AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ES7214-1BD22-0XB0

CPU 224 AC/DC/Relay Controller



SUPPLY	INPUTS	OUTPUTS	PORT
120-240 V AC	**14 x 24 V DC**	**10 relays**	**1 x RS-485**

The Siemens 6ES7214-1BD22-0XB0 is a SIMATIC S7-200 CPU 224 with an AC power supply, fourteen 24 V DC digital inputs and ten relay outputs. Its removable terminal blocks and exact order number are documented in the manufacturer's Release 3 system manual.

01 VERIFIED TECHNICAL INFORMATION

Supply voltage	120-240 V AC nominal; 85-264 V AC, 47-63 Hz permissible
Digital inputs	14 integrated, 24 V DC
Digital outputs	10 integrated relay outputs
Terminal blocks	Removable
User program memory	4096 words (EEPROM program capacity)
User data memory	2560 words (EEPROM user-data capacity)
Expansion modules	7 maximum, subject to configuration and power budget

Manufacturer evidence: SIMATIC S7-200 System Manual (Czech original); exact-model manual section.

02 TECHNICAL INFORMATION CONTINUED

Digital process image	128 inputs and 128 outputs
Analog process image	32 inputs and 32 outputs
Timers	256 total
Counters	256 total
Built-in communications	1 RS-485 port
PPI communication rates	9.6, 19.2, 187.5 kbaud
Boolean instruction execution	0.37 microseconds per instruction
Power dissipation	10 W

03 SOURCE AND CONFIGURATION CHECKS

The CPU provides one RS-485 port and supports up to seven expansion modules, subject to the system power budget. The original manufacturer reference is in Czech; the English Amikon summary does not replace its wiring diagrams, safety instructions or project-specific installation checks.

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