

SIMATIC S7-1200 CPU 1215C

# Product Data Sheet

**6ES7215-1BG31-0XB0**

AC-powered compact PLC controller

|                 |                  |             |             |
|-----------------|------------------|-------------|-------------|
| AC SUPPLY RANGE | SUPPLY FREQUENCY | WORK MEMORY | LOAD MEMORY |
| 85 to 265 V AC  | 47 to 63 Hz      | 100 KB      | 4 MB        |

Siemens 6ES7215-1BG31-0XB0 is an AC/DC/relay CPU 1215C compact controller in the SIMATIC S7-1200 family. It combines programmable machine control, integrated field I/O and PROFINET communication for small and medium automation tasks.

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## VERIFIED TECHNICAL DATA

|                   |                    |
|-------------------|--------------------|
| AC supply range   | 85 to 265 V AC     |
| Supply frequency  | 47 to 63 Hz        |
| Work memory       | 100 KB             |
| Load memory       | 4 MB               |
| Retentive memory  | 10 KB              |
| Digital inputs    | 14, 24 V DC        |
| Relay outputs     | 10, 2 A per output |
| Analog inputs     | 2, 0 to 10 V       |
| Analog outputs    | 2, 0 to 20 mA      |
| Analog resolution | 10 bits            |

## ADDITIONAL PRODUCT DATA

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|                               |              |
|-------------------------------|--------------|
| PROFINET ports                | 2            |
| Signal-module capacity        | 8 modules    |
| Communication-module capacity | 3 modules    |
| Bit instruction time          | 0.085 micros |
| Power loss                    | 12 W         |

## DOCUMENTED USE SETTINGS

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Industrial Manufacturing and Production: Discrete Parts Manufacturing.

Food and Beverage Manufacturing: Food Production and Packaging.

Water Treatment and Distribution: Municipal Water Treatment.

## SYSTEM COMPATIBILITY

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6ES7215-1BG31-0XB0 is the ac-powered compact plc controller for SIMATIC S7-1200 CPU 1215C. Match the documented interface and installed companion equipment before configuring the assembly.

## PRODUCT EVIDENCE

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Siemens SIMATIC S7-1200 CPU 1215C technical documentation

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM