

SINAMICS POWER BLOCK REPAIR PARTS

Product Data Sheet

A5E36717793

IGD3 R2 power block board

FUNCTION	FAMILY	ORIGIN	WEIGHT
IGD3 R2 power block board	SINAMICS power block repair parts	Germany	Confirm before dispatch

Siemens SINAMICS A5E36717793 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 high-power semiconductor stage
Power Architecture	IGD3/R2 gate-drive architecture
Voltage Class	690 V AC / 1080 V DC class
Current Rating	410 A class
Line Frequency	Drive-dependent switching
Power Section	Power block control section
Mechanical Design	TIM board assembly
Electrical Interface	Internal gate and power interfaces

ADDITIONAL PRODUCT DATA

Cooling Integration	Mounted on cooled power block
Board Protection	Repair-grade board assembly
Busbar Treatment	Power-block internal conductors
Service Classification	Siemens repair part
Commissioning Check	Confirm current marking on nameplate

OFFICIAL APPLICATIONS

- Restore the documented IGD3 R2 power block board: Use A5E36717793 for controls high-power semiconductor stage only after confirming the complete installed drive designation, voltage class and physical interface.
- Match the 690 V AC / 1080 V DC class installation: Compare the nameplate, module position, connectors, cooling arrangement and mating power hardware before removing the existing component.
- Complete model-specific verification: Confirm current marking on nameplate. Then energise under the approved Siemens procedure, review diagnostics and test the affected motor or DC-drive function before service.

SYSTEM COMPATIBILITY

Match A5E36717793 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/>

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