

Overview



ISO	TCP/UDP	PN	MRP	IT	IP-R	PG/OP	S7/S5
	●	●	●			●	●

- Interface for the SIMATIC S7-300 to Industrial Ethernet (not for SINUMERIK)
 - 2 x RJ45 interface for 10/100 Mbit/s full/half duplex connection (with autosensing for automatic switchover and autocrossover function)
 - Integral 2-port real-time switch ERTEC
 - Multiprotocol operation with TCP and UDP transport protocol and PROFINET I/O
 - Keep Alive function
- Communication services:
 - Open communication (TCP/IP and UDP)
 - PG/OP communication
 - S7 communication (server)
 - PROFINET I/O device
- Media redundancy (MRP);
The CP supports the media redundancy procedure MRP (V2.2 upwards) with an Ethernet network with ring topology
- Multicast for UDP
- Remote programming and initial start-up is possible exclusively over Industrial Ethernet
- Web diagnostics
- Integration into network management through SNMP
- Configuration with STEP 7
- Cross-network programming device/operator panel communication through S7 routing
- Diagnostic possibilities in STEP 7 and with web browser

PROFINET/Industrial Ethernet

System interfacing for SIMATIC S7

CP 343-1 Lean

Ordering data	Order No.	Order No.
<p>CP 343-1 Lean communications processor</p> <p>For connecting SIMATIC S7-300 to Industrial Ethernet through TCP/IP and UDP, Multicast, S7 communication, open communication (SEND/RECEIVE), FETCH/WRITE, PROFINET IO device, MRP, integral 2-port switch ERTEC, comprehensive diagnostics facilities, module replacement without PG, SNMP, initial commissioning over LAN; with electronic manual on CD-ROM</p>	6GK7 343-1CX10-0XE0	<p>SOFTNET-S7 Edition 2008 for Industrial Ethernet</p> <p>up to 64 connections</p> <ul style="list-style-type: none"> • Single license for 1 installation Z 6GK1 704-1CW71-3AA0 • Software Update Service for 1 year, with automatic extension; requirement: Current software version 6GK1 704-1CW00-3AL0 • Upgrade from Edition 2006 to Edition 2008 Z 6GK1 704-1CW00-3AE0 • Upgrade from V6.0, V6.1, V6.2 or V6.3 to Edition 2008 Z 6GK1 704-1CW00-3AE1
<p>IE FC TP Standard Cable GP 2x2</p> <p>4-core, shielded TP installation cable for connection to IE FC Outlet RJ45/ IE FC RJ45 Plug; PROFINET-compatible; with UL approval; sold by the meter</p>	6XV1 840-2AH10	<p>SOFTNET-S7 Lean Edition 2008 for Industrial Ethernet</p> <p>up to 8 connections</p> <ul style="list-style-type: none"> • Single License for 1 installation Z 6GK1 704-1LW71-3AA0 • Software Update Service for 1 year, with automatic extension; requirement: Current software version 6GK1 704-1LW00-3AL0 • Upgrade from Edition 2006 to Edition 2008 Z 6GK1 704-1LW00-3AE0 • Upgrade from V6.0, V6.1, V6.2 or V6.3 to Edition 2008 Z 6GK1 704-1LW00-3AE1
<p>FO Standard Cable GP (50/125)</p> <p>Standard cable, splittable, UL approval, sold by the meter</p>	6XV1 873-2A	
<p>SCALANCE X204-2 Industrial Ethernet Switch</p> <p>Industrial Ethernet switches with integral SNMP access, online diagnostics, copper cable diagnostics and PROFINET diagnostics for configuring line, star and ring topologies; four 10/100 Mbit/s RJ45 ports and two FO ports</p>	6GK5 204-2BB10-2AA3	<p>S7-1613 Edition 2008</p> <p>Software for S7 and open communication, incl. PG/OP communication, OPC server and NCM PC; up to 120 connections, runtime software, software and electronic manual on CD-ROM, license key on USB stick, Class A, for 32-bit Windows XP Professional SP 2, 3; Windows 2003 Server R2, SP2; Windows Vista Business/Ultimate SP1; Windows 2008 Server; for CP 1613/CP 1613 A2/CP 1623; German/English</p> <ul style="list-style-type: none"> • Single License for 1 installation Z 6GK1 716-1CB71-3AA0 • Software Update Service for 1 year, with automatic extension; requirement: Current software version 6GK1 716-1CB00-3AL0 • Upgrade S7-1613 from Edition 2006 to Edition 2008 Z 6GK1 716-1CB00-3AE0 • Upgrade S7-1613 from V6.0, V6.1, V6.2 or V6.3 to S7-1613 Edition 2008 Z 6GK1 716-1CB00-3AE1
<p>Compact Switch Module CSM 377</p> <p>Unmanaged switch for connection of a SIMATIC S7-300-CPU, ET 200M and as many as three further nodes to Industrial Ethernet operating at 10/100 Mbit/s; 4 x RJ45 ports; external 24 V DC power supply, LED diagnostics, S7-300 module including electronic equipment manual on CD-ROM</p>	6GK7 377-1AA00-0AA0	
<p>IE FC RJ45 Plug 180</p> <p>RJ45 plug connector for Industrial Ethernet with a rugged metal enclosure and integrated insulation displacement contacts for connecting Industrial Ethernet FC installation cables with 180° cable outlet;</p> <ul style="list-style-type: none"> • 1 pack = 1 item • 1 pack = 10 items • 1 pack = 50 items 	<p>6GK1 901-1BB10-2AA0</p> <p>6GK1 901-1BB10-2AB0</p> <p>6GK1 901-1BB10-2AE0</p>	<p>STEP 7 Version 5.4</p> <p><i>Target system:</i> SIMATIC S7-300/-400, SIMATIC C7, SIMATIC WinAC</p> <p><i>Requirement:</i> Windows 2000 Prof./XP Prof.</p> <p><i>Delivery package:</i> German, English, French, Spanish, Italian; incl. 3.5" authorization diskette, without documentation</p> <ul style="list-style-type: none"> • Floating License on CD 6ES7 810-4CC08-0YA5 • Rental license for 50 hours 6ES7 810-4CC08-0YA6 • Software Update Service on CD (requires current software version) 6ES7 810-4BC01-0YX2 • Upgrade Floating License 3.x/4.x/5.x to V5.4; on CD 6ES7 810-4CC08-0YE5 • Trial License STEP 7 V5.4; on CD, runs for 14 days 6ES7 810-4CC08-0YA7
<p>SOFTNET Edition 2008 for Industrial Ethernet</p> <p>Software for S7 and open communication, incl. OPC server, PG/OP communication and NCM PC, runtime software, software and electronic manual on CD-ROM, license key on USB stick, Class A, for 32-bit Windows XP Professional SP 2, 3; Windows 2003 Server R2, SP2; Windows Vista Business/Ultimate SP1; Windows 2008 Server; German/English</p>		

Z) Subject to export regulations: AL: N and ECCN: 5D992