AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ES7214-1AD23-0XB8

CPU 224 DC/DC/DC

SUPPLY	INPUTS	OUTPUTS	PORTS
24 V DC	**14 digital**	**10 transistor**	**1 RS485**

The Siemens 6ES7214-1AD23-0XB8 is the S7-200CN CPU 224 DC/DC/DC controller. It combines a twenty-four volt DC supply, fourteen digital inputs and ten transistor outputs. Siemens explicitly cross-references its wiring and performance to the corresponding international CPU 224.

01 VERIFIED TECHNICAL INFORMATION

Controller	S7-200CN CPU 224 DC/DC/DC
Supply voltage	24 V DC nominal; 20.4-28.8 V DC
Digital inputs	14 inputs, 24 V DC
Digital outputs	10 sourcing transistor outputs
Output current	0.75 A maximum per point
Program memory	8192 bytes with run-mode edit; 12288 bytes without
User data memory	8192 bytes

Manufacturer evidence: S7-200 Programmable Controller System Manual; exact-model manual section.

02 TECHNICAL INFORMATION CONTINUED

Expansion capacity	7 modules, subject to power budget
Communication port	1 RS485 port
PPI/MPI slave rates	9.6, 19.2 and 187.5 kbaud
Freeport rates	1.2 to 115.2 kbaud
Pulse outputs	2 at up to 20 kHz; Q0.0 and Q0.1
Power dissipation	7 W
Expansion/sensor power	660 mA at 5 V; 280 mA at 24 V
Bare dimensions	120.5 x 80 x 62 mm (W x H x D)

03 SOURCE AND CONFIGURATION CHECKS

The compact CPU provides one RS485 communication port and accepts up to seven expansion modules within its power budget. Program capacity depends on whether run-mode editing is enabled. The CN ordering suffix must remain visible because approvals require separate verification against the actual unit.

Packed dimensions and supplied-unit origin must be checked against the actual delivery. No verified gross shipping weight is inferred from module net mass.

Siemens original documentation and product reference

AMIKON PRODUCT SUPPORT

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