

SIMOTION MOTION CONTROL SYSTEMS

Product Data Sheet

6AU1455-2AD00-0AA0

simotion d455 control unit

FUNCTION simotion d455 control unit	FAMILY SIMOTION motion control systems	ORIGIN Germany	WEIGHT 3.7 kg
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Siemens SIMOTION 6AU1455-2AD00-0AA0 is a simotion d455 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

Manufacturer	Siemens
Order Number	6AU1455-2AD00-0AA0
Product Type	Simotion D455 Control Unit
Product Family	SIMOTION motion control systems
Country of Origin	Germany
Digital Inputs	12
Digital I/O	16
DRIVE-CLiQ Ports	6
PROFIBUS Ports	2
PROFINET Ports	3

ADDITIONAL PRODUCT DATA

Ethernet Ports	2
USB Ports	2

OFFICIAL APPLICATIONS

- Use 6AU1455-2AD00-0AA0 in its documented control function: Apply 6AU1455-2AD00-0AA0 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 6AU1455-2AD00-0AA0, 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 6AU1455-2AD00-0AA0 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 product documentation](#)

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/6AU1455-2AD00-0AA0>

AMIKON PRODUCT SUPPORT

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