Product Name	MLFB	FW Version	Short Description
ET 200M			
IM			
ET200M-IM 153-1	6ES7 153-1AA02-0XB0		IM 153-1, Bus interface module for S7-300 SMs, FM 350 to FM 352, FM355, CP 341, module replacement during operation
ET200M-IM 153-1, extended environmental conditions	6ES7 153-1AA82-0XB0		IM 153-1, Bus interface module for S7-300 SMs, extended environmental conditions
ET200M-IM 153-1	6ES7 153-1AA03-0XB0		IM 153-1, Bus interface module for S7-300 SMs, FM 350 to FM 352, FM355, CP 341, module replacement during operation
ET200M-IM 153-1, extended environmental conditions	6ES7 153-1AA83-0XB0		IM 153-1, Bus interface module for S7-300 SMs, extended environmental conditions
ET200M-IM 153-2	6ES7 153-2AA01-0XB0		IM 153-2, Bus interface module for S7-300 SMs, FMs (except FM356-4), module replacement during operation
ET200M-IM 153-2	6ES7 153-2AA02-0XB0		IM 153-2, Bus interface module for S7-300 SMs, FMs (except FM356-4), module replacement during operation
ET200M-IM 153-2	6ES7 153-2BA00-0XB0	V3.x *)	IM 153-2, Bus interface module for S7-300 SMs, FMs (except FM356-4), module replacement during operation, extension of the process control functions.
ET200M-IM 153-2 FO	6ES7 153-2AB01-0XB0		IM 153-2 with FO physics, Bus interface module for S7-300 SMs and FMs (without FM356-4), module replacement during operation, extension of the process control functions.
ET200M-IM 153-2 FO	6ES7 153-2BB00-0XB0	V3.x *)	IM 153-2, Bus interface module for S7-300 SMs, FMs (except FM356-4), module replacement during operation, extension of the process control functions.
Accessories			
Partition	6ES7 195-1KA00-0XA0		Ex-Partition for ET 200M
Bus Module	6ES7 195-7HA00-0XA0		active bus module for ET200M IM153; PS/IM
Bus Module	6ES7 195-7HC00-0XA0		active bus module for ET200M IM153; 1x80mm
BM IM/IM	6ES7 195-7HD00-0XA0		Active bus module ET200M IM 153; IM/IM for redundant IM operation
BM IM/IM	6ES7 195-7HD10-0XA0	*)	Active bus module ET200M IM 153; IM/IM for redundant IM operation
F Partition bus module	6ES7 195-7HG00-0XA0		F Partition bus module for ET200M
F Partition bus module	6ES7 195-7KF00-0XA0		F Partition bus module for ET200M

Refer to the manual "SIMATIC Distributed I/O Device ET 200M"
for the Permitted combinations between interfaces and bus modules and for available functions.

*) = Supports new PCS 7 V6.0 functionality

Product Name	MLFB	FW Version	Short Description
Gateway			
PA Couplers			
DP/PA Coupler	6ES7 157-0AC00-0XA0		DP/PA coupler
DP/PA Coupler	6ES7 157-0AC80-0XA0		DP/PA coupler not Ex, outdoor, 400mA
DP/PA Coupler	6ES7 157-0AD00-0XA0		DP/PA coupler, Ex(i)
DP/PA Coupler	6ES7 157-0AD80-0XA0		DP/PA coupler, Ex(ib), extended environmental conditions
DP/PA Coupler Ex	6ES7 157-0AD81-0XA0		DP/PA coupler, extended environmental conditions (ia), FM Approval
BM DP/PA Coupler	6ES7 195-7HF80-0XA0		Bus module for the DP/PA coupler (double width)
DP Link			
IM157	6ES7 157-0AA80-0XA0		IM157, Interface module for PROFIBUS-PA; extended temperature range -25..60 degrees C
IM157	6ES7 157-0AA81-0XA0		IM157-2, Interface module for PROFIBUS PA, extended temperature range -25..60 degrees C
IM157	6ES7 157-0AA82-0XA0	V4.x *)	DP/PA link, DPV1 to DP and PA, module replacement during operation, information function, FW update via bus, extension of the process control functions.
Bus module	6ES7 195-7HE80-0XA0		Bus module for IM157
BM IM/IM	6ES7 195-7HD10-0XA0	*)	Bus module IM157; IM / IM for redundant IM operation;
BM IM/IM	6ES7 195-7HD80-0XA0	*)	Bus module IM157; IM / IM for redundant IM operation; extended temperature range
Y Coupler			
Y Coupler	6ES7 654-0YK00-0AB0		Y coupler; Y switch for connecting single-channel I/O to the H system, simple switch
Bus Module	6ES7 654-7HY00-0XA0		Bus module for Y switch
RS485 Repeater	6ES7 972-0AA01-0XA0		RS485 REPEATER FOR THE CONNECTION OF PROFIBUS/MPI BUS SYSTEMS WITH A MAX. OF 31 NODES. MAX. BAUD RATE 12 MBIT/S PROTECTION TYPE IP20
Y Coupler	6ES7 197-1LB00-0XA0	*)	Y coupler; Y switch for connecting a single-channel I/O to the H system, simple interface with integr.

