

SIPLUS S7-200 CPU224XP

Product Data Sheet

6AG1214-2BD23-2XB0

Extended Temperature Compact Controller

AC POWER RATING	PROGRAM MEMORY	DATA MEMORY	BIT PROCESSING TIME
120/230 V AC	16 KB; 12 KB with runtime editing	10 KB	0.22 micros maximum

Siemens 6AG1214-2BD23-2XB0 is a extended temperature compact controller in the SIPLUS S7-200 CPU224XP range. It is intended for compatible industrial automation projects requiring the documented compact control in extended environmental conditions.

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VERIFIED TECHNICAL DATA

AC power rating	120/230 V AC
Program memory	16 KB; 12 KB with runtime editing
Data memory	10 KB
Bit processing time	0.22 micros maximum
Digital input count	14
Relay output count	10
Onboard analog I/O	2 analog inputs, 1 analog output
Maximum expansion modules	7 S7-22x modules
Sensor-supply current	280 mA maximum
Relay resistive-load rating	2 A

ADDITIONAL PRODUCT DATA

High-speed counter count	6
Maximum counting rate	200 kHz
RS485 interface count	2
Counter/timer resources	256 counters and 256 timers
Horizontal operating range	-25 to 70 deg C

DOCUMENTED USE SETTINGS

Water Supply and Municipal Wastewater Treatment: Municipal Water Supply Control.

Manufacturing and Industrial Component Production Processes: Industrial Component Manufacturing Processes.

Food Processing and Commercial Beverage Production: Beverage Processing and Production.

SYSTEM COMPATIBILITY

Integrate 6AG1214-2BD23-2XB0 only in the documented SIPLUS S7-200 CPU224XP configuration. Match the installed interfaces and the engineered application before selecting this extended temperature compact controller.

PRODUCT EVIDENCE

Siemens 6AG1214-2BD23-2XB0 official product technical data, applicable pages 1, 2, 3

AMIKON PRODUCT SUPPORT

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