

SINAMICS POWER BLOCK REPAIR PARTS

Product Data Sheet

A5E00297630

IGD3 R2 power block board

FUNCTION	FAMILY	ORIGIN	WEIGHT
IGD3 R2 power block board	SINAMICS power block repair parts	Germany	0.2 kg

Siemens SINAMICS A5E00297630 is a IGD3 R2 power block 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	IGD3/R2 power block board
Drive Family	SINAMICS repair components
Primary Function	Controls power semiconductor stage
Power Architecture	IGD3 board / R2 version
Voltage Class	Installed-drive voltage class
Current Rating	Nameplate-defined current
Line Frequency	Drive-dependent switching
Power Section	Power block repair section
Mechanical Design	Board-group assembly
Electrical Interface	Internal power-block connectors

ADDITIONAL PRODUCT DATA

Cooling Integration	Uses drive cooling assembly
Board Protection	Repair-board construction
Busbar Treatment	Internal laminated conductors
Service Classification	Siemens repair part
Commissioning Check	Match IGD3/R2 board identity

OFFICIAL APPLICATIONS

- Restore the documented IGD3 R2 power block board: Use A5E00297630 for controls power semiconductor stage only after confirming the complete installed drive designation, voltage class and physical interface.
- Match the Installed-drive voltage class installation: Compare the nameplate, module position, connectors, cooling arrangement and mating power hardware before removing the existing component.
- Complete model-specific verification: Match IGD3/R2 board identity. Then energise under the approved Siemens procedure, review diagnostics and test the affected motor or DC-drive function before service.

SYSTEM COMPATIBILITY

Match A5E00297630 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 SINAMICS / SIMOVERT manufacturer documentation

<https://mall.industry.siemens.com/>

AMIKON PRODUCT SUPPORT

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