

AMIKON TECHNICAL INTELLIGENCE

Product Data Sheet

Siemens 6ES7211-1AE40-0XB0
SIMATIC S7-1200 CPU 1211C

CPU	SUPPLY	ONBOARD I/O	PROTECTION
1211C	24 V DC	6 DI / 4 DO / 2 AI	IP20

Siemens 6ES7211-1AE40-0XB0 is a SIMATIC S7-1200 CPU 1211C compact controller with a 24 V DC supply, transistor outputs, integrated analog inputs, and a PROFINET interface.

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OFFICIAL PRODUCT PARAMETERS

Product designation	CPU 1211C DC/DC/DC
Firmware version	V4.7
Programming package	STEP 7 V20 or higher
Supply voltage	24 V DC; permissible 20.4 to 28.8 V DC
Onboard digital inputs	6 x 24 V DC
Onboard digital outputs	4 x 24 V DC transistor
Onboard analog inputs	2 x 0 to 10 V DC
Work memory	75 KB
Load memory	1 MB
PROFINET interfaces	1

Source: Siemens Industry Mall official product data for article number 6ES7211-1AE40-0XB0.

02 MECHANICAL AND OPERATING DATA

Power loss	8 W typical
Dimensions	90 x 100 x 75 mm
Approximate weight	370 g
Degree of protection	IP20
CPU processing time	0.08 microseconds per bit instruction
Backplane output current	750 mA maximum at 5 V DC
Reverse polarity protection	Yes

03 DOCUMENT CONTROL

Use the current controlled Siemens documentation, project safety assessment, wiring rules, and TIA Portal hardware configuration. This Amikon reference does not replace Siemens installation or commissioning instructions.