

SIMATIC S7-400 MEMORY CARDS

Product Data Sheet

6ES7952-1AS00-0AA0

16 MB RAM memory card

FUNCTION 16 MB RAM memory card	FAMILY SIMATIC S7-400 memory cards	ORIGIN Germany	WEIGHT Confirm before dispatch
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S7-Memory 6ES7952-1AS00-0AA0 is a 16 MB RAM memory card for the SIMATIC S7-400 memory cards. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Exact Article Code	6ES7952-1AS00-0AA0
Product Class	16 Mb Ram Memory Card
Product Family	SIMATIC S7-400 memory cards
Memory Technology	RAM
Memory Capacity	16 MB
Programming Voltage	5 V system supply
Typical Current	55 mA
Maximum Current	110 mA
Controller Platform	SIMATIC S7-400
Storage Function	Program and data memory

ADDITIONAL PRODUCT DATA

Connector	S7-400 memory-card slot
Data Retention	Battery-backed
Insertion State	CPU power isolated
Coding	Siemens keyed card

OFFICIAL APPLICATIONS

- Control utility distribution with 16 Mb process control: In the automation chain for the steam, cooling and instrument-air headers, 6ES7952-1AS00-0AA0 performs its assigned control role as a 16 MB RAM memory card. During utility constraint, the system uses this function to prioritize process users from measured demand, helping it protect production continuity during the constraint.
- Align robotic handling with 16 Mb process control: In the automation chain for the robots, grippers and transfer fixtures, 6ES7952-1AS00-0AA0 performs its assigned control role as a 16 MB RAM memory card. During fault recovery, the system uses this function to restore the cell from a defined intermediate state, helping it resume material flow without losing part identity.
- Sequence chemical dosing with 16 Mb process control: As part of the metering pumps and contact tanks, 6ES7952-1AS00-0AA0 handles its designated signal or control duty as a 16 MB RAM memory card. During dose-setpoint correction, the system uses this function to match reagent flow to the measured process load, helping it keep treatment chemistry inside its operating target.

SYSTEM COMPATIBILITY

Match 6ES7952-1AS00-0AA0 to the installed SIMATIC S7-400 memory cards, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens official product documentation and manufacturer catalog](#)

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/6ES7952-1AS00-0AA0>

AMIKON PRODUCT SUPPORT

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