

SINAMICS CONVERTER SYSTEMS

Product Data Sheet

A5E00158835

Converter drive control board

FUNCTION Converter drive control board	FAMILY SINAMICS converter systems	ORIGIN Germany	WEIGHT 0.2 kg
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Siemens SINAMICS A5E00158835 is a Converter drive control board for the SINAMICS converter systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	Converter drive control board
Drive Family	SINAMICS converter systems
Primary Function	Processes speed, torque and I/O commands
Power Architecture	Digital PWM drive controller
Voltage Class	500–800 V DC link
Current Rating	Converter-defined motor current
Control Supply	24 V DC $\pm 20\%$
Power Section	Main drive-control section
Mechanical Design	Plug-in controller PCB
Electrical Interface	Digital, analog and feedback I/O

ADDITIONAL PRODUCT DATA

Cooling Integration	0–45 °C cabinet operation
Board Designation	A5E00158835 drive board
Service Role	Converter controller spare
Product Status	Siemens repair component
Commissioning Check	Restore parameters and test PWM

OFFICIAL APPLICATIONS

- Apply the PWM drive control board: Use A5E00158835 to processes speed, torque and i/o commands in the documented SINAMICS converter systems. Confirm the installed section, electrical class and controlled drawing before intervention.
- Match the Digital, analog and feedback I/O: Record the exact board marking, connector keying, adjacent assemblies, cable routing and protective-earth arrangement. Preserve the documented PWM drive control board interface during exchange.
- Validate the Restore parameters and test PWM: After installation, restore parameters and test pwm. Review Siemens drive diagnostics, capture the final test results and release the affected machine function through the site procedure.

SYSTEM COMPATIBILITY

Match A5E00158835 to the installed SINAMICS converter systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens Industry manufacturer documentation](#)

<https://support.industry.siemens.com/cs/products?search=A5E00158835>

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