

SIMATIC S7-400 CPU413-1

Product Data Sheet

6ES7413-1XG01-0AB0

MPI Central Processing Unit

INTEGRATED WORK MEMORY	INTEGRATED LOAD MEMORY	LOAD MEMORY EXPANSION	PROCESS IMAGE CAPACITY
72 KB	8 KB, CPU413-1 family resource table	15 MB maximum with memory card	128 byte each, inputs and outputs

Siemens 6ES7413-1XG01-0AB0 is a mpi central processing unit in the SIMATIC S7-400 CPU413-1 range. It is used for central program execution in compatible S7-400 control systems in compatible industrial automation projects.

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VERIFIED TECHNICAL DATA

Integrated work memory	72 KB
Integrated load memory	8 KB, CPU413-1 family resource table
Load memory expansion	15 MB maximum with memory card
Process image capacity	128 byte each, inputs and outputs
Peripheral address space	2 KB
Digital address capacity	16384 input/output points
Analog address capacity	1024 input/output values
Flag resource	4096 memory bits
Counter resource	256 S7 counters
Timer resource	256 S7 timers

ADDITIONAL PRODUCT DATA

Total local data	4 KB
Organization block resource	23 OBs
Function block resource	256 FBs
Data block resource	511 DBs
System function resource	55 SFCs

DOCUMENTED USE SETTINGS

Electric Power Generation and Energy Production: Electric Power Generation Control.

Chemical and Petrochemical Production Processes: Chemical Production Process Automation.

Industrial Assembly and Component Production: Industrial Assembly and Production.

SYSTEM COMPATIBILITY

Integrate 6ES7413-1XG01-0AB0 only in the documented SIMATIC S7-400 CPU413-1 configuration. Match the installed interfaces and the engineered application before selecting this mpi central processing unit.

PRODUCT EVIDENCE

Siemens From S5 to S7, A5E02903604-01, CPU413-1 family resource table2-2, printed p.2-7; exact MPI identity corroborated by Siemens compatibility lists

AMIKON PRODUCT SUPPORT

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