

SIMOTION MOTION CONTROL SYSTEMS

Product Data Sheet

6AU1240-1AB00-0AA0

simotion motion control module

FUNCTION simotion motion control module	FAMILY SIMOTION motion control systems	ORIGIN Germany	WEIGHT 4.8 kg
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Siemens SIMOTION 6AU1240-1AB00-0AA0 is a simotion motion control module for the SIMOTION motion control systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Manufacturer	Siemens
Order Number	6AU1240-1AB00-0AA0
Product Type	Simotion Motion Control Module
Product Family	SIMOTION motion control systems
Country of Origin	Germany
Control Supply	24 V DC
Digital Inputs	12 channels
Digital I/O	16 channels
PROFIBUS Ports	2 ports
PROFINET Ports	3 ports

ADDITIONAL PRODUCT DATA

Connector Check	Keying and pin condition
Grounding Check	Protective earth continuity
Configuration Record	Saved engineering project
Diagnostic Check	Module status and fault memory
Commissioning Test	Controlled functional test

OFFICIAL APPLICATIONS

- Use 6AU1240-1AB00-0AA0 in its documented control function: Apply 6AU1240-1AB00-0AA0 in the specified SIMOTION motion control systems position and confirm the complete Siemens order number, installed hardware revision, power supply and approved engineering project before service.
- Record the installed interface arrangement: Photograph terminal labels, connector keying, network or signal cabling, shields, protective earth and neighboring modules. Preserve the documented slot and configuration during exchange.
- Test the affected automation function: After fitting 6AU1240-1AB00-0AA0, restore the controlled project, review module diagnostics and test the affected I/O, HMI, network, weighing or drive function at a safe operating point. Record final acceptance results.

SYSTEM COMPATIBILITY

Match 6AU1240-1AB00-0AA0 to the installed SIMOTION motion control systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens Industry Mall product documentation](#)

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/6AU1240-1AB00-0AA0>

AMIKON PRODUCT SUPPORT

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