

# Safety integrated automation

## CPUs for factory automation

Fail-safe S7-300 technology CPU  
CPU 317TF-3 PN/CP

### Selection and ordering data

	Article No.		Article No.
<b>CPU 317TF-3 PN/DP</b> 1.5 MB main memory, 24 V DC power supply, MPI, PROFIBUS DP master/slave interface, PROFIBUS DP(DRIVE) interface, Ethernet/PROFINET interface with 2-port switch; with technology/motion control functions; MMC required	<b>6ES7317-7UL10-0AB0</b>	<b>SIMATIC Manual Collection update service for 1 year</b> Current "Manual Collection" DVD and the three subsequent updates	<b>6ES7998-8XC01-8YE2</b>
<b>S7-Technology V4.2</b> V4.2 SP3 and higher can be used for CPU 317T-3 PN/DP <b>Task:</b> Option package for configuring and programming technology tasks with the SIMATIC S7 CPU 31xT and SIMATIC S7 CPU 317TF <b>Requirement:</b> STEP 7 V5.5 SP5 and higher <b>Delivery form:</b> incl. up-to-date Service Pack; on DVD; incl. documentation for CPU 31xT-2 DP, CPU 317TF-2 DP (also on DVD)		<b>Power supply connector</b> 10 units, spare part	<b>6ES7391-1AA00-0AA0</b>
<ul style="list-style-type: none"> <li>• Full version on DVD</li> <li>• Upgrade-Version from V4.1 (on DVD)</li> <li>• Trial version (on DVD)</li> <li>• License key (Download)</li> </ul>	<b>6ES7864-1CC42-0YA5</b> <b>6ES7864-1CC42-0YE5</b> <b>6ES7864-1CC42-0YA7</b> <b>6ES7864-1CC42-0YG7</b>	<b>Labeling strips</b> 10 units, spare part	<b>6ES7392-2XX00-0AA0</b>
<b>SIMATIC Micro Memory Card</b> 8 MB	<b>6ES7953-8LP20-0AA0</b>	<b>Label cover</b> 10 units, spare part	<b>6ES7392-2XY00-0AA0</b>
<b>MPI cable</b> for connection of SIMATIC S7 and PG via MPI; 5 m in length	<b>6ES7901-0BF00-0AA0</b>	<b>Labeling sheets for machine inscription</b> • for 16-channel signalling modules, DIN A4, for printing with laser printer; 10 units - petrol - light-beige - yellow - red • for 32-channel signalling modules, DIN A4, for printing with laser printer; 10 units - petrol - light-beige - yellow - red	<b>6ES7392-2AX00-0AA0</b> <b>6ES7392-2BX00-0AA0</b> <b>6ES7392-2CX00-0AA0</b> <b>6ES7392-2DX00-0AA0</b> <b>6ES7392-2AX10-0AA0</b> <b>6ES7392-2BX10-0AA0</b> <b>6ES7392-2CX10-0AA0</b> <b>6ES7392-2DX10-0AA0</b>
<b>Front connectors</b> 40-pin, with screw contacts • 1 unit • 100 units 40-pin, with spring-loaded contacts • 1 unit • 100 units	<b>6ES7392-1AM00-0AA0</b> <b>6ES7392-1AM00-1AB0</b> <b>6ES7392-1BM01-0AA0</b> <b>6ES7392-1BM01-1AB0</b>	<b>PC adapter USB</b> for connecting a PC to SIMATIC S7-200/300/400 via USB; with USB cable (5 m)	<b>6ES7972-0CB20-0XA0</b>
<b>Slot number plates</b>	<b>6ES7912-0AA00-0AA0</b>	<b>PROFIBUS bus components</b>	
<b>S7-300 manual</b> Design, CPU data, module data, instruction list German English	<b>6ES7398-8FA10-8AA0</b> <b>6ES7398-8FA10-8BA0</b>	<b>PROFIBUS DP bus connector RS 485</b> • with 90° cable outlet, max. transfer rate 12 Mbit/s - without PG interface - with PG interface • with 90° cable outlet for FastConnect connection system, max. transfer rate 12 Mbit/s - without PG interface, 1 unit - without PG interface, 100 units - with PG interface, 1 unit - with PG interface, 100 units • with axial cable outlet for SIMATIC OP, for connecting to PPI, MPI, PROFIBUS	<b>6ES7972-0BA12-0XA0</b> <b>6ES7972-0BB12-0XA0</b> <b>6ES7972-0BA52-0XA0</b> <b>6ES7972-0BA52-0XB0</b> <b>6ES7972-0BB52-0XA0</b> <b>6ES7972-0BB52-0XB0</b> <b>6GK1500-0EA02</b>
<b>SIMATIC Manual Collection</b> Electronic manuals on DVD, multilingual: LOGO!, SIMADYN, SIMATIC bus components, SIMATIC C7, SIMATIC distributed I/O, SIMATIC HMI, SIMATIC Sensors, SIMATIC NET, SIMATIC PC Based Automation, SIMATIC PCS 7, SIMATIC PG/PC, SIMATIC S7, SIMATIC Software, SIMATIC TDC	<b>6ES7998-8XC01-8YE0</b>	<b>PROFIBUS Fast Connect bus cable</b> Standard type with special design for quick mounting, 2-core, shielded, sold by the meter, max. delivery unit 1000 m, minimum ordering quantity 20 m	<b>6XV1830-0EH10</b>
		<b>RS 485 repeater for PROFIBUS</b> Transmission rate up to 12 Mbit/s; 24 V DC; IP20 enclosure	<b>6ES7972-0AA02-0XA0</b>