

SINAMICS DRIVE SYSTEMS

Product Data Sheet

6SL3053-0AA00-3AA1

VSM10 voltage sensing module

FUNCTION VSM10 voltage sensing module	FAMILY SINAMICS drive systems	ORIGIN Germany	WEIGHT 0.98 kg
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Siemens SINAMICS 6SL3053-0AA00-3AA1 is a VSM10 voltage sensing module for the SINAMICS drive systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	VSM10 voltage sensing module
Drive Family	SINAMICS drive systems
Primary Function	Measures DC-link and line voltage
Power Architecture	Digital converter electronics
Voltage Class	50 V DC minimum sensing
Current Rating	Voltage-measurement channels
Control Supply	24 V DC control class
Power Section	Drive voltage sensing section
Mechanical Design	Plug-in service assembly
Electrical Interface	Voltage inputs and DRIVE-CLiQ

ADDITIONAL PRODUCT DATA

Cooling Integration	Cabinet cooling arrangement
Board Designation	6SL3053-0AA00-3AA1 assembly
Service Role	Siemens service component
Product Status	Verify installed revision
Commissioning Check	Run diagnostics and functional test

OFFICIAL APPLICATIONS

- Apply the|VSM10 sensing module: Use 6SL3053-0AA00-3AA1 to measures DC-link and line voltage within the documented SINAMICS drive systems. Confirm the assigned drive voltage sensing section, electrical class and controlled drawing before work.
- Match the|Voltage inputs and DRIVE-CLiQ: Record connector keying, cable labels, adjacent assemblies, protective earth and the exact 6SL3053-0AA00-3AA1 assembly. Preserve the documented VSM10 sensing module 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 6SL3053-0AA00-3AA1 to the installed SINAMICS drive systems, 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=6SL3053-0AA00-3AA1>

AMIKON PRODUCT SUPPORT

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