

SINAMICS POWER-BLOCK REPAIR PARTS

Product Data Sheet

A5E00825004

IGD1 R3 driver board

FUNCTION	FAMILY	ORIGIN	WEIGHT
IGD1 R3 driver board	SINAMICS power-block repair parts	Germany	0.38 kg

Siemens SINAMICS A5E00825004 is a IGD1 R3 driver board for the SINAMICS power-block repair parts. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	IGD1 R3 driver board
Drive Family	SINAMICS power-block repair parts
Primary Function	Controls power semiconductor gates
Power Architecture	IGD1/R3 gate-drive stage
Voltage Class	Installed power-block class
Current Rating	IGBT-defined current rating
Control Supply	Isolated gate-control supply
Power Section	Power-block firing section
Mechanical Design	Driver board with IGBT set
Electrical Interface	Internal gate and feedback plugs

ADDITIONAL PRODUCT DATA

Cooling Integration	Baseplate-cooled power assembly
Board Designation	A5E00825004 IGD1/R3
Service Role	Power-block repair component
Product Status	Discontinued Siemens spare
Commissioning Check	Verify IGBT identity and gate polarity

OFFICIAL APPLICATIONS

- Use the IGD1 R3 driver board: Apply A5E00825004 for controls power semiconductor gates after matching the exact system, electrical class and installed section.
- Confirm the Installed power-block class configuration: Compare the nameplate, board designation, connectors, companion hardware and cooling arrangement before removal.
- Validate the restored equipment: Verify IGBT identity and gate polarity. Review diagnostics and test the affected drive, axis, interface or operator function before return to service.

SYSTEM COMPATIBILITY

Match A5E00825004 to the installed SINAMICS power-block repair parts, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens Industry Mall and applicable manufacturer documentation](#)

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/A5E00825004>

AMIKON PRODUCT SUPPORT

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