

## SIEMENS SIMATIC PLC S7-400 6ES7416-2FN05-0AB0 CPU416F-2 Central processing unit with

Our Product Introduction

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### Basic Information

- Place of Origin: GERMANY
- Brand Name: SIEMENS
- Certification: CE
- Model Number: 6ES7416-2FN05-0AB0
- Minimum Order Quantity: 1
- Price: USD
- Packaging Details: 30\*20\*4
- Delivery Time: 5-10DAYS
- Payment Terms: L/C, T/T
- Supply Ability: 10PS



### Product Specification

- Communication Ports: 2
- Dimensions: 290 X210 X 30 Mm
- Memory Capacity: 5.6 MB
- Operating Temperature: -20°C To +60°C
- Power Supply: 24V DC
- Product Name: PLC SIMATIC S7-400
- Product Type: Programmable Logic Controller
- Program Capacity: 2.8 MB Code, 2.8 MB Data
- Programming Language: LAD, FBD, SCL, STL, GRAPH
- Programming Software: STEP 7
- Weight: 0.5 Kg



### More Images



## Product Description

SIEMENS SIMATIC PLC S7-400 6ES7416-2FN05-0AB0 CPU416F-2 Central processing unit with

Product Name: SIEMENS SIMATIC PLC S7-400 6ES7416-2FN05-0AB0 CPU 416F-2

Introduction:

The SIEMENS SIMATIC PLC S7-400 6ES7416-2FN05-0AB0 CPU 416F-2 is a central processing unit (CPU) designed for the SIEMENS SIMATIC S7-400 series programmable logic controllers (PLCs). It provides high-performance control and communication capabilities for medium to large automation applications, with additional safety features.

Origin: Germany

Product Specifications:

- Product Name: SIEMENS SIMATIC PLC S7-400 6ES7416-2FN05-0AB0 CPU 416F-2
- CPU Type: 416F-2
- Compatibility: SIEMENS SIMATIC S7-400 series
- Number of Digital Inputs: Varies depending on configuration
- Number of Digital Outputs: Varies depending on configuration
- Number of Analog Inputs: Varies depending on configuration
- Number of Analog Outputs: Varies depending on configuration
- Communication Ports: Ethernet, PROFIBUS DP
- Memory: Varies depending on configuration
- Operating Temperature: 0 to 60°C
- Dimensions (W x H x D): Varies depending on the module
- Weight: Varies depending on the module

Product Features:

- Central processing unit (CPU) for medium to large automation applications
- Compatible with the SIEMENS SIMATIC S7-400 series
- Supports a wide range of digital and analog inputs and outputs
- Ethernet and PROFIBUS DP communication interfaces for seamless integration into industrial networks
- Flexible memory configuration to accommodate specific application requirements
- Additional safety features for enhanced system protection
- Robust construction and reliable performance for demanding industrial environments
- Easy programming and configuration using the STEP 7 programming software

Functionality:

- The SIMATIC PLC S7-400 6ES7416-2FN05-0AB0 CPU 416F-2 is designed to provide high-performance control and communication capabilities for medium to large automation applications.
- It is compatible with the SIEMENS SIMATIC S7-400 series, allowing for seamless integration with other modules and components.
- The CPU supports a wide range of digital and analog inputs and outputs, providing flexibility for various automation requirements.
- It is equipped with Ethernet and PROFIBUS DP communication interfaces, enabling easy connectivity to other devices and networks.
- The memory configuration can be customized to accommodate specific application requirements.
- The CPU also includes additional safety features, ensuring enhanced system protection and compliance with safety standards.
- With its robust construction and reliable performance, the CPU is suitable for demanding industrial environments.
- Programming and configuration can be done using the STEP 7 programming software, which offers a user-friendly interface for efficient development and maintenance.

Applications:

The SIEMENS SIMATIC PLC S7-400 6ES7416-2FN05-0AB0 CPU 416F-2 is suitable for a wide range of automation applications in various industries, including but not limited to:

- Manufacturing and production processes
- Energy and utilities
- Oil and gas
- Chemical and pharmaceutical
- Water and wastewater treatment
- Building automation
- Transportation and logistics
- Food and beverage

Please note that the specific application and usage of the CPU will depend on the programming and configuration by the user. It is recommended to refer to the official documentation or consult with Siemens for detailed information and support.

Product	
Article Number (Market Facing Number)	6ES7416-2FN05-0AB0
Product Description	***** Replacement part ***** SIMATIC S7-400, CPU 416F-2, Central processing unit with: work memory 5.6 MB, (2.8 MB code, 2.8 MB data), 1st interface MPI/DP 12 Mbit/s, 2nd interface PROFIBUS DP Can be used with software package Distributed Safety as of V5.2+SP2
Product family	Not available

Product Lifecycle (PLM)	PM410:Product cancellation
PLM Effective Date	Product is cancelled since: 01.12.2016
Notes	For this product a substitute is available: 6ES7416-2FP07-0AB0 6ES7416-2FP07-0AB0 Compare Products This product is a Spare Part, please visit the Spares & Service section for more information If you need assistance please contact our local Siemens office
Substitute information	
Substitute	6ES7416-2FP07-0AB0
Substitute Description	SIMATIC S7-400, CPU 416F-2, Central processing unit with: Work memory 8 MB, (4 MB code, 4 MB data), 1st interface MPI/DP 12 Mbit/s, 2nd interface PROFIBUS DP,
Price data	
Region Specific PriceGroup / Headquarter Price Group	S50 / 2L2
List Price	Show prices
Customer Price	Show prices
Surcharge for Raw Materials	None
Metal Factor	None
Delivery information	
Export Control Regulations	ECCN : EAR99H / AL : N
Estimated dispatch time	On request
Net Weight (kg)	0,881 Kg
Packaging Dimension	23,30 x 30,10 x 3,80
Package size unit of measure	CM
Quantity Unit	1 Piece
Packaging Quantity	1
Additional Product Information	
EAN	4019169147361
UPC	Not available
Commodity Code	85389091
LKZ_FDB/ CatalogID	ST74
Product Group	4A41
Group Code	R1TP
Country of origin	Germany



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