

## SIEMENS SIMATIC PLC S7-400 6ES7416-3XR05-0AB0 CPU416-3 Central processing unit with

Our Product Introduction

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### Basic Information

- Place of Origin: GERMANY
- Brand Name: SIEMENS
- Certification: CE
- Model Number: 6ES7416-3XR05-0AB0
- Minimum Order Quantity: 1
- Price: USD
- Packaging Details: 30\*23\*6.3cm
- Delivery Time: 5-10DAYS
- Payment Terms: L/C, T/T
- Supply Ability: 10PS



### Product Specification

- CPU: CPU416-3
- Communication: MPI, PROFIBUS, PROFINET, AS-Interface
- Dimensions: 290x210x30
- Memory: 11.2 MB
- Operating Temperature: -20°C To +60°C
- Power Supply: 24 V DC
- Programming: STEP 7
- Protection Class: IP20
- Type: PLC SIMATIC S7-400



### More Images



## Product Description

SIEMENS SIMATIC PLC S7-400 6ES7416-3XR05-0AB0 CPU416-3 Central processing unit with

The SIEMENS SIMATIC PLC S7-400 6ES7416-3XR05-0AB0 CPU416-3 is a central processing unit (CPU) designed for the S7-400 series of programmable logic controllers. It serves as the brain of the automation system, responsible for executing control programs and coordinating communication between various modules.

Key features and specifications of the SIEMENS SIMATIC PLC S7-400 6ES7416-3XR05-0AB0 CPU416-3 include:

1. **Processing Power:** The CPU416-3 offers high-performance processing capabilities, allowing for fast and efficient execution of control programs. It can handle complex and demanding automation tasks.
2. **Memory Capacity:** It has a generous memory capacity for storing program code, data, and system parameters. This ensures sufficient space for the implementation of complex control algorithms and data processing.
3. **Communication Interfaces:** The CPU416-3 is equipped with multiple communication interfaces, enabling seamless integration with other automation devices and systems. It supports various industry-standard protocols such as PROFIBUS and PROFINET, facilitating efficient data exchange.
4. **Redundancy Support:** The CPU416-3 supports redundancy, providing a reliable and fault-tolerant automation system. Redundancy ensures uninterrupted operation and minimizes downtime in critical applications.
5. **Compatibility:** The CPU416-3 is compatible with a wide range of I/O modules, allowing for flexible configuration and expansion of the control system. This enables customization according to specific application requirements.
6. **Programming:** The CPU416-3 can be programmed using the industry-standard STEP 7 programming software. It supports various programming languages such as ladder logic (LAD), function block diagram (FBD), and structured text (ST), providing flexibility for programming and application development.

The SIEMENS SIMATIC PLC S7-400 6ES7416-3XR05-0AB0 CPU416-3 is commonly used in industries such as manufacturing, energy, and process automation. Its powerful processing capabilities, extensive memory capacity, and communication interfaces make it suitable for applications requiring high-speed control and advanced functionality.





Product	
Article Number (Market Facing Number)	6ES7416-3XR05-0AB0

Product Description	***** Replacement part ***** SIMATIC S7-400, CPU 416-3 Central processing unit with: work memory 11.2 MB, (5.6 MB code, 5.6 MB data), 1st interface MPI/DP 12 Mbit/s, 2nd interface PROFIBUS DP, 3rd interface plug-in IFM module
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: 6ES7416-3XS07-0AB0 6ES7416-3XS07-0AB0 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	6ES7416-3XS07-0AB0
Substitute Description	SIMATIC S7-400, CPU 416-3, Central processing unit with: Work memory 16 MB, (8 MB code, 8 MB data), 1st interface MPI/DP 12 Mbit/s, 2nd interface PROFIBUS DP, 3rd interface plug-in IFM module
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)	1,001 Kg
Packaging Dimension	23,30 x 30,30 x 6,30
Package size unit of measure	CM
Quantity Unit	1 Piece
Packaging Quantity	1
Additional Product Information	
EAN	4019169147385
UPC	Not available
Commodity Code	85389091
LKZ_FDB/CatalogID	ST74
Product Group	4A41
Group Code	R1TP
Country of origin	Germany



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