6ES7216-2BD23-0XB8

SIMATIC S7-200 CN CPU 226 Relay Controller

Siemens 6ES7216-2BD23-0XB8 is an S7-200 CN CPU 226 compact controller with AC power, 24 digital inputs, 16 relay outputs, and two PPI/user-programmable interfaces.

PRODUCT ENQUIRY

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Product overview

Siemens 6ES7216-2BD23-0XB8 is the CPU 226 compact device for the SIMATIC S7-200 CN family. The configuration combines an AC power supply with 24 digital DC inputs and 16 relay outputs in one controller body.

The CPU provides 16/24 KB program capacity, 10 KB data memory, and two interfaces that can be used for PPI or user-programmable communication. Its integrated signal count makes it suitable for compact control panels where relay outputs and local input density are required.

This order number is identified as an S7-200 CN spare part and carries CE approval for the CN product variant. Preserve the program, interface settings, field wiring, and output load details before exchange, and verify that the replacement is the exact XB8 regional configuration.

Technical specifications

Parameter	Value
Model Number	6ES7216-2BD23-0XB8
Product Family	SIMATIC S7-200 CN
Product Type	CPU 226 compact device
Lifecycle Wording	Spare part
Power Supply	AC
Digital Inputs	24
Input Type	24 V DC
Digital Outputs	16
Output Type	Relay
Program Capacity	16 / 24 KB
Data Memory	10 KB
Communication Interfaces	2
Interface Operation	PPI / user-programmable
Typical Power Loss	17 W
Width	196 mm
Height	80 mm
Depth	62 mm
CE Approval	Yes
EAC Approval	Yes
China RoHS	Yes
BV Maritime Approval	Yes
ETIM 10	EC000236
UNSPSC 15	32-15-17-05

Source: Siemens product data for 6ES7216-2BD23-0XB8