

SINAMICS CONVERTER REPAIR PARTS

Product Data Sheet

A5E00843859

CUCP converter control board

FUNCTION	FAMILY	ORIGIN	WEIGHT
CUCP converter control board	SINAMICS converter repair parts	Germany	0.08 kg

Siemens SINAMICS A5E00843859 is a CUCP converter control board for the SINAMICS converter repair parts. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	CUCP converter control board
Drive Family	SINAMICS converter repair parts
Primary Function	Processes central converter control signals
Power Architecture	Digital converter electronics
Voltage Class	24 V DC electronics
Current Rating	Processor-board signal load
Control Supply	24 V DC control class
Power Section	Central control section
Mechanical Design	Plug-in service assembly
Electrical Interface	Backplane and control plugs

ADDITIONAL PRODUCT DATA

Cooling Integration	Cabinet cooling arrangement
Board Designation	A5E00843859 assembly
Service Role	Siemens service component
Product Status	Verify installed revision
Commissioning Check	Run diagnostics and functional test

OFFICIAL APPLICATIONS

- Apply the|CUCP control board: Use A5E00843859 to process central converter control signals within the documented SINAMICS converter repair parts. Confirm the assigned central control section, electrical class and controlled drawing before work.
- Match the|Backplane and control plugs: Record connector keying, cable labels, adjacent assemblies, protective earth and the exact A5E00843859 assembly. Preserve the documented CUCP control board interface during exchange.
- Validate the|Run diagnostics and functional test: After installation, run diagnostics and functional test. Review Siemens diagnostics, record measured results and release the affected control or power function through the site procedure.

SYSTEM COMPATIBILITY

Match A5E00843859 to the installed SINAMICS converter repair parts, 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=A5E00843859>

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