SIEMENS 6DD1606-1AD0 SIMADYN D PROCESS MODULE PT20M, 16-BIT 20MHZ WITH COUPLING MEMORY 64KB FOR L-BUS

Our Product Introduction

Basic Information

- Place of Origin: Germany
- Brand Name: SIEMENS
- Certification: CE
- Model Number: 6DD1606-1AD0
- Minimum Order Quantity: 1
- Price: USD
- Packaging Details: 27,50 x 27,50 x 4,20CM
- Delivery Time: 10-12Days
- Payment Terms: L/C, T/T
- Supply Ability: 100PS
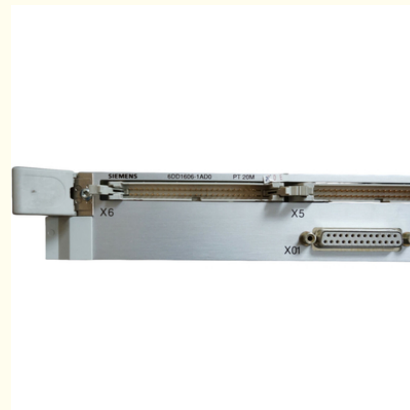
Product Specification

- Memory: 16GB
- Connectivity: Ethernet, USB, RS232
- Integrated Web Server: Yes
- Product Version: V1.0
- Model: TDC
- Integrated Functions: PLC, Motion Control, HMI, Safety, Etc.
- Environmental Conditions: 0-55°C, 5-95% Humidity
- Memory Capacity: 64 KB
- Touchscreen: Yes
- Interfaces: USB, Ethernet, RS485
- Communication Protocols: PROFIBUS, PROFINET, Modbus TCP
- Communication Interface: Ethernet, PROFIBUS, Modbus
- Power Supply: AC 100-240V
- Plm Effective Date: 2017
- Weight: 5kg

Product Description

SIEMENS 6DD1606-1AD0 SIMADYN D PROCESS MODULE PT20M, 16-BIT 20MHZ WITH COUPLING MEMORY 64KB FOR L-BUS

The Siemens 6DD1606-1AD0 SIMADYN D Processor Module PT20M is an enhanced version of the PT20 processor module, designed for the SIMADYN D control system. The key difference is the addition of a coupling memory, which provides increased functionality and integration capabilities.
Here are the key details about the SIMADYN D Processor Module PT20M:

1. Product Overview:
- The PT20M is a 16-bit, 20 MHz processor module for the SIMADYN D control system.
- It builds upon the capabilities of the standard PT20 module by adding a coupling memory feature.

2. Key Features:
- 16-bit, 20 MHz processor
- 64 KB coupling memory for increased integration and data exchange
- Retains the core I/O capabilities of the PT20 module:
- 16 bidirectional digital I/O (BI AL)
- 8 bidirectional digital I/O (BI)
- 16 digital outputs (BO)
- 7 analog inputs (AE)
- 4 analog outputs (AO)
- L-bus communication interface

3. Technical Specifications:
- Processor: 16-bit, 20 MHz microprocessor
- Memory:
- 512 KB Flash
- 256 KB RAM
- 64 KB coupling memory
- Digital I/O:
- 16 bidirectional digital I/O (BI AL)
- 8 bidirectional digital I/O (BI)
- 16 digital outputs (BO)
- Analog I/O:
- 7 analog inputs (AE)
- 4 analog outputs (AO)
- Communication Interface:
- L-bus
- Dimensions (W x H x D): Compact design for space-saving installation
- Mounting: DIN rail mounting

4. Functionality and Applications:
- The PT20M processor module is designed to provide enhanced integration and data exchange capabilities within the SIMADYN D system.
- The 64 KB coupling memory allows for increased data exchange and integration with other SIMADYN D components, such as:
- I/O modules
- User interfaces
- Other control devices
- This makes the PT20M well-suited for applications that require tighter integration, data sharing, and coordinated control, such as:
- Complex industrial automation systems
- Integrated motion control
- Process control and monitoring
- Building automation
- Other applications that benefit from increased data exchange and integration

5. Integration and Configuration:
- The PT20M processor module is designed to be seamlessly integrated into the SIMADYN D control system.
- It connects to the L-bus communication interface, allowing it to communicate with other SIMADYN D components.
- Configuration and programming of the PT20M module is typically done using the SIMADYN D engineering software, which provides a comprehensive interface for system configuration, programming, and diagnostics.
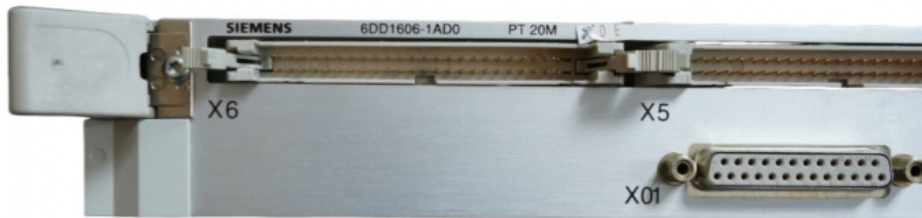
6. Advantages:
- 16-bit, 20 MHz processor with balanced performance
- Versatile I/O capabilities
- 64 KB coupling memory for enhanced integration and data exchange
- L-bus communication interface for integration into the SIMADYN D system
- Compact design for space-saving installation
- Suitable for applications requiring tighter integration and data sharing

7. Certifications and Approvals:
- The Siemens 6DD1606-1AD0 SIMADYN D Processor Module PT20M is designed to meet relevant safety and quality standards for industrial applications.
- Additional certifications may be available based on specific regional or application requirements.

Please let me know if you need any further details on this enhanced SIMADYN D processor module from Siemens.

Product	
Article Number	6DD1606-1AD0
Product Description	*** SPARE PART*** SIMADYN D PROCESS MODULE PT20M TECHNOLOGY 16 BIT, 20MHZ WITH COUPLING MEMORY 64KB FOR L-BUS
Product family	Not available
Product Lifecycle (PLM)	PM500:Discontinued Product or end of PLM & Support
PLM Effective Date	End of product lifecycle since: 01.10.2016
Notes	Product was deleted without replacement. If you need assistance please contact our local Siemens office
Price data	
Price Group	2AP
List Price	Show prices
Customer Price	Show prices
Surcharge for Raw Material	see also metal factor (further details are available on the help page)
Metal Factor	see also metal factor (further details are available on the help page)
Delivery information	
Export Control Regulations	ECCN : N / AL : N
Estimated dispatch time (Working Days)	30 Day(s)
Net Weight (kg)	0,678 Kg
Packaging Dimension	27,50 x 27,50 x 4,20
Package size unit of measure	CM
Quantity Unit	0 Piece
Packaging Quantity	1
Additional Product Information	
EAN	Not available
UPC	662643034714
Commodity Code	85371091
LKZ_FDB/ CatalogID	ST9.DA99T
Product Group	4230
Group Code	R111
Country of origin	Germany