Refer to the manual SIMATIC Bus Coupling DP/PA Link and Y link for the permissible combinations between interfaces, couplers and bus modules, as well as for available functions.

*) = Supports new PCS 7 V6.0 functionality

Product Name	MLFB	FW Version	Short Description
ET 200iS			
AI			
2 AI 2 WIRE	6ES7 134-5RB00-0AB0		Analog input module AI 2xI, 2wire-MU (0..20mA / 12 bits+sign, 4..20mA/ 12 bit)
2 AI 4 WIRE	6ES7 134-5RB50-0AB0		Analog input module AI 2xI, 4wire-MU (0..20mA / 12 bits, 4..20mA/ 12bit)
2 AI Tc	6ES7 134-5SB00-0AB0		Analog input module AI 2xTC / 15 bits+sign, Standard, Thermo couples: E, N, J, K, L, S, R, B, T,U
2 AI RTD	6ES7 134-5SB50-0AB0		Analog input module AI 2xRTD / 15 bits+sign, Standard, R: 600 ohms; RTD: Pt100, Ni100
2 AI 2 WIRE HART	6ES7 134-5TB00-0AB0		Analog input module AI2x4..20mA, with HART communication for the connection of 2wire MU
2 AI 2 WIRE HART	6ES7 134-5TB50-0AB0		Analog input module AI2x4..20mA, with HART communication for the connection of 4wire MU
AO			
2 AO 0/4-20mA	6ES7 135-5RB00-0AB0		Analog output module AO 2xI (0..20mA / 12 bits+sign, 4..20mA/ 12 bits)
2 AO HART	6ES7 135-5TB00-0AB0		Analog output module AO2x4..20mA, with HART communication
DI			
4 DI NAMUR	6ES7 131-5RD00-0AB0		Digital input module DI 4 x NAMUR
DO			
2 DO	6ES7 132-5SB00-0AB0		Digital output module DO 2xDC25V/25mA
IM			
ET200iS-IM151-2	6ES7 151-2AA00-0AB0		Interface module for ET 200iS electronic modules for intrinsically safe PROFIBUS-DP
PS			
PS	6ES7 138-5EA00-0AA0		Power supply for ET 200iS
TM			
TM-E30S-44iS	6ES7 193-5CB00-0AA0		Terminal module for EMs, 4 rows, screw terminal
TM-E30C-44iS	6ES7 193-5CB10-0AA0		Terminal module for EMs, 4 row spring clip
TM-PS-iS	6ES7 193-5DA00-0AA0		Terminal module for PS
TM-IM-iS	6ES7 193-5DB00-0AA0		Terminal module for IM 151-2

