

SINAMICS POWER-ELECTRONICS REPAIR PARTS

Product Data Sheet

A5E00282044

PSU2 power supply module

FUNCTION	FAMILY	ORIGIN	WEIGHT
PSU2 power supply module	SINAMICS power-electronics repair part	Germany	0.2 kg

Siemens SINAMICS A5E00282044 is a PSU2 power supply module for the SINAMICS power-electronics repair parts. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	PSU2 power supply module
Drive Family	SINAMICS power-electronics repair parts
Primary Function	Generates regulated 24 V control power
Power Architecture	Three-phase auxiliary PSU
Voltage Class	380–480 V AC input
Current Rating	10 A typical output
Control Supply	24 V DC regulated output
Power Section	Converter PSU2 section
Mechanical Design	Compact power-board assembly
Electrical Interface	Input and DC output connectors

Cooling Integration	Natural cabinet cooling
Board Designation	A5E00282044 PSU2
Service Role	Control-power replacement board
Product Status	Siemens repair component
Commissioning Check	Check 45–65 Hz input and output

- Use the PSU2 power supply module: Apply A5E00282044 for generates regulated 24 v control power after matching the exact system, electrical class and installed section.
- Confirm the 380–480 V AC input configuration: Compare the nameplate, board designation, connectors, companion hardware and cooling arrangement before removal.
- Validate the restored equipment: Check 45–65 Hz input and output. Review diagnostics and test the affected drive, axis, interface or operator function before return to service.

Match A5E00282044 to the installed SINAMICS power-electronics repair parts, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

Siemens Industry Mall and applicable manufacturer documentation

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/A5E00282044>

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