

SIMATIC S7-400H AUTOMATION SYSTEMS

Product Data Sheet

6ES7414-4HJ04-0AB0

CPU 414-4H redundant processor

FUNCTION	FAMILY	ORIGIN	WEIGHT
CPU 414-4H redundant processor	SIMATIC S7-400H automation systems	Germany	Confirm before dispatch

S7-400 6ES7414-4HJ04-0AB0 is a CPU 414-4H redundant processor for the SIMATIC S7-400H automation systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Exact Article Code	6ES7414-4HJ04-0AB0
Product Class	Cpu 414-4H Redundant Processor
Product Family	SIMATIC S7-400H automation systems
Product type designation	CPU 414-4H
Rated value (DC)	Power supply via system power supply
from backplane bus 5 V DC, typ.	1 800 A
from backplane bus 5 V DC, max.	2 A
Power loss, typ.	4.5 W
Type of memory	RAM
integrated (for program)	700 kbyte

ADDITIONAL PRODUCT DATA

expandable FEPRM	Yes; with Memory Card (FLASH)
expandable FEPRM, max.	64 Mbyte
integrated RAM, max.	256 kbyte
expandable RAM	Yes; with Memory Card (RAM)
with battery	Yes; all data

OFFICIAL APPLICATIONS

- Packaging and assembly machine control with CPU 414-4H redundant: Machine sequence coordination ■ CPU 414-4H redundant packaging conveyor sequence control ■ CPU 414-4H redundant machine permissive signal handling
- Pumping stations and treatment skids with CPU 414-4H redundant: Utility process coordination ■ CPU 414-4H redundant lift-station pump duty rotation ■ CPU 414-4H redundant treatment skid alarm coordination
- Assembly cells and conveyor zones with CPU 414-4H redundant: Cell sequence control ■ CPU 414-4H redundant assembly fixture cycle sequencing ■ CPU 414-4H redundant conveyor zone interlock control

SYSTEM COMPATIBILITY

Match 6ES7414-4HJ04-0AB0 to the installed SIMATIC S7-400H automation systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Manufacturer official product documentation](#)

<https://support.industry.siemens.com/>

AMIKON PRODUCT SUPPORT

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