6ES7214-1DC01-0XB0

Industrial automation components

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Manufacturer	Siemens
Catalog number	6es7214-1dc01-0xb0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	Compact PLC
Program Instructions	2,000 instructions
Data Words	2,000 words
Digital Inputs	14 inputs
Digital Outputs	10 outputs
Input Voltage	24 V DC
Output Voltage	120 V AC
Supply Voltage	20.4 to 28.8 V DC
Current Consumption	500 mA
Dimensions	25.00 x 28.70 x 8.00 cm
Weight	0.56 kg

Description

The Siemens 6ES7214-1DC01-0XB0 is a compact programmable logic controller (PLC) from the SIMATIC S7-200 series, designed for industrial automation applications. This CPU 214 unit offers 2,000 program instructions and 2,000 data words, providing reliable processing power for managing complex production tasks. It features 14 digital inputs at 24 V DC and 10 digital outputs at 120 V AC, ensuring flexible integration with a wide range of automation components. The controller operates with a supply voltage of 20.4 to 28.8 V DC and has a current consumption of 500 mA under rated conditions. Its compact design and robust performance make it suitable for various industrial environments, offering a balance between functionality and space efficiency.

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