

SINAMICS HIGH-POWER DRIVE REPAIR PARTS

Product Data Sheet

A5E00714565

IGBT gate driver board

FUNCTION	FAMILY	ORIGIN	WEIGHT
IGBT gate driver board	SINAMICS high-power drive repair parts	Germany	0.2 kg

Siemens SINAMICS A5E00714565 is a IGBT gate driver board for the SINAMICS high-power drive repair parts. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	IGBT gate driver board
Drive Family	SINAMICS power converters
Primary Function	Generates isolated IGBT gate pulses
Power Architecture	PWM semiconductor control stage
Voltage Class	510–820 V DC link
Current Rating	100–1,800 A application range
Control Supply	24 V DC $\pm 10\%$
Power Section	Inverter gate-drive channel
Mechanical Design	Long-format circuit board
Electrical Interface	Internal gate and feedback plugs

ADDITIONAL PRODUCT DATA

Cooling Integration	Mounted on cooled power stack
Board Designation	A5E00714565 driver assembly
Service Role	Frequency-converter repair component
Product Status	Legacy service spare
Commissioning Check	Check gate polarity and isolation

OFFICIAL APPLICATIONS

- Apply the IGBT gate driver board: Use A5E00714565 for generates isolated igbt gate pulses only after confirming the installed drive family, exact section and electrical class.
- Match the 510–820 V DC link hardware: Compare the full nameplate, connector positions, board designation, power-device rating and cooling arrangement before replacement.
- Validate the repaired drive section: Check gate polarity and isolation. Review drive diagnostics and test the affected motor, line or braking function under the approved commissioning procedure.

SYSTEM COMPATIBILITY

Match A5E00714565 to the installed SINAMICS high-power drive 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/A5E00714565>

AMIKON PRODUCT SUPPORT

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