

SIMADYN D AND TDC CONTROL SYSTEMS

Product Data Sheet

6DD1606-0AD1

SIMADYN D technology or I/O module

FUNCTION	FAMILY	ORIGIN	WEIGHT
SIMADYN D technology or I/O	SIMADYN D and TDC control	Germany	0.468 kg

Siemens Simatic S7 6DD1606-0AD1 is a SIMADYN D technology or I/O module for the SIMADYN D and TDC control systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Rated Supply	24 V DC
Mounting	Control cabinet
Protection Class	IP20
System Interface	Backplane bus
Configuration	Manufacturer engineering tool
Operating Mode	Continuous duty
Connection	Keyed industrial connector
Diagnostic State	Status indicators
Commissioning	Controlled functional test
Installation	Rack module

ADDITIONAL PRODUCT DATA

OFFICIAL APPLICATIONS

- Use the documented SIMADYN D technology or I/O module: Apply 6DD1606-0AD1 only in the manufacturer-specified SIMADYN D and TDC 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 6DD1606-0AD1; restore the same controlled arrangement during installation.
- Validate the restored control function: After installing 6DD1606-0AD1, 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 6DD1606-0AD1 to the installed SIMADYN D and TDC 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=6DD1606-0AD1>

AMIKON PRODUCT SUPPORT

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