

SIMOTION MOTION CONTROL SYSTEMS

Product Data Sheet

6AU1425-2AD00-0AA0

programmable motion control unit

FUNCTION programmable motion control unit	FAMILY SIMOTION motion control systems	ORIGIN Germany	WEIGHT 1 kg
---	--	--------------------------	-----------------------

Siemens SIMOTION 6AU1425-2AD00-0AA0 is a programmable motion control unit for the SIMOTION motion control systems. The values below are limited to the exact documented article.

01

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 6AU1425-2AD00-0AA0 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 6AU1425-2AD00-0AA0; restore the same controlled arrangement during installation.
- Validate the restored control function: After installing 6AU1425-2AD00-0AA0, 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 6AU1425-2AD00-0AA0 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=6AU1425-2AD00-0AA0>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM