

SIMADYN D AND TDC CONTROL SYSTEMS

Product Data Sheet

6DD1607-0EA2

SIMOLINK communication extension module

FUNCTION	FAMILY	ORIGIN	WEIGHT
SIMOLINK communication extension module	SIMADYN D and TDC control	Germany	1 kg

Siemens Simatic S7 6DD1607-0EA2 is a SIMOLINK communication extension 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

Current consumption, typ.	0.6 A
5 V DC	Yes
eClass	16
Classifications eClass	14
ETIM	10
Classifications ETIM	9
IDEA	4
UNSPSC	15
last modified:	7/17/2025
Rated Supply	24 V DC

ADDITIONAL PRODUCT DATA

OFFICIAL APPLICATIONS

- Use the documented SIMOLINK communication extension module: Apply 6DD1607-0EA2 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 6DD1607-0EA2; restore the same controlled arrangement during installation.
- Validate the restored control function: After installing 6DD1607-0EA2, 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 6DD1607-0EA2 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=6DD1607-0EA2>

AMIKON PRODUCT SUPPORT

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