

SINAMICS POWER-BLOCK REPAIR PARTS

Product Data Sheet

A5E00714562

IGD2 R4 driver board

FUNCTION	FAMILY	ORIGIN	WEIGHT
IGD2 R4 driver board	SINAMICS power-block repair parts	Germany	2.1 kg

Siemens SINAMICS A5E00714562 is a IGD2 R4 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	IGD2/R4 driver board
Drive Family	SINAMICS power blocks
Primary Function	Drives IGBT switching devices
Power Architecture	IGD2/R4 gate-drive architecture
Voltage Class	400–690 V AC drive class
Current Rating	Up to 400 A
Control Supply	Isolated gate-control supply
Power Section	Power-block gate section
Mechanical Design	FS450R12KE3-S1 board group
Electrical Interface	Internal IGBT gate leads

ADDITIONAL PRODUCT DATA

Cooling Integration	Baseplate-cooled power assembly
Board Designation	A5E00714562 IGD2/R4
Service Role	Power-block repair component
Product Status	Superseded service board
Commissioning Check	Match FS450 device positions

OFFICIAL APPLICATIONS

- Apply the IGD2 R4 driver board: Use A5E00714562 for drives igbt switching devices only after confirming the installed drive family, exact section and electrical class.
- Match the 400–690 V AC drive class hardware: Compare the full nameplate, connector positions, board designation, power-device rating and cooling arrangement before replacement.
- Validate the repaired drive section: Match FS450 device positions. Review drive diagnostics and test the affected motor, line or braking function under the approved commissioning procedure.

SYSTEM COMPATIBILITY

Match A5E00714562 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 drive documentation](#)

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/A5E00714562>

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