AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ES7214-1BD23-0XB8

CPU 224 AC/DC/relay



SUPPLY	INPUTS	OUTPUTS	PORTS
120-240 V AC	**14 digital**	**10 relay**	**1 RS485**

The Siemens 6ES7214-1BD23-0XB8 is the S7-200CN CPU 224 AC/DC/relay version. Its integrated arrangement combines an AC supply with fourteen twenty-four volt digital inputs and ten relay outputs. The manufacturer links its technical performance and wiring to the corresponding BD23-XB0.

01 VERIFIED TECHNICAL INFORMATION

Controller	S7-200CN CPU 224 AC/DC/relay
Supply voltage	120-240 V AC nominal; 85-264 V AC permissible
Supply frequency	47-63 Hz
Digital inputs	14 inputs, 24 V DC
Digital outputs	10 relay outputs
Relay voltage range	5-30 V DC or 5-250 V AC
Relay current	2 A maximum per point

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

02 TECHNICAL INFORMATION CONTINUED

Relay switching	10 ms maximum delay; 1 Hz maximum frequency
Program memory	8192 bytes with run-mode edit; 12288 bytes without
User data memory	8192 bytes
Expansion capacity	7 modules, subject to power budget
Communication port	1 RS485 port
Power dissipation	10 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

Relay outputs provide dry-contact switching with different behavior from the transistor version. One RS485 communication port, expandable local I/O and selectable program capacity support compact control projects. Approval markings and destination suitability require confirmation for the CN unit rather than assumptions from international models.

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

+86-18020776786 INFO@AMIKON.CN

AMIKONG.COM