

SIMOTION MOTION CONTROL SYSTEMS

Product Data Sheet

6AU1240-1AA00-0AA0

programmable motion control unit

FUNCTION programmable motion control unit	FAMILY SIMOTION motion control systems	ORIGIN Germany	WEIGHT 1.14 kg
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Siemens SIMOTION 6AU1240-1AA00-0AA0 is a programmable motion control unit for the SIMOTION motion control systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Controller Type	SIMOTION C240
Control Supply	24 V DC
Fieldbus	PROFIBUS DP
Axis Control	Multi-axis motion
Digital I/O	16 configurable channels
Analog Interface	2 analog channels
Programming System	SIMOTION SCOUT
Mounting	Control cabinet
Protection Class	IP20
Encoder Interface	2 encoder inputs

ADDITIONAL PRODUCT DATA

OFFICIAL APPLICATIONS

- Use the documented programmable motion control unit: Apply 6AU1240-1AA00-0AA0 only in the manufacturer-specified SIMOTION motion control systems position. Match the complete article number, electrical interfaces and adjacent hardware before service.
- Preserve interfaces and module position: Record connector keying, terminal assignments, shields, protective earth and neighboring assemblies for 6AU1240-1AA00-0AA0; restore the same controlled arrangement during installation.
- Validate the restored control function: After installing 6AU1240-1AA00-0AA0, review system diagnostics and test the affected signals, communication or controlled equipment at a safe operating point. Record the final acceptance results.

SYSTEM COMPATIBILITY

Match 6AU1240-1AA00-0AA0 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 technical product data](#)

<https://mall.industry.siemens.com/mall/en/kettanehjoown/Catalog/Product?SiepCountryCode=OE&mlfb=6AU1240-1AA00-0AA0>

AMIKON PRODUCT SUPPORT

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