

SINAMICS DRIVE SYSTEMS

Product Data Sheet

A5E02424682-001

inverter power driver board

FUNCTION inverter power driver board	FAMILY SINAMICS drive systems	ORIGIN Germany	WEIGHT Confirm before dispatch
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Siemens SINAMICS A5E02424682-001 is a inverter power driver board for the SINAMICS drive systems. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Component Class	inverter power driver board
Drive Family	SINAMICS drive systems
Primary Function	Provides the documented inverter power driver board function
Power Architecture	A5E02424682-001 industrial architecture
Voltage Class	Installed equipment voltage class
Current Rating	Model-specific channel current
Control Supply	24 V DC control class
Power Section	SINAMICS drive systems service section
Mechanical Design	A5E02424682-001 service assembly
Electrical Interface	A5E02424682-001 keyed connector set

ADDITIONAL PRODUCT DATA

Cooling Integration	SINAMICS drive systems cooling practice
Board Designation	A5E02424682-001 exact designation
Service Role	A5E02424682-001 maintenance role
Product Status	A5E02424682-001 identity verification
Commissioning Check	Validate A5E02424682-001 diagnostics and function

OFFICIAL APPLICATIONS

- Apply the inverter power driver board: Use A5E02424682-001 to provide the documented inverter power driver board function within the documented SINAMICS drive systems. Confirm its electrical class, installed position and controlled equipment drawings before work.
- Match the A5E02424682-001 keyed connector set: Record connector keying, cable labels, shielding, protective earth and adjacent assemblies. Preserve the documented interface and mechanical arrangement during exchange.
- Validate the restored function: After installation, run the applicable diagnostics, verify the connected equipment response and record the final acceptance results before returning the system to service.

SYSTEM COMPATIBILITY

Match A5E02424682-001 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 manufacturer documentation

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/A5E02424682-001>

AMIKON PRODUCT SUPPORT

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