SIEMENS PRODUCT REFERENCE

6ES7211-1BE40-0XB0

Siemens SIMATIC S7-1200 CPU 1211C AC/DC/Relay

Compact SIMATIC S7-1200 CPU 1211C with 6 digital inputs, 4 relay outputs, 2 analog inputs and an 85-264 V AC supply.

Configuration at a glance

ONBOARD I/O **6 DI | 4 relay DO | 2 AI**	SUPPLY **85-264 V AC**
WORK MEMORY **75 KB**	LIFECYCLE **Active Product**

Technical data for the exact article

SPECIFICATION	VERIFIED ARTICLE DATA
Article number	6ES7211-1BE40-0XB0
CPU designation	CPU 1211C AC/DC/relay
Digital inputs	6 x 24 V DC
Digital outputs	4 x relay, 2 A
Analog inputs	2 x 0-10 V DC
AC supply range	85-264 V AC
Line frequency	47-63 Hz
Work memory	75 KB
Firmware shown by Siemens	V4.7
Engineering software	STEP 7 V20 or higher
Typical power loss	10 W
Approximate net weight	0.384 kg
Current Siemens lifecycle	Active Product

Application guidance

Mixed-voltage machine panels

AC-powered compact control with isolated relay switching after load ratings are verified.

Contactors and solenoids

Relay outputs can interface with suitable industrial loads while respecting contact limits and suppression requirements.

Small utility systems

Onboard discrete and analog voltage inputs reduce module count in compact applications.

Service replacements

Supports like-for-like CPU 1211C AC/DC/relay replacement when firmware and project compatibility are confirmed.

Engineering verification notes

Relay switching is not high-speed pulse output

Use the relay contacts within their switching frequency and electrical-life limits; do not treat them as transistor PTO channels.

AC wiring separation

Maintain the required segregation between mains supply, relay load circuits, 24 V input wiring and analog signal conductors.

Questions engineers commonly ask

What electrical arrangement does AC/DC/Relay describe on this 1211C?

The CPU is powered from AC, senses 24 V DC digital inputs and switches four relay outputs. The two onboard analog inputs accept 0-10 V DC.

What mains range and frequency are specified for 6ES7211-1BE40-0XB0?

Siemens specifies 85-264 V AC at 47-63 Hz. Protective devices, conductor sizing and panel standards remain part of the machine design.

Are all four digital outputs rated as relay contacts?

Yes. Siemens lists four relay outputs with a 2 A rating, but the permitted load category, grouping and switching frequency must be checked in the full technical data.

Can the relay outputs generate high-speed pulse trains?

Relay contacts are not intended to replace transistor pulse outputs. Motion or high-frequency switching duties require hardware explicitly specified for that function.

DOCUMENT STATUS	Prepared by Moore Automation from the Siemens product records identified as Siemens SiePortal product page, Siemens official technical data. This independent reference is not a Siemens-issued manual and does not replace the current manufacturer documentation for installation, wiring, safety or certification.

Product support: Tiffany Guan | plcsale@mooreplc.com | WhatsApp/WeChat: +86 180 3023 5313

Before ordering, match the complete article number, hardware version, firmware, electrical design, wiring and application.