

SINAMICS POWER ELECTRONICS

Product Data Sheet

A5E03932844

IGBT power module

FUNCTION	FAMILY	ORIGIN	WEIGHT
IGBT power module	SINAMICS power electronics	Germany	1.2 kg

Siemens SINAMICS A5E03932844 is a IGBT power module for the SINAMICS power electronics. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	IGBT power module
Drive Family	SINAMICS power electronics
Primary Function	Switches high-current inverter power for the drive
Power Architecture	FF450R12ME4 bridge module
Voltage Class	1200 V device class
Current Rating	450 A semiconductor class
Power Section	Inverter power block
Mechanical Design	IGBT power-module assembly
Electrical Interface	Gate, collector and emitter connections
Commissioning Check	Check isolation, polarity and thermal contact

- Apply the 450 A bridge stage: Use A5E03932844 for switches high-current inverter power for the drive within the documented SINAMICS power electronics. Confirm the inverter power block, electrical class and controlled system drawing before work.
- Prepare the 1200 V isolation: Record gate, collector and emitter connections, adjacent assemblies, cable routing, protective earth and configuration data. Preserve the exact 450 A IGBT module arrangement during replacement.
- Complete the thermal-interface check: Check isolation, polarity and thermal contact. Review Siemens diagnostics and record the final 450 A IGBT module configuration before returning the affected function to service.

Match A5E03932844 to the installed SINAMICS power electronics, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens manufacturer documentation](#)

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