

SIMATIC S7-1200 CPU 1215C

Product Data Sheet

6ES7215-1BG40-0XB0

AC/DC/relay compact PLC controller

SUPPLY VOLTAGE RANGE	SUPPLY FREQUENCY RANGE	WORK MEMORY CAPACITY	LOAD MEMORY CAPACITY
85 to 265 V AC	47 to 63 Hz	200 KB	4 MB

Siemens 6ES7215-1BG40-0XB0 is the AC/DC/relay CPU 1215C of the SIMATIC S7-1200 compact-controller family. It combines programmable control, local digital and analog I/O and dual-port PROFINET communication for machine and production automation.

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VERIFIED TECHNICAL DATA

Supply voltage range	85 to 265 V AC
Supply frequency range	47 to 63 Hz
Work memory capacity	200 KB
Load memory capacity	4 MB
Retentive data capacity	14 KB
Integrated digital inputs	14, 24 V DC
Integrated relay outputs	10, 2 A per output
Integrated analog inputs	2, 0 to 10 V
Integrated analog outputs	2, 0 to 20 mA
PROFINET interface ports	2

ADDITIONAL PRODUCT DATA

Expansion signal modules	8 maximum
Expansion communication modules	3 maximum
Bit processing time	0.08 micros
Floating-point processing time	2.3 micros
CPU power loss	14 W

DOCUMENTED USE SETTINGS

Industrial Manufacturing and Process Automation: Automated Assembly Line Production.

Food and Beverage Manufacturing: Food Production and Packaging.

Water Treatment and Distribution: Municipal Water Treatment.

SYSTEM COMPATIBILITY

6ES7215-1BG40-0XB0 is the ac/dc/relay compact plc controller for SIMATIC S7-1200 CPU 1215C. Match the documented interface and installed companion equipment before configuring the assembly.

PRODUCT EVIDENCE

Siemens SIMATIC S7-1200 CPU 1215C technical documentation

AMIKON PRODUCT SUPPORT

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