

SIMATIC S7-300

Product Data Sheet

6ES7953-8LG31-0AA0

128 KB Micro Memory Card

FUNCTION 128 KB Micro Memory Card	FAMILY SIMATIC S7-300	ORIGIN Germany	WEIGHT 0.002 kg
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Siemens 6ES7953-8LG31-0AA0 is a 128 KB Micro Memory Card for the SIMATIC S7-300. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Memory technology	Nflash
Memory capacity	128 KB
Operating voltage	3.3 V
Write cycles	At least 100000
Data retention	At least 10 years
Compatible systems	S7-300, C7 and ET 200
Controller interface	MMC slot
Memory format	SIMATIC MMC
Minimum data retention	10 years
Minimum write cycles	100000

ADDITIONAL PRODUCT DATA

Controller compatibility	S7 300, C7 and ET 200 CPUs
Load memory function	Program and configuration storage
Card interface	SIMATIC MMC slot
Project transfer	Supported between compatible CPUs
Maintenance function	Nonvolatile project backup

OFFICIAL APPLICATIONS

- Industrial Manufacturing and Continuous Production: Discrete manufacturing and assembly production; Continuous industrial production operations
- Municipal Water and Industrial Wastewater Services: Municipal water treatment services; Industrial wastewater treatment operations
- Thermal, Hydroelectric and Renewable Power Generation: Thermal and hydroelectric power production; Renewable generation and energy integration

SYSTEM COMPATIBILITY

Match 6ES7953-8LG31-0AA0 to the installed SIMATIC S7-300, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens official technical documentation for 6ES7953-8LG31-0AA0](#)

Applicable manufacturer documentation retained in Manuals & support

AMIKON PRODUCT SUPPORT

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