

SIMADYN D CONTROL SYSTEMS

Product Data Sheet

6DD1606-0AD0

SIMADYN technology control module

FUNCTION	FAMILY	ORIGIN	WEIGHT
SIMADYN technology control module	SIMADYN D control systems	Germany	0.8 kg

Siemens SIMADYN 6DD1606-0AD0 is a SIMADYN technology control module for the SIMADYN D control systems. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Component Class	SIMADYN technology control module
Drive Family	SIMADYN D control systems
Primary Function	Executes configured high-speed technology and drive-control functions
Power Architecture	Digital technology platform
Voltage Class	24 V DC electronics
Current Rating	Project-defined signal load
Power Section	Technology rack section
Mechanical Design	Plug-in control module
Electrical Interface	Backplane, I/O and diagnostic interfaces
Commissioning Check	Restore project and validate cycle functions

- Apply the technology cycle control: Use 6DD1606-0AD0 to executes configured high-speed technology and drive-control functions within the documented SIMADYN D control systems. Confirm the technology rack section, electrical class and controlled drawing before work.
- Prepare the rack project restore: Record backplane, i/o and diagnostic interfaces, adjacent assemblies, cable routing, protective earth and configuration data. Preserve the exact SIMADYN technology module arrangement during replacement.
- Complete the real-time function test: Restore project and validate cycle functions. Review Siemens diagnostics and record the final SIMADYN technology module result before returning the affected function to service.

Match 6DD1606-0AD0 to the installed SIMADYN D control systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens manufacturer documentation](#)

<https://support.industry.siemens.com/>