

AMIKON TECHNICAL INTELLIGENCE

Product Data Sheet

Siemens 6ES7212-1BE40-0XB0
SIMATIC S7-1200 CPU 1212C AC/DC/relay

CPU	SUPPLY	ONBOARD I/O	PROTECTION
1212C	85-264 V AC	8 DI / 6 relay DO / 2 AI	IP20

Siemens 6ES7212-1BE40-0XB0 is a SIMATIC S7-1200 CPU 1212C AC/DC/relay compact controller with an AC power supply, 24 V DC digital inputs, relay outputs, analog inputs, and PROFINET communication.

01

OFFICIAL PRODUCT PARAMETERS

Product designation	CPU 1212C AC/DC/relay
Firmware version	V4.7
Engineering software	STEP 7 V20 or higher
AC supply range	85 to 264 V AC
Line frequency	47 to 63 Hz
Digital inputs	8 integrated; 24 V DC
Digital outputs	6 relay outputs; 2 A resistive load
Analog inputs	2 integrated; 0 to 10 V DC
Work memory	100 KB integrated
Load memory	2 MB integrated

Source: Siemens official product data sheet for article number 6ES7212-1BE40-0XB0.

02 INTERFACES AND OPERATING DATA

PROFINET interfaces	1 integrated RJ45 port
Power loss	11 W typical
Dimensions	90 x 100 x 75 mm
Approximate weight	425 g
Degree of protection	IP20
Operating temperature	-20 to 60 degrees C horizontal
Relay switching	2 A resistive load maximum
Input voltage	24 V DC digital input circuits

03 ENGINEERING AND SAFETY NOTES

Verify the AC supply range, line frequency, relay load ratings, protective devices, terminal assignments, grounding, EMC separation, enclosure conditions, firmware, and TIA Portal project before commissioning. Use the current controlled Siemens manuals and safety instructions.