*) = Supports new PCS 7 V6.0 functionality

Product Name	MLFB	FW Version	Short Description
ET 200S			
AI			
2 AI U	6ES7 134-4FB00-0AB0		Analog input module AI 2xU (+/-5V, 1..5V, +/-10V) / 13 bits, standard
2 AI I 2DMU	6ES7 134-4GB00-0AB0		Analog input module AI 2xI, 2-wire MU (4..20mA) / 13 bits, standard
2 AI I 4DMU	6ES7 134-4GB10-0AB0		Analog input module AI 2xI, 4-wire MU (+/-20mA, 4..20mA) / 13 bits, standard
2 AI I TC	6ES7 134-4JB00-0AB0		Analog input module AI 2xTC / 15 bits, standard
2 AI I RTD	6ES7 134-4JB50-0AB0		Analog input module AI 2xRTD / 15 bits, standard
2 AI U	6ES7 134-4LB00-0AB0		Analog input module AI 2xU (1..5 V, +/- 5V, +/- 10V) / 15 bits, high resoulution
2 AI I	6ES7 134-4MB00-0AB0		Analog input module AI 2xI (+/-20mA, 4..20mA) / 15 bits, high resoulution
2 AI I TC High Feature	6ES7 134-4NB00-0AB0		2 AI I TC High Feature; analog input module AI 2xTC / 15 bits, High Feature
2 AI I RTD High Feature	6ES7 134-4NB50-0AB0		2 AI I RTD High Feature; analog input module AI 2xRTD / 15 bits, High Feature
AO			
2 AO U	6ES7 135-4FB00-0AB0		Analog output module AO 2xU (1..5V / 12 Bit, +/-10V / 13 bits), standard
2 AO I	6ES7 135-4GB00-0AB0		Analog output module AO 2xI (+/-20mA, 4..20mA) / 13 bits, standard
2 AO U	6ES7 135-4LB00-0AB0		Analog output module AO 2xU (1..5V, +/-10V) / 15 bits, high resolution
2 AO U	6ES7 135-4LB01-0AB0		Analog output module AO 2xU (1..5V, +/-10V) / 15 bits, high resolution, supports clocking.
2 AO I	6ES7 135-4MB00-0AB0		Analog output module AO 2xI (+/-20mA, 4..20mA) / 15 bits, high resolution
2 AO I	6ES7 135-4MB01-0AB0		Analog output module AO 2xI (+/-20mA, 4..20mA) / 15 bits, high resolution, supports clocking.
DI			
2 DI DC24V	6ES7 131-4BB00-0AA0		2 DI DC24V; digital input module DI 2xDC24V, standard
4 DI DC24V	6ES7 131-4BD00-0AA0		4 DI DC24V; digital input module DI 4xDC24V, standard
2 DI DC24V High Feature	6ES7 131-4BB00-0AB0		Digital input module DI 2xDC24V, High Feature; with diagnostics
4 DI DC24V High Feature	6ES7 131-4BD00-0AB0		Digital input module DI 4xDC24V, High Feature; with diagnostics
4DI	6ES7 131-4CD00-0AB0		4DI; digital input module DI 4xUC 24...48V, High Feature; with diagnostics
2 DI AC 120V	6ES7 131-4EB00-0AB0		2 DI AC 120V; digital input module DI 2xAC120V
2 DI AC 230V	6ES7 131-4FB00-0AB0		2 DI AC 230V; digital input module DI 2xAC230V
8 DI DC 24V	6ES7 138-4FA00-0AB0		8 DI DC 24V; digital input module DI 4/8xDC24V, 8 DI safety-oriented SIL-2 or 4 DI safety-oriented SIL-3, with diagnostics
8 DI DC 24V	6ES7 138-4FA01-0AB0		8 DI DC 24V; digital input module DI 4/8xDC24V, 8 DI safety-oriented SIL-2 or 4 DI safety-oriented SIL-3, with diagnostics
DO			
2 DO DC24V/0.5A	6ES7 132-4BB00-0AA0		2 DO DC24V/0.5A; digital output module DO 2xDC24V/0.5A, standard
2 DO DC24V/2A	6ES7 132-4BB30-0AA0		2 DO DC24V/2A; digital output module DO 2xDC24V/2A, standard
2 DO DC24V/0.5A High Feature	6ES7 132-4BB00-0AB0		Digital output module DO 2xDC24V/0.5A, High Feature, with diagnostics
2 DO DC24V/2A High Feature	6ES7 132-4BB30-0AB0		Digital output module DO 2xDC24V/2A, High Feature, with diagnostics
4 DO DC24V/0.5A	6ES7 132-4BD00-0AA0		4 DO DC24V/0.5A; digital output module DO 4xDC24V/0.5A, standard
4 DO DC24V/2A	6ES7 132-4BD30-0AA0		4 DO DC24V/2A; digital output module DO 4xDC24V/2A, standard
2 DO AC 120/230V/ 1A	6ES7 132-4FB00-0AB0		2 DO AC 120/230V/ 1A; digital output module DO 2xAC120/230 V, 1 A
2 DO Rel. 24..230V/5A	6ES7 132-4HB00-0AB0		2 DO Rel. 24..230V/5A; digital output module 2xRel. UC 24..230V/5A
4 DO DC 24V/2A	6ES7 138-4FB00-0AB0		4 DO DC 24V/2A; digital output module DO 4xDC24V/2A, safety-oriented up to SIL-3, with diagnostics, PM potential
4 DO DC 24V/2A	6ES7 138-4FB01-0AB0		4 DO DC 24V/2A; digital output module DO 4xDC24V/2A, safety-oriented up to SIL-3, with diagnostics, PM potential

*) = Supports new PCS 7 V6.0 functionality

Product Name	MLFB	FW Version	Short Description
		IM	
IM151-1	6ES7 151-1BA00-0AB0		Interface module IM151-1 for ET 200S, High Feature
		PM	
PM-E DC24V	6ES7 138-4CA00-0AA0		Power module PM-E, DC24V, with diagnostics
PM-E DC24V/ AC120/230V	6ES7 138-4CB10-0AB0		PM-E DC24V/ AC120/230V; power module PM-E DC 24V, AC 120V, AC 230V, with diagnostics and
PM-E DC24V	6ES7 138-4CF00-0AB0		Power module PM-E, DC24V, safety oriented with 2 DO 24V PM potential with diagnostics
PM-E DC24V	6ES7 138-4CF01-0AB0		Power module PM-E, DC24V, safety oriented with 2 DO 24V PM potential; with diagnostics
PM-D DC24V	3RK1 903-0BA00		PM-D DC24V; power module; PM-D; 2xDC24V
PM-D F1 SIGUARD	3RK1 903-1BA00		PM-D F1 SIGUARD; power module; EMERGENCY STOP; monitored start; 2 channels
PM-D F2 SIGUARD	3RK1 903-1BB00		PM-D F2 SIGUARD; power module; protective door; auto start; 2 channel
PM-D F4 SIGUARD	3RK1 903-1BC00		PM-D F4 SIGUARD; power module; expansion to F1/2 for further potential group
PM-D F3 SIGUARD	3RK1 903-1BD00		PM-D F3 SIGUARD; power module; expansion to F1/2 for further potential group; time delay
PM-D F5 SIGUARD	3RK1 903-1BE00		PM-D F5 SIGUARD; power module; expansion to PM D F1 up to PM-D F4, contact replicator
PM-X SIGUARD	3RK1 903-1CB00		PM-X,connection module for infeed contactor; external safety circuits
PM-D F PROFIsafe	3RK1 903-3BA00		Power module PROFIsafe; PM-D F PROFIsafe; for 6 switch groups; safety-oriented
F-CM	3RK1 903-3CA00		Contact Multiplier F-CM; extension to PM-D F PROFIsafe; contact multiplier
PM-D F X1	3RK1 903-3DA00		Power/extension module PM-D F X1; overvoltage protector, external emergency OFF signals for feed; for 6 switch groups

*) = Supports new PCS 7 V6.0 functionality

Product Name	MLFB	FW Version	Short Description
Motor Starter			
DS1e-x 0.3 - 3 A High Feature	3RK1 301-0AB10-0AA2		DS1e-x 0.3 - 3 A; direct starter; switch mechanically; electronic UE protector; unfused up to 1.1 KW/400 V; 0.30 A to 3.00 A; options: Brake Control Module, Control Module; High Feature
DS1e-x 0.3 - 3 A High Feature	3RK1 301-0AB10-0AA3		DS1e-x 0.3 - 3 A; direct starter; switch mechanically; electronic UE protector; unfused up to 1.1 KW/400V; 0.30 A to 3.00 A; options: Brake Control Module, Control Module; Switch ES; High Feature
DS1e-x 2.4 - 8 A High Feature	3RK1 301-0BB10-0AA2		DS1e-x 2.4 - 8 A; direct starter; switch mechanically; electronic UE protector; unfused up to 3.0 KW/400 V; 2,40 A to 8,00 A; options: Brake Control Module, Control Module; High Feature
DS1e-x 2.4 - 16 A High Feature	3RK1 301-0CB10-0AA2		DS1e-x 2.4 - 16 A; direct starter; switch mechanically; electronic overload protection; unfused up to 7.5 KW/400 V; 2.40 A to 16 A; options: Brake Control Module, Control Module; High Feature
DSS1e-x 0.3 - 3 A High Feature	3RK1 301-0AB20-0AA2		DSS1e-x 0.3 - 3 A; direct starter; switch mechanically; electronic overload protection; unfused up to 1.1 KW/400 V; 0.30 A to 3.00 A; options: Brake Control Module, Control Module; High Feature
DS1e-x 2,4 - 16 A High Feature	3RK1 301-0CB10-0AA3		DS1e-x 2,4 - 16 A; direct starter; switch mechanically; electronic overload protection; unfused; to 7.5 KW/400 V; 2.40 A to 16 A; options: Brake Control Module, Control Module; Switch ES; High Feature
DSS1e-x 2.4 - 8 A High Feature	3RK1 301-0BB20-0AA2		DSS1e-x 2.4 - 8 A; 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
DSS1e-x 0.3 - 3 A High Feature	3RK1 301-0AB20-0AA3		DSS1e-x 0.3 - 3 A; direct soft starter; switch mechanically; electronic overload protection; unfused up; to 1.1 KW/400 V; 0.30 A to 3.00 A; options: Brake Control Module, Control Module; Switch ES; High Feature
DSS1e-x 2.4 - 16 A High Feature	3RK1 301-0CB20-0AA2		DSS1e-x 2,4 - 16 A; direct starter; switch mechanically; electronic overload protection; unfused up to 7.5 KW/400 V; 2.40 A to 16 A; options: Brake Control Module, Control Module; High Feature
RS1e-x (0,3 - 3A) High Feature	3RK1 301-0AB10-1AA2		RS1e-x (0.3 - 3A) High Feature; reversing starter; switch mechanically; electronic UE protector; unfused; to 1.1 KW/400 V; 0.30 A to 3.00 A; options: Brake Control Module, Controle Module; High Feature
RS1e-x (2.4 - 8A) High Feature	3RK1 301-0BB10-1AA2		RS1e-x (2.4 - 8A) High Feature; reversing starter; switch mechanically; electronic overload protection; unfused; to 3,0 KW/400 V; 2,40 A to 8,00 A; options: Brake Control Module, Control Module; High Feature
DSS1e-x 2,4 - 16 A High Feature	3RK1 301-0CB20-0AA3		DSS1e-x 2,4 - 16 A; direct soft starter switch mechanically; electronic overload protection; unfused; to 7.5 KW/400 V; 2.40 A to 16 A; options: Brake Control Module, Control Module; Switch ES; High Feature
RS1e-x (0.3 - 3A) High Feature	3RK1 301-0CB10-1AA2		RS1e-x (2.4 - 16A) High Feature; reversing starter; switch mechanically; electronic overload protection; unfused; to 7.5 KW/400 V; 2.40 A to 16 A; options: Brake Control Module, Control Module; High Feature
RS1e-x (0.3 - 3A) High Feature	3RK1 301-0AB10-1AA3		RS1e-x (0.3 - 3A) High Feature; reversing starter; switch mechanically; electronic overload protection; unfused; to 1.1 KW/400 V; 0.30 A to 3.00 A; options: Brake Control Module, Control Module; Switch ES;;

*) = Supports new PCS 7 V6.0 functionality

Product Name	MLFB	FW Version	Short Description
RS1e-x (2.4 - 8A) High Feature	3RK1 301-0BB10-1AA2		RS1e-x (2.4 - 8A) High Feature; reversing starter; switch mechanically; electronic overload protection; unfused; to 3.0 KW/400 V; 2.40 A to 8.00 A; options: Brake Control Module, Control Module; High Feature
RS1e-x (2.4 - 8A) High Feature	3RK1 301-0BB10-1AA3		RS1e-x (2.4 - 8A) High Feature; reversing starter; switch mechanically; electronic overload protection; unfused; to 3.0 KW/400 V; 2.40 A to 8.00 A; options: Brake Control Module, Control Module; Switch ES; High Feature
RS1e-x (2.4 - 16A) High Feature	3RK1 301-0CB10-1AA2		RS1e-x (2,4 - 16A) High Feature; reversing starter; switch mechanically; electronic overload protection; unfused; to 7.5 KW/400 V; 2.40 A to 16 A; options: Brake Control Module, Control Module; High Feature
RS1e-x (2,4 - 16A) High Feature	3RK1 301-0CB10-1AA3		RS1e-x (2,4 - 16A) High Feature; reversing starter; switch mechanically; electronic overload protection; unfused; to 7.5 KW/400 V; 2.40 A to 16 A; options: Brake Control Module, Control Module; Switch ES; High Feature
F-Motorstarter			
F-DS1e-x 2.4 - 8 A High Feature	3RK1 301-0BB13-0AA2		F-DS1e-x 2,4 - 8 A High Feature; safe direct starter; switch mechanically; electronic overload protection; unfused; to 3.0 KW/400 V; 2,40 A to 8,00 A; options: Brake Control Module, Control Module; High Feature; for PM-D F PROFIsafe
F-DS1e-x 2.4 - 16 A High Feature	3RK1 301-0CB13-0AA2		F-DS1e-x 2,4 - 16 A High Feature; safe direct starter; switch mechanically; electronic overload protection; unfused; to 7.5 KW/400 V; 2.40 A to 16 A; options: Brake Control Module, Control Module; High Feature; for PM-D F PROFIsafe
F-DS1e-x 2.4 - 16 A High Feature	3RK1 301-0CB13-0AA2		F-DS1e-x 2,4 - 16 A High Feature; safer direct starter; switch mechanically; electronic overload protection; unfused; to 7.5 KW/400 V; 2.40 A to 16 A; options: Brake Control Modul, Control Module; High Feature; for PM-D F PROFIsafe
F-RS1e-x 0.3 - 3 A High Feature	3RK1 301-0AB13-1AA2		F-RS1e-x 0,3 - 3 A High Feature; safe reversing starter; switch mechanically; electronic overload protection; unfused; to 1.1 KW/400 V; 0.30 A to 3.00 A; Option: Brake Control Modul, Control Modul; High Feature; for PM-D F PROFIsafe
F-RS1e-x 2.4 - 8 A High Feature	3RK1 301-0BB13-1AA2		F-RS1e-x 2,4 - 8 A High Feature; sicherer reversing starter; switch mechanically; electronic overload protection; unfused, to 3.0 KW/400 V; 2.40 A to 8,00 A; options: Brake Control Module, Control Module; High Feature; for PM-D F PROFIsafe
F-RS1e-x 2.4 - 16 A High Feature	3RK1 301-0CB13-1AA2		F-RS1e-x 2,4 - 16 A High Feature; safe reversing starter;switch mechanically; electronic overload protection; unfused; to 7.5 KW/400 V; 2.40 A to 16 A; options: Brake Control Module, Control Module; High Feature; for PM-D F PROFIsafe
Motor Starter Accessories			
xB3 DC24V/4A	3RK1 903-0CE00		xB3 DC24V/4A; Brake Control Module DC 24V / 4A, DI 2xDC24V Local Control
xB4 DC500V/0.7A	3RK1 903-0CF00		xB4 DC500V/0.7A; Brake Control Module DC 500V / 0.7A, DI 2xDC24V Local Control

*) = Supports new PCS 7 V6.0 functionality

Product Name	MLFB	FW Version	Short Description
ET 200X			
AI			
ET 200X EM 144 AI 2x U	6ES7 144-1FB31-0XB0		Expansion module AI 2x U (+/-10V), Diagnostics
ET 200X EM 144 AI2x I	6ES7 144-1GB31-0XB0		Expansion module AI 2x I (+/-20mA, 4-20mA, 4-wire measuring transducer), Diagnostics
ET 200X EM 144 AI 2x I	6ES7 144-1GB41-0XB0		Expansion module AI 2x I (4-20mA, 2-wire measuring transducer), Diagnostics
ET 200X EM 144 AI 2x RTD	6ES7 144-1JB31-0XB0		Expansion module AI 2x RTD (Pt100), Diagnostics
AO			
ET 200X EM 145 AO 2x U	6ES7 145-1FB31-0XB0		Expansion module AO 2x U (+/-10V), Diagnostics
ET 200X EM 145 AO 2x I	6ES7 145-1GB31-0XB0		Expansion module AO 2x I (+/-20mA, 4-20mA), Diagnostics
BM_DI			
ET 200X BM 141 DI 8xDC24V	6ES7 141-1BF11-0XB0		ET 200X BM 141 DI 8xDC24V; Basic module ET 200X- DI 8xDC24V, expandable with analog EMs
BM_DO			
ET 200X BM 142 DO 4xDC24V/2A	6ES7 142-1BD21-0XB0		ET 200X BM 142 DO 4xDC24V/2A; basic module ET 200X-DO 4xDC24V/2A, expandable with analog EMs
DI			
ET 200X EM 141 DI 8xDC24V	6ES7 141-1BF30-0XA0		ET 200X EM 141 DI 8xDC24V; expansion module DI 8xDC24V
ET 200X EM 141 DI 8xDC24V	6ES7 141-1BF40-0XA0		ET 200X EM 141 DI 8xDC24V; expansion module ET 200X DI 8xDC24V
DO			
ET 200X EM 142 DO 4xDC24V/2A	6ES7 142-1BD40-0XB0		ET 200X EM 142 DO 4xDC24V/2A; expansion module DO 4xDC24V/2A, diagnostics
ET 200X EM 142 DO 8xDC24V/1.3A	6ES7 142-1BF30-0XA0		ET 200X EM 142 DO 8xDC24V/1.3A; expansion module ET 200X DO 8xDC24V/1.3A
PM			
ET 200X PM 148	6ES7 148-1CA00-0XB0		SIMATIC DP, power module PM 148 FOR ET 200X 4 DO, DC 24 V/2A with load voltage supply, diagnostics by channels
Ventil			
ET 200X EM 148-P; DO 16xP/CPV10	6ES7 148-1EH01-0XA0		ET 200X EM 148-P; DO 16xP/CPV10; Expansion module DO16xP (coupling module for valve island CPV10)
ET 200X EM 148-P; DO 16xP/CPV14	6ES7 148-1EH11-0XA0		ET 200X EM 148-P; DO 16xP/CPV14; Expansion module DO16xP (coupling module for valve island CPV14)
DP/AS-I-Link			
-			
DP/AS-I-Link	6ES7 156-0AA01-0XA0	1)	Coupling module between PROFIBUS-DP and PLC interface, -25...60 degrees C
DP/AS Interface Link 20E	6GK1 415-2AA01	1)	Coupling module between PROFIBUS DP and PLC interface. Protection type IP 20. Support of ASi-A/B slaves and ASi-7.3/7.4 analog slaves

1) Can only be automatically associated in PCS 7 via the "Programming instructions for driver blocks V6.0".

Repeater			
Diagnostic Repeater			
Diagnostic Repeater	6ES7 972-0AB00-0XA0		Diagnostic repeater for wire diagnostics on the PROFIBUS DP (RS485), IP20, up to 12 Mbaud IP20, up to 12 Mbaud, DPV0 slave
Diagnostic Repeater	6ES7 972-0AB01-0XA0	*)	Diagnostic repeater for wire diagnostics on PROFIBUS-DP (RS485), IP20, up to 12 Mbaud, DPV1 slave

*) = Supports new PCS 7 V6.0 functionality

Product Name	MLFB	FW Version	Short Description
Network Components			
Ethernet			
IE OLM	6GK1 102-4AA00		SIMATIC NET, OLM F. INDUSTRIAL ETHERNET, OPTICAL LINK MODULE WITH 3 ITP- A. 2 FOC PORT REDUNDANT VOLTAGE SUPPLY AND SIGNALING CONTACT
IE OSM TP62	6GK1 105-2AA10		SIMATIC NET, OSM TP62 OPTICAL SWITCH MODULE WITH 2 FOC PORTS 100MBIT/S U. 6 RJ45-PORTS 10/100MBIT/S, REDUNDANT DC24V FEED, SIGNALING CONTACT, INTEGRATED REDUNDANCY MANAGER
IE OSM ITP62	6GK1 105-2AB10		SIMATIC NET, OSM ITP62 OPTICAL SWITCH MODULE with 2 FOC PORTS 100MBIT/S AND 6 ITP PORTS 10/100MBIT/S, REDUNDANT DC24V FEED SIGNALING CONTACT INTEGRATED REDUNDANCY MANAGER
IE OSM ITP62-LD	6GK1 105-2AC10	V2.0	SIMATIC NET, OSM ITP62-LD OPTICAL SWITCH MODULE WITH 2 FOC PORTS 100MBIT/S LONG DISTANCE (FOC up to 18 KM) AND 6 ITP PORTS 10/100MBIT/S, REDUNDANT DC24V SUPPLY, SIGNALING CONTACT, INTEGRATED REDUNDANCY MANAGER
IE OSM ITP53	6GK1 105-2AD10	V2.0	SIMATIC NET, OSM ITP53 OPTICAL SWITCH MODULE WITH 3 FOC PORTS 100MBIT/S U. 5 ITP PORTS 10/100MBIT/S, REDUNDANT DC24V SUPPLY, SIGNALING CONTACT, INTEGRATED REDUNDANCY MANAGER
IE ESM ITP80	6GK1 105-3AA10	V2.0	SIMATIC NET, ESM ITP80 ELECTRICAL SWITCH MODULE WITH 8 ITP-PORTS 10/100MBIT/S, REDUNDANT DC24V SUPPLY, SIGNALING CONTACT, INTEGRATED REDUNDANCY MANAGER
IE ESM TP80	6GK1 105-3AB10	V2.0	SIMATIC NET, ESM TP80 ELECTRICAL SWITCH MODULE WITH 8 RJ45 PORTS 10/100MBIT/S, REDUNDANT DC24V SUPPLY, SIGNALING CONTACT, INTEGRATED REDUNDANCY MANAGER
PC			
Controller			
CPU 416-2 PCI	6ES7 616-2QL00-0AB4	V3.4	CPU 416-2 PCI as expansion card for PCs; constant bus cycle time and isochrone mode; routing; Firmware V3.4
CP Ethernet			
CP 1613	6GK1 161-3AA00		SIMATIC NET CP 1613 Industrial Ethernet, ISO, TCP/IP, S7 connections, PG functions, ISA bus
CP 1512	6GK1 151-2AA00		CP 1512; SIMATIC NET CP1512 Industrial Ethernet, ISO, TCP/IP, S7 connections, PG functions, PCMCIA, only for use with PCS7 ES !
CP 1612	6GK1 161-2AA00		CP 1612; SIMATIC NET CP 1612 Industrial Ethernet, ISO, TCP/IP, S7 connections, PG functions, PCI-Bus
CP-Profibus			
CP 5611	6GK1 561-1AA00		SIMATIC NET CP 5611 PROFIBUS, PCI bus, only for use with Simatic PDM

*) = Supports new PCS 7 V6.0 functionality

Product Name	MLFB	FW Version	Short Description
PCS 7			
Partner Modules			
	2XV9 450-1AR13		WinGPS for Windows 95/NT, GPS receiver for world-wide time synchronization, incl. mounting kit
	2XV9 450-1AR14		DCFRS for Windows 95