

SIEMENS SIMATIC S7-400

Central Processing Unit CPU 414-2 — 6ES7414-2XK05-0AB0

Product Description: SIMATIC S7-400 CPU 414-2 central processing unit with 2.8 MB work memory (1.4 MB code, 1.4 MB data), 1st interface MPI/PROFIBUS DP 12 Mbit/s, 2nd interface PROFIBUS DP, high-performance execution speed for medium-to-large automation tasks.

General Specifications

Manufacturer	Siemens
Product Family	SIMATIC S7-400
Module Type	Central Processing Unit (CPU)
Order Number (MPN)	6ES7414-2XK05-0AB0
Product Status	Available / Standard Product

Technical Specifications

Work Memory	2.8 MB (1.4 MB Code + 1.4 MB Data)
Processing Time (Bit Ops)	0.045 µs
Processing Time (Word Ops)	0.045 µs
Processing Time (Floating Point)	0.135 µs
Interfaces	1x MPI/PROFIBUS DP, 1x PROFIBUS DP
PROFIBUS DP Speed	Up to 12 Mbit/s
Memory Card Extension	Supported (RAM or Flash Memory Card)
Current Consumption (5 V DC)	0.9 A (typical)
Power Loss	4.5 W

Dimensions & Mechanical Data

Width	25 mm (1 slot width)
Height	290 mm

Depth	219 mm
Net Weight	Approx. 0.70 kg