

SIEMENS 6ES7314-6BF01-0AB0 SIMATIC S7-300, CPU 314C-2 PTP COMPACT CPU WITH MPI, 24 DI/16 DO, 4AI, 2AO, 1 PT100

Our Product Introduction

Basic Information

- Place of Origin: Germany
- Brand Name: SIEMENS
- Certification: CE
- Model Number: 6ES7314-6BF01-0AB0
- Minimum Order Quantity: 1
- Price: USD
- Packaging Details: 13,40 x 15,50 x 13,10CM
- Delivery Time: 10-12Days
- Payment Terms: L/C, T/T
- Supply Ability: 100PS



Product Specification

- Memory: 128KB 256KB 512KB 1M 2M
- Communication Interfaces: MPI/DP, PROFIBUS, Ethernet
- Number Of Digital Outputs: 16
- Number Of Timers: 4
- Ip Rating: IP65
- Display Type: Touchscreen
- Number Of Analog Inputs: 8
- Communication Interface: PROFINET, PROFIBUS DP
- Communication Ports: 1/2/3/4
- Memory Size: 128 KB
- Number Of Analog Outputs: 2
- Processor: ARM Cortex-A8 600 MHz
- Programming Software: STEP 7
- Protection Rating: IP20
- Mounting Type: Panel Mounting

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Product Description

SIEMENS 6ES7314-6BF01-0AB0 SIMATIC S7-300, CPU 314C-2 PTP COMPACT CPU WITH MPI, 24 DI/16 DO, 4AI, 2AO, 1 PT100

The Siemens 6ES7314-6BF01-0AB0 is a SIMATIC S7-300 CPU 314C-2 PTP Compact CPU module with an integrated MPI (Multi-Point Interface). This CPU module offers a variety of digital and analog inputs and outputs, as well as support for a PT100 temperature sensor.

****Product Description:****

- ****Model:**** 6ES7314-6BF01-0AB0
- ****Product:**** SIMATIC S7-300 CPU 314C-2 PTP Compact CPU with MPI
- ****Digital Inputs/Outputs:**** 24 DI (Digital Inputs) / 16 DO (Digital Outputs)
- ****Analog Inputs/Outputs:**** 4 AI (Analog Inputs) / 2 AO (Analog Outputs)
- ****Temperature Sensor:**** Support for 1 PT100 temperature sensor

****Key Features:****

1. ****Compact Design:**** The CPU 314C-2 PTP is designed for compact automation solutions.
2. ****MPI Interface:**** Integrated MPI for communication within the S7-300 system and with external devices.
3. ****Digital Inputs/Outputs:**** Provides 24 digital inputs and 16 digital outputs for handling binary signals.
4. ****Analog Inputs/Outputs:**** Includes 4 analog inputs and 2 analog outputs for processing continuous signals.
5. ****Temperature Sensor Support:**** Capable of interfacing with a PT100 temperature sensor for temperature monitoring.

****Applications:****

1. ****Industrial Automation:**** Suitable for control and monitoring in industrial automation applications.
2. ****Process Control:**** Enables precise control over processes with analog inputs and outputs.
3. ****Temperature Monitoring:**** Supports temperature sensing and monitoring with the PT100 sensor.

For detailed installation instructions, configuration settings, and programming guidelines for the 6ES7314-6BF01-0AB0 CPU module, refer to the product documentation provided by Siemens. Siemens' technical support can assist with integrating and utilizing this CPU module effectively in your specific automation setup.

Product	
Article Number	6ES7314-6BF01-0AB0
Product Description	SIMATIC S7-300, CPU 314C-2 PTP COMPACT CPU WITH MPI, 24 DI/16 DO, 4AI, 2AO, 1 PT100, 4 FAST COUNTERS (60 KHZ), INTEGRATED INTERFACE RS485, INTEGRATED 24V DC POWER SUPPLY, 48 KBYTE WORKING MEMORY, FRONT CONNECTOR (2 X 40PIN) AND MICRO MEMORY CARD REQUIRED
Product family	Not available
Product Lifecycle (PLM)	PM500:Discontinued Product or end of PLM & Support
PLM Effective Date	End of product lifecycle since: 01.10.2013
Notes	Product is no longer available. Successor: 6ES7314-6BH04-0AB0 Compare Products
Successor information	
Successor	6ES7314-6BH04-0AB0
Successor Description	SIMATIC S7-300, CPU 314C-2 PTP Compact CPU with MPI, 24 DI/16 DO, 4 AI, 2 AO, 1 Pt100, 4 high-speed counters (60 kHz), integrated interface RS485, Integr. power supply 24 V DC, work memory 192 KB, Front connector (2x 40-pole) and Micro Memory Card required
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)	1 Day(s)

Net Weight (kg)	0,756 Kg
Packaging Dimension	13,40 x 15,50 x 13,10
Package size unit of measure	CM
Quantity Unit	0 Piece
Packaging Quantity	1
Additional Product Information	
EAN	4025515069683
UPC	Not available
Commodity Code	85371091
LKZ_FD B/ Catalog D	ST9-E5
Product Group	4302
Group Code	R111
Country of origin	Germany



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