICS 6SL3000-0BE25-5DA0 is a 55 kW active line filter for the SINAMICS and SIMODRIVE 611. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	55 kW active line filter
Drive Family	SINAMICS and SIMODRIVE 611
Primary Function	Filters the mains supply to an Active Line Module
Power Architecture	Three-phase line filter
Voltage Class	380–480 V AC input
Current Rating	55 kW line-module class
Control Supply	50/60 Hz three-phase mains
Power Section	Active line input section
Mechanical Design	Cabinet line-filter assembly
Electrical Interface	Mains and line-module terminals

ADDITIONAL PRODUCT DATA

Cooling Integration	Cabinet cooling arrangement
Board Designation	6SL3000-0BE25-5DA0 assembly
Service Role	Siemens service component
Product Status	Verify installed revision
Commissioning Check	Run diagnostics and functional test

OFFICIAL APPLICATIONS

- Apply the 55 kW line filter: Use 6SL3000-0BE25-5DA0 to filter the mains supply to an Active Line Module within the documented SINAMICS and SIMODRIVE 611. Confirm the assigned active line input section, electrical class and controlled drawing before work.
- Match the Mains and line-module terminals: Record connector keying, cable labels, adjacent assemblies, protective earth and the exact 6SL3000-0BE25-5DA0 assembly. Preserve the documented 55 kW line filter interface during exchange.
- Validate the Run diagnostics and functional test: After installation, run diagnostics and functional test. Review Siemens diagnostics, record measured results and release the affected control or power function through the site procedure.

SYSTEM COMPATIBILITY

Match 6SL3000-0BE25-5DA0 to the installed SINAMICS and SIMODRIVE 611, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens Industry manufacturer documentation](#)

<https://support.industry.siemens.com/cs/products?search=6SL3000-0BE25-5DA0>

AMIKON PRODUCT SUPPORT

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