

SIMADYN D AND TDC CONTROL SYSTEMS

Product Data Sheet

6DD1683-0CD0

SIMADYN power supply module

FUNCTION SIMADYN power supply module	FAMILY SIMADYN D and TDC control	ORIGIN Germany	WEIGHT 4.66 kg
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Siemens Simatic S7 6DD1683-0CD0 is a SIMADYN power supply 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

Module Designation	SP23.5
Output 1	5 V DC / 25 A
Auxiliary Output	15 V DC
AC Input	115 / 230 V AC
System Platform	SIMADYN D
Module Format	Rack power supply
Cooling	Forced cabinet air
Protection Class	IP20
Mounting	SIMADYN D subrack
Input Frequency	50 / 60 Hz

ADDITIONAL PRODUCT DATA

OFFICIAL APPLICATIONS

- Use the documented SIMADYN power supply module: Apply 6DD1683-0CD0 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 6DD1683-0CD0; restore the same controlled arrangement during installation.
- Validate the restored control function: After installing 6DD1683-0CD0, 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 6DD1683-0CD0 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=6DD1683-0CD0>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM