

SIMATIC TDC CONTROL SYSTEMS

Product Data Sheet

6DD1640-0AH0

signal input and output module

FUNCTION signal input and output module	FAMILY SIMATIC TDC control systems	ORIGIN Germany	WEIGHT Confirm before dispatch
--	---------------------------------------	-------------------	-----------------------------------

Simadyn D 6DD1640-0AH0 is a signal input and output module for the SIMATIC TDC control systems. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Module Designation	SM500
Digital Outputs	16
Digital Inputs	16
Analog Inputs	8 standard
Integrating Inputs	4
Analog Outputs	8
Pulse Encoder Inputs	4
Absolute Encoder Inputs	4
Output Voltage Range	-10 to +10 V
Output Current	±10 mA

Output Resolution	12 bit
Conversion Time	4 μ s per channel typical
Slew Rate	Approximately 3.5 V/ μ s
Short-Circuit Protection	To ground
Interface Cable	SC62 to SBxx or SU12 modules

- Turbine Test Stands and Auxiliary Control Racks: High-speed signal processing
- Rolling Mills and Material Handling Drives: Motion signal coordination
- Test Benches and Synchronized Machine Axes: Machine signal coordination

Match 6DD1640-0AH0 to the installed SIMATIC TDC control systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens official product documentation](#)

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

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM