



Siemens S7-1200 G2 Training Kit

The Siemens SIMATIC S7-1200 G2 training set is a complete set of PLC controllers and software designed for practical PLC programming education at universities of technology. It uses STEP 7 Professional and WinCC Advanced/Unified software, enabling laboratory classes based on technologies used in industrial automation. The training set is intended for exercises covering PLC systems, automation programming, and process visualization. Combined with TIA Portal, it allows students to work through the...

Parameter	Variant 1 DC/DC/DC 6ES7214-1AG50-4AB1	Variant 2 AC/DC/RELAY 6ES7214-1BG50-4AB1	Variant 3 DC/DC/RELAY 6ES7214-1HG50-4AB1
SIMATIC S7-1200 G2 - CPU 1214C			
Central processing unit	6 × SIMATIC S7-1200 G2 CPU 1214C DC/DC/DC	6 × SIMATIC S7-1200 G2 CPU 1214C AC/DC/RELAY	6 × SIMATIC S7-1200 G2 CPU 1214C DC/DC/RELAY
Article number	6ES7214-1AH50-0XB0	6ES7214-1BH50-0XB0	6ES7214-1HH50-0XB0
Power supply	20.4-28.8 V DC	85-264 V AC, 47-63 Hz	20.4-28.8 V DC
Digital inputs	14 × DI 24 V DC	14 × DI 24 V DC	14 × DI 24 V DC
Digital outputs	10 × DO 24 V DC	10 × relay DO, 2 A	10 × relay DO, 2 A
Program memory	250 KB	250 KB	250 KB
Data memory	750 KB	750 KB	750 KB
Retentive memory	20 KB	20 KB	20 KB
Other components included in the set			

Parameter	Variant 1 DC/DC/DC 6ES7214-1AG50-4AB1	Variant 2 AC/DC/RELAY 6ES7214-1BG50-4AB1	Variant 3 DC/DC/RELAY 6ES7214-1HG50-4AB1
Analog module	6 × SIMATIC S7-1200 G2 SM 1233 analog IO, 4 AI / 4 AO 4 × AI, 14-bit ADC: ±10 V, ±5 V, ±2.5 V, 0-20 mA, 4-20 mA 4 × AQ, 14-bit DAC: ±10 V, 0-20 mA, 4-20 mA		
Software	6 × STEP 7 Professional and WinCC Advanced/Unified Engineering and Runtime Software for Training		
Ethernet cable	6 × SIMATIC NET Industrial Ethernet TP XP Cord RJ45/RJ45 CAT 6A, 6 m		

The sets do not include a power supply!