

Product	MLFB	FW- Version	Short Description
<b>S7-400</b>			
S7-400			
CP 443-1	6GK7 443-1EX11-0XE0	V2.6	S7 CP for Industrial Ethernet ISO and TCP/IP with SEND/RECEIVE and FETCH/WRITE interface, long data, UDP, TCP, ISO, S7 communication, routing, module replacement without PG, 10/100 Mbps, IP multicast, Access protection with IP-ACL, firmware V2.6
CP 443-1 Advanced	6GK7 443-1EX40-0XE0	V2.4	S7 CP for Industrial Ethernet, PROFINET IO Controller, PROFINET CBA, ISO and TCP/IP with SEND-RECEIVE and FETCH-WRITE interface, long data, UDP, TCP, ISO, S7 communication, routing, module replacement without PG, with Web server and E-mail, 10/100 Mbps, initialization over LAN, IP multicast, time-of-day sync. using SIMATIC mode or NTP, access protection with IP access list, FTP, SNMP, DHCP, HTML diagnostics, data storage on C-PLUG, IP configuration using DHCP/ FB, 4-port switch, firmware V2.4
CP 443-1 Advanced	6GK7 443-1EX41-0XE0	V1.0	S7 CP for Industrial Ethernet, PROFINET IO Controller, PROFINET CBA, ISO and TCP/IP with SEND-RECEIVE and FETCH-WRITE interface, long data, UDP, TCP, ISO, S7 communication, routing, module replacement without PG, with Web server and E-mail, 10/100 Mbps, initialization over LAN, IP multicast, time-of-day sync. using SIMATIC mode or NTP, access protection with IP access list, FTP, SNMP, DHCP, HTML diagnostics, data storage on C-PLUG, IP configuration using DHCP/ FB, 4-port switch, firmware V1.0
CPU 414-3 PN/DP	6ES7 414-3EM05-0AB0	V5.0	work memory 1.4 MB code and 1.4 MB data; 0.06 ms/1000 instructions; 8 KB DI/O; 32 connections; 1*DP/MPI, 1*PN and 1 slot for IF modules; send and receive capability for direct data exchange; constant bus cycle time and isochronous real-time processing; routing; with multicompacting capability; PROFINET IO controller; supports RT; PROFINET interface and 2 ports; PROFINET CBA; PROFINET CBA Proxy; Firmware V5.0
CPU 416-3 PN/DP	6ES7 416-3ER05-0AB0	V5.0	work memory 5.6 MB code and 5.6 MB data; 0.04 ms/1000 instructions; 16 KB DI/O; 64 connections; 1*DP/MPI, 1*PN and 1 slot for IF modules; send and receive capability for direct data exchange; constant bus cycle time; routing; with multicompacting capability; PROFINET IO controller; supports RT; PROFINET interface and 2 ports; PROFINET CBA; PROFINET CBA Proxy; Firmware V5.0.
CPU 416F-3 PN/DP	6ES7 416-3FR05-0AB0	V5.0	work memory 5.6 MB code and 5.6 MB data; 0.04 ms/100 instructions; 16 KB DI/O; 64 connections; 1*DP/MPI, 1*PN and 1 slot for IF modules; send and receive capability for direct data exchange; constant bus cycle time and isochronous real-time processing; routing; with multicompacting capability; PROFINET IO controller; supports RT; PROFINET interface and 2 ports; PROFINET CBA; PROFINET CBA Proxy; Firmware V5.0. Can be used for security applications.

Product	MLFB	FW- Version	Short Description
<b>S7-300</b>			
C7 613	6ES7 613-1CA02-0AE3	V2.0	Complete device; display and operator unit 4 rows, 21 buttons + CPU 313C with 64KB work memory; 0.1ms/1000 instructions; DI24/DO16; AI5/AO2 integrated; 3 pulse outputs (2.5kHz); 3 channel counting and measuring with incremental encoders 24V (30kHz); MPI connector; single-tier configuration up to 4 modules; firmware V2.0
C7 635 Touch	6ES7 635-2EB02-0AE3	V2.0	Control system; TP 170 B + CPU with 96KB work memory; 0.1ms/1000 instructions; DI24/DO16; AI5/AO2 integrated; 4 pulse outputs (2.5kHz); 4 channels counting and measuring incremental encoders 24V (60kHz); integrated positioning function; MPI+ DP connector (DP master or DP slave); send and receive capability for direct data exchange; constant bus cycle time; routing; S7 Communication (loadable FBs/FCs); firmware V2.0
C7 635 Key	6ES7 635-2EC02-0AE3	V2.0	Complete device; OP 170 B + CPU with 96KB work memory; 0.1ms/1000 instructions; DI24/DO16; AI5/AO2 integrated; 4 pulse outputs (2.5kHz); 4 channel counting and measurement with incremental encoders 24V (60kHz); integrated positioning function; MPI+ DP connector (DP master or DP slave); send and receive capability for direct data exchange; constant bus cycle time; routing; S7 Communication (loadable FBs/FCs); firmware V2.0
CPU 312	6ES7 312-1AE13-0AB0	V2.0	Work memory 32 KB; 0.2 ms/1000 instructions; MPI connection; single-tier configuration up to 8 modules; S7 communication (loadable FBs/FCs); Firmware V2.0
CPU 312C	6ES7 312-5BE03-0AB0	V2.0	Work memory 32KB; 0.2ms/1000 instructions; DI10/DO6 integrated; 2 pulse outputs (2.5kHz); 2 channel counting and measuring with incremental encoders 24V (10kHz); MPI connector; single-tier configuration up to 8 modules; Firmware V2.0
CPU 314C-2 DP	6ES7 314-6CG03-0AB0	V2.0	Work memory 96KB; 0.1ms/1000 instructions; DI24/DO16; AI5/AO2 integrated; 4 pulse outputs (2.5kHz); 4 channel counting and measuring with incremental encoders 24V (60kHz); integrated positioning function; MPI+ DP connector (DP master or DP slave); multi-tier configuration up to 31 modules; end and receive capability for direct data exchange; constant bus cycle time; routing; S7 Communication (loadable FBs/FCs); firmware V2.0
CPU 314C-2 PtP	6ES7 314-6BG03-0AB0	V2.0	Work memory 96KB; 0.1ms/1000 instructions; DI24/DO16; AI5/AO2 integrated; 4 pulse outputs (2.5kHz); 4 channel counting and measuring with incremental encoders 24V (60kHz); integrated positioning function; MPI+ PtP connector (RS422/485 (ASCII, 3964(R), RK512)); multi-tier configuration up to 31 modules; firmware V2.0
CPU 313C	6ES7 313-5BF03-0AB0	V2.0	Work memory 64KB; 0.1ms/1000 instructions; DI24/DO16; AI5/AO2 integrated; 3 pulse outputs (2.5kHz); 3 channel counting and measuring with incremental encoders 24V (30kHz); MPI connector; multi-tier configuration up to 31 modules; Firmware V2.0
CPU 313C-2 DP	6ES7 313-6CF03-0AB0	V2.0	Work memory 64KB; 0.1ms/1000 instructions; DI16/DO16 integrated; 3 pulse outputs (2.5kHz); 3 channel counting and measuring with incremental encoders 24V (30kHz); MPI+ DP connector (DP-Master oder DP-Slave); multi-tier configuration up to 31 modules; Send and receive capability for direct data exchange; constant bus cycle time; routing; S7 Communication (loadable FBs/FCs); Firmware V2.0
CPU 313C-2 PtP	6ES7 313-6BF03-0AB0	V2.0	Work memory 64KB; 0.1ms/1000 instructions; DI16/DO16 integrated; 3 pulse outputs (2.5kHz); 3 channel counting and measuring with incremental encoders 24V (30kHz); MPI+ PtP connector (RS422/485 (ASCII, 3964(R))); multi-tier configuration up to 31 modules; firmware V2.0
CPU 314	6ES7 314-1AG13-0AB0	V2.0	Work memory 96 KB; 0.1ms/1000 instructions; MPI connection; multi-tier configuration up to 32 modules; S7 Communication (loadable FBs/FCs); firmware V2.0
CPU 315-2 PN/DP	6ES7 315-2EH13-0AB0	V2.3	256 KB work memory; 0.1 ms/1000 instructions; PROFINET connection; S7 Communication (loadable FBs/FCs); PROFINET IO-Contoler; PROFINET CBA; PROFINET CBA-Proxy; transport protocol; combined MPI/DP connection (MPI or DP master or DP slave); multi-tier configuration up to 32 modules; constant DP bus cycle time; routing; firmware V2.3

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CPU 315F-2 PN/DP	6ES7 315-2FH13-0AB0	V2.3	Work memory 256KB; 0.1ms/1000 instructions; PROFINET connection; S7 Communication (loadable FBs/FCs); PROFINET IO-Controller; PROFINET CBA; PROFINET CBA-Proxy; Transport protocol TCP/IP; combined MPI/DP connection (MPI or DP master or DP slave); multi-tier installation up to 32 modules; equidistant DP bus cycle; Routing; firmware V2.3, can be used for safety applications
CPU 317-2 PN/DP	6ES7 317-2EK13-0AB0	V2.3	1024 KB work memory; 0.05ms/1000 instructions; PROFINET connection; S7 Communication (loadable FBs/FCs); PROFINET IO-Controller; PROFINET CBA; PROFINET CBA-Proxy; TCP/IP transport protocol; combined MPI/DP connection (MPI or DP master or DP slave); multi-tier configuration up to 32 modules; constant DP bus cycle time; routing; firmware V2.3
CPU317F-2	6ES7 317-6FF03-0AB0	V2.1	1024 KB work memory; 0.05ms/1000 instructions; MPI+ DP connection (DP master or DP slave); multi-tier configuration up to 32 modules; send and receive capability for direct data exchange; constant bus cycle time, routing, S7 Communication (loadable FBs/FCs); firmware V2.1, can be used for safety applications
CPU 317F-2 PN/DP	6ES7 317-2FK13-0AB0	V2.3	Work memory 1024KB; 0.05ms/1000 instructions; PROFINET connection; S7 Communication (loadable FBs/FCs); PROFINET IO-Controller; PROFINET CBA; PROFINET CBA-Proxy; Transport protocol TCP/IP; combined MPI/DP connection (MPI or DP master or DP slave); multi-tier installation up to 32 modules; equidistant DP bus cycle; Routing; Firmware V2.3, can be used for safety applications
CP 343-1 Lean	6GK7 343-1CX10-0XE0	V1.0	S7 CP for Industrial Ethernet TCP/IP with SEND/RECEIVE and FETCH/WRITE interface, PROFINET IO device, 4-port switch, long data, SNMP, UDP, TCP, S7 communication (server), routing, module replacement without PG, 10/100 Mbps, initialization over LAN, IP multicast, IP configuration using DHCP/ FB, firmware V1.0

**PC Station**

OPC Server		SW V6.4...	OPC Server for the DP, FDL, FMS, S7 (between different subnets), ISO/TCP, SNMP, DP master class 2, PROFINET IO, PROFINET CBA, SIMATIC NET CD 2006 ...
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Product	MLFB	FW- Version	Short Description
<b>PROFIBUS-DP</b>			
FDC157-0	6ES7 157-0AC83-0XA0		DP/PA coupler with diagnostic function. Can be used with active backplane bus for fault tolerant PROFIBUS PA.
ET 200iSP Watchdog	6ES7 138-7BB00-0AB0		Watchdog module, output of an intrinsic power supply
ET 200iSP 4DO DC23,1V/20mA SD 'L'x	6ES7 132-7GD00-0AB0x		Digital output module 4DO DC23,1V/20mA Shut Down 'L', external shut down configurable
ET 200iSP 4DO DC17,4V/27mA SD 'L'x	6ES7 132-7GD10-0AB0x		Digital output module 4DO DC17,4V/27mA Shut Down 'L', external shut down configurable
ET 200iSP 4DO DC17,4V/40mA SD 'L'x	6ES7 132-7GD20-0AB0x		Digital output module 4DO DC17,4V/40mA Shut Down 'L', external shut down configurable
ET 200iSP 4DO DC23,1V/20mA SD 'L'	6ES7 132-7GD00-0AB0		Digital output module 4DO DC23,1V/20mA Shut Down 'L'
ET 200iSP 4DO DC17,4V/27mA SD 'L'	6ES7 132-7GD10-0AB0		Digital output module 4DO DC17,4V/27mA Shut Down 'L'
ET 200iSP 4DO DC17,4V/40mA SD 'L'	6ES7 132-7GD20-0AB0		Digital output module 4DO DC17,4V/40mA Shut Down 'L'
ET 200iSP 4DO DC23,1V/20mA SD 'H'	6ES7 132-7RD01-0AB0		Digital output module 4DO DC23,1V/20mA Shut Down 'H'
ET 200iSP 4DO DC17,4V/27mA SD 'H'	6ES7 132-7RD11-0AB0		Digital output module 4DO DC17,4V/27mA Shut Down 'H'
ET 200iSP 4DO DC17,4V/40mA SD 'H'	6ES7 132-7RD21-0AB0		Digital output module 4DO DC17,4V/40mA Shut Down 'H'
IM151-7 CPU	6ES7 151-7AA13-0AB0	V2.1	Work memory 96KB; 0.3ms/1000 instructions; MPI+ DP connector (stand alone or DP slave); send and receive capability for direct data exchange; firmware V2.1; expansion with a maximum of 63 modules of the ET200S range
SIMOCODE pro C (GSD V1.0)	3UF7 000-1A*00-0		SIRIUS Motormanagement and Control Device SIMOCODE pro C, PROFIBUS-DP, 0,30A...820A
SIMOCODE pro V (GSD V1.1)	3UF7 010-1A*00-0		SIRIUS Motormanagement and Control Device SIMOCODE pro V, PROFIBUS-DP, 0,30A...820A, expandable with expansion modules

<b>PROFINET-IO</b>			
ET 200S IM151-3PN FO	6ES7 151-3BB21-0AB0	V4.0	PROFINET I/O device interface module IM 151-3 PN FO (ERTEC200) for ET 200S electronic module, supports packing; PROFINET interface and 2 ports; Firmware V4.0
PN/PN Coupler	6ES7 158-3AD00-0XA0	V1.0	Coupler of two PROFINET networks, IP20; PROFINET interface and 2 ports
IE/AS-i Link 1M	6GK1 411-2AB10	V1.0	Link between Industrial Ethernet/ AS-Interface, PROFINET IO proxy, AS-i master profile M3, M4, single master, display, Web interface, incl. 2-port switch
IE/AS-i Link 2M	6GK1 411-2AB20	V1.0	Link between Industrial Ethernet/ AS-Interface, PROFINET IO proxy, AS-i master profile M3, M4, double master, display, Web interface, incl. 2-port switch
SCALANCE X200-4P IRT	6GK5 200-4AH00-2BA3	V2.1	4 port switch (4 x POF); PROFINET IO-Device; PROFINET interface and 4 ports; Release V2.1
SCALANCE X201-3P IRT	6GK5 201-3BH00-2BA3	V2.1	4 port switch (1 x RJ45 + 3 x POF); PROFINET IO-Device; PROFINET interface and 4 ports; Release V2.1
SCALANCE X202-2 IRT	6GK5 202-2BB00-2BA3	V2.0	4 port switch (2 x RJ45 + 2 x POF); PROFINET IO-Device; Release V2.0
SCALANCE X202-2P IRT	6GK5 202-2BH00-2BA3	V2.1	4 port switch (2 x RJ45 + 2 x POF); PROFINET IO-Device; PROFINET interface and 4 ports; Release V2.1
SCALANCE X204 IRT	6GK5 204-0BA00-2BA3	V2.0	4 port switch (4 x RJ45); PROFINET IO-Device; Release V2.0

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<b>PROFIBUS-DP/PROFINET-IO Modules</b>			
<b>PROFIBUS-DP/PROFINET-IO Modules</b>			
ET 200pro 16 DO DC24V CPV10	6ES7 148-4EA00-0AA0		Pneumatic module 16 DO DC24V CPV10
ET 200pro 16 DO DC24V CPV14	6ES7 148-4EB00-0AA0		Pneumatic module 16 DO DC24V CPV14
ET 200S DS1e-x 0.3-3A HF	3RK1 301-0AB10-0AA4		Direct starter; switch mechanically; electronic overload protection; unfused; up to 1.1 KW/400 V; 0.30 A up to 3.00 A; Option: brake control module, control module; Switch ES; High Feature
ET 200S DS1e-x 2.4-8A HF	3RK1 301-0BB10-0AA4		Direct starter; switch mechanically; electronic overload protection; unfused; up to 3.0 KW/400 V; 2.40 A up to 8.00 A; Option: brake control module, control module; Switch ES; High Feature
ET 200S DS1e-x 2.4-16A HF	3RK1 301-0CB10-0AA4		Direct starter; switch mechanically; electronic overload protection; unfused; up to 7.5 KW/400 V; 2.40 A up to 16 A; Option: brake control module, control module; Switch ES; High Feature
ET 200S F-DS1e-x 0.3-3A HF	3RK1 301-0AB13-0AA4		safe direct starter; switch mechanically; electronic overload protection; unfused; up to 1.1 KW/400 V; 0.30 A to 3.00 A; Option: Brake Control Module, Control Module; High Feature; for PM-D F PROFIsafe
ET 200S F-DS1e-x 2.4-8A HF	3RK1 301-0BB13-0AA4		safe direct starter; switch mechanically; electronic overload protection; unfused; up to 3.0 KW/400 V; 2.40 A to 8.00 A; Option: Brake Control Module, Control Module; High Feature; for PM-D F PROFIsafe
ET 200S F-DS1e-x 2.4-16A HF	3RK1 301-0CB13-0AA4		safe direct starter; switch mechanically; electronic overload protection; unfused; up to 7.5 KW/400 V; 2.40 A to 16 A; Option: Brake Control Module, Control Module; High Feature; for PM-D F PROFIsafe
ET 200S RS1e-x 0.3-3A HF	3RK1 301-0AB10-1AA4		Reverse starter; switch mechanically; electronic overload protection; unfused; up to 1.1 KW/400 V; 0.30 A up to 3.00 A; Option: brake control module, control module; Switch ES; High Feature
ET 200S RS1e-x 2.4-8A HF	3RK1 301-0BB10-1AA4		Reverse starter; switch mechanically; electronic overload protection; unfused; up to 3.0 KW/400 V; 2.40 A up to 8.00 A; Option: brake control module, control module; Switch ES; High Feature
ET 200S RS1e-x 2.4-16A HF	3RK1 301-0CB10-1AA4		Reverse starter; switch mechanically; electronic overload protection; unfused; up to 7.5 KW/400 V; 2.40 A up to 16 A; Option: brake control module, control module; Switch ES; High Feature
ET 200S F-RS1e-x 0.3-3A HF	3RK1 301-0AB13-1AA4		safe reversing starter; switch mechanically; electronic overload protection; unfused; up to 1.1 KW/400 V; 0.30 A to 3.00 A; Option: Brake Control Module, Control Module; High Feature; for PM-D F PROFIsafe
ET 200S F-RS1e-x 2.4-8A HF	3RK1 301-0BB13-1AA4		safe reversing starter; switch mechanically; electronic overload protection; unfused; up to 3.0 KW/400 V; 2.40 A to 8.00 A; Option: Brake Control Module, Control Module; High Feature; for PM-D F PROFIsafe
ET 200S F-RS1e-x 2.4-16A HF	3RK1 301-0CB13-1AA4		safe reversing starter; switch mechanically; electronic overload protection; unfused; up to 7.5 KW/400 V; 2.40 A to 16 A; Option: Brake Control Module, Control Module; High Feature; for PM-D F PROFIsafe
ET 200S DSS1e-x 0.3-3A HF	3RK1 301-0AB20-0AA4		Direct soft starter; switch electronically; electronic overload protection; unfused; up to 1.1 KW/400 V; 0.30 A up to 3.00 A; Option: brake control module, control module; Switch ES; High Feature
ET 200S DSS1e-x 2.4-8A HF	3RK1 301-0BB20-0AA4		Direct soft starter; switch electronically; electronic overload protection; unfused; up to 3.0 KW/400 V; 2.40 A up to 8.00 A; Option: brake control module, control module; Switch ES; High Feature
ET 200S DSS1e-x 2.4-16A HF	3RK1 301-0CB20-0AA4		Direct soft starter; switch electronically; electronic overload protection; unfused; up to 7.5 KW/400 V; 2.40 A up to 16 A; Option: brake control module, control module; Switch ES; High Feature
ET 200S 1 F-RO 24V..230V/5A	6ES7 138-4FR00-0AA0		Digital output module 1x safety relais; 5V..24V DC, 5A / 24V..230V AC, 5A, fail-safe