

SIMATIC S7-1200 CPU 1215C

Product Data Sheet

6ES7215-1AG40-0XB0

DC/DC/DC compact controller

SUPPLY VOLTAGE RANGE	DIGITAL INPUTS	DIGITAL OUTPUTS	ANALOG INPUTS
20.4 to 28.8 V DC	14 x 24 V DC	10 transistor outputs, 0.5 A each	2 x 0 to 10 V

Siemens 6ES7215-1AG40-0XB0 is a SIMATIC S7-1200 CPU 1215C DC/DC/DC compact controller for discrete and continuous automation. The documented configuration combines a DC supply, transistor outputs, integrated analog channels and Ethernet communication.

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VERIFIED TECHNICAL DATA

Supply voltage range	20.4 to 28.8 V DC
Digital inputs	14 x 24 V DC
Digital outputs	10 transistor outputs, 0.5 A each
Analog inputs	2 x 0 to 10 V
Analog outputs	2 x 0 to 20 mA
Work memory	125 KB
Load memory	4 MB
Typical input current	500 mA
Maximum input current	1500 mA with expansion modules
Typical power loss	12 W

ADDITIONAL PRODUCT DATA

Bit execution time	0.085 micros
Word execution time	1.7 micros
Floating-point execution time	2.3 micros
High-speed counters	6, maximum 100 kHz
Pulse outputs	4, maximum 100 kHz

DOCUMENTED USE SETTINGS

Food Manufacturing and Beverage Production: Food Processing and Production.

Chemical Manufacturing and Industrial Processing: Industrial Chemical Manufacturing.

Industrial Manufacturing and Automated Production: Discrete Manufacturing and Assembly.

SYSTEM COMPATIBILITY

6ES7215-1AG40-0XB0 belongs to the SIMATIC S7-1200 CPU 1215C family and provides the documented dc/dc/dc compact controller function. Documented supply voltage range: 20.4 to 28.8 V DC; match this characteristic to the connected equipment and the project configuration.

PRODUCT EVIDENCE

Siemens SIMATIC S7-1200 CPU 1215C manufacturer documentation; applicable pages 1, 2, 3, 4, 5, 6, 7, 8

AMIKON PRODUCT SUPPORT

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