

Technical specifications (continued)

	6ES7 212-1BD30-0XB0	6ES7 212-1AD30-0XB0	6ES7 212-1HD30-0XB0
Product-type designation	CPU 1212C AC/DC/Relay	CPU 1212C DC/DC/DC	CPU 1212C AC/DC/Relay
Dimensions and weight			
Dimensions			
• Width	90 mm	90 mm	90 mm
• Height	100 mm	100 mm	100 mm
• Depth	75 mm	75 mm	75 mm
Weight			
• Weight, approx.	425 g	370 g	385 g

Ordering data

Order No.	Order No.	Order No.
CPU 1212C Compact CPU, AC/DC/relay; integral program/data memory 25 kbyte, load memory 1 Mbyte; wide-range power supply 85 ... 264 V AC; Boolean execution times 0.1 µs per operation; 8 digital inputs, 6 digital outputs (relays), 2 analog inputs; expandable by up to 3 communication modules, 2 signal modules and 1 signal board; digital inputs can be used as HSC at 100 kHz	C 6ES7 212-1BD30-0XB0	Accessories
CPU 1212C Compact CPU, DC/DC/DC; integrated program/data memory 25 kbyte, load memory 1 Mbyte; power supply 24 V DC; Boolean execution times 0.1 µs per operation; 8 digital inputs, 6 digital outputs, 2 analog inputs; expandable by up to 3 communication modules, 2 signal modules, and 1 signal board; digital inputs can be used as HSC at 100 kHz, 24 V DC digital outputs can be used as pulse outputs (PTO) or pulse-width modulated outputs (PWM) at 100 kHz	C 6ES7 212-1AD30-0XB0	SB 1221 signal board 4 inputs, 5 V DC, 200 kHz C 6ES7 221-3AD30-0XB0 4 inputs, 24 V DC, 200 kHz C 6ES7 221-3BD30-0XB0
CPU 1212C Compact CPU, DC/DC/relay; integrated program/data memory 25 kbyte, load memory 1 Mbyte; power supply 24 V DC; Boolean execution times 0.1 µs per operation; 8 digital inputs, 6 digital outputs (relays), 2 analog inputs; expandable by up to 3 communication modules, 2 signal modules, and 1 signal board; digital inputs can be used as HSC at 100 kHz	C 6ES7 212-1HD30-0XB0	SB 1222 signal board 4 outputs, 5 V DC, 0.1 A, C 6ES7 222-1AD30-0XB0 200 kHz 4 outputs, 24 V DC, 0.1 A, C 6ES7 222-1BD30-0XB0 200 kHz
		SB 1223 signal board 2 inputs, 24 V DC, IEC type 1 C 6ES7 223-0BD30-0XB0 active high; 2 24 V DC transistor outputs, 0.5 A, 5 W; can be used as HSC at up to 30 kHz
		2 inputs, 5 V DC, 200 kHz C 6ES7 223-3AD30-0XB0 2 outputs 5 V DC, 0.1 A, 200 kHz
		2 inputs, 24 V DC, 200 kHz C 6ES7 223-3BD30-0XB0 2 outputs 24 V DC, 0.1 A, 200 kHz
		SB 1232 signal board C 6ES7 232-4HA30-0XB0 1 analog output, ±10 V with 12 bits or 0 to 20 mA with 11 bits
		Simulator (optional) see CPU 1211C, page 4/13
		SIMATIC Memory Card (optional)
		2 MB C 6ES7 954-8LB00-0AA0
		24 MB 6ES7 954-8LF00-0AA0
		Extension cable for two-tier configuration C 6ES7 290-6AA30-0XA0 for connecting digital/analog signal modules; length 2 m
		Starter box CPU 1212C AC/DC/relay B 6ES7 212-1BD30-4YB0 Complete offer SIMATIC S7-1200, starter box, comprising: CPU 1212C AC/DC/relay, simula- tor, STEP 7 BASIC CD, manual CD, info material, in Systainer
		Terminal block (spare part) see CPU 1211C, page 4/13

B: Subject to export regulations: AL: N and ECCN: EAR99T

C: Subject to export regulations: AL: N and ECCN: EAR99H