

6ES7414-3XJ04-0AB0

Industrial automation components

Manufacturer	Siemens
Catalog number	6es7414-3xj04-0ab0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.47 kgs
Product Type	Module
Memory/Storage	1.4 MB
Interface Type	profibus
Supply Voltage	24 V DC
Power Loss	4.5 W
Dimensions	220 mm x 290 mm x 50 mm
Weight	1.04 kg
Supply Voltage	24 V DC

Description

The Siemens 6ES7414-3XJ04-0AB0 is a central processing unit (CPU) designed for the SIMATIC S7-400 series, tailored for complex automation tasks in demanding industrial environments. This CPU 414-3 model features a 1.4 MB work memory, equally divided into 700 KB for code and 700 KB for data, ensuring reliable operation and efficient program execution. It is equipped with three interfaces: a high-speed MPI/DP interface supporting up to 12 Mbit/s, a PROFIBUS DP interface for robust field communication, and a third interface for a plug-in IFM module, offering flexible integration with various industrial control systems. The device operates at a supply voltage of 24 V DC and has a typical power loss of 4.5 W. Its compact dimensions are 220 mm in height, 290 mm in length, and 50 mm in width, with a weight of approximately 1.04 kg. This CPU is suitable for integration into existing systems requiring high-performance processing capabilities and versatile connectivity options.