

SIMADYN D HIGH-PERFORMANCE CONTROL SYSTEMS

Product Data Sheet

6DD1660-0BA0

SIMADYN D control system module

FUNCTION	FAMILY	ORIGIN	WEIGHT
SIMADYN D control system module	SIMADYN D high-performance control systems	Germany	Confirm before dispatch

Simadyn D 6DD1660-0BA0 is a SIMADYN D control system module for the SIMADYN D high-performance control systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Exact Article Code	6DD1660-0BA0
Product Class	Simadyn D Control System Module
Product Family	SIMADYN D high-performance control systems
Control Supply	24 V DC or system backplane
System Interface	Manufacturer control backplane
Signal Processing	Cyclic real-time control
Diagnostics	Front-panel status indication
Configuration	Siemens engineering software
Isolation	Functional circuit isolation
Mounting	Keyed rack or drive slot

ADDITIONAL PRODUCT DATA

Protection Class	IP20 cabinet assembly
Operating Temperature	0 to +55 °C class
Commissioning Interface	System diagnostic channel

OFFICIAL APPLICATIONS

- Observe pallet transfer during blocked-zone recovery: Within the turntables, lifts and shuttle cars, 6DD1660-0BA0 provides its specified system function as a SIMADYN D control system module. During blocked-zone recovery, the system uses this function to re-establish the transfer path after the obstruction clears, helping it resume flow without losing tracking data.
- Stabilize reactor charging with Simadyn D process control: As part of the feed valves, vessels and agitators, 6DD1660-0BA0 provides its specified system function as a SIMADYN D control system module. During batch initiation, the system uses this function to sequence the material path against vessel readiness, helping it begin the reaction from a verified state.
- Sequence machine-tool automation with Simadyn D: Across the spindles, axes and tool changers, 6DD1660-0BA0 handles its designated signal or control duty as a SIMADYN D control system module. During cycle start, the system uses this function to coordinate the equipment states required by the active cycle, helping it complete the machining step with traceable status.

SYSTEM COMPATIBILITY

Match 6DD1660-0BA0 to the installed SIMADYN D high-performance control systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens official product documentation and manufacturer catalog](#)

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/6DD1660-0BA0>

AMIKON PRODUCT SUPPORT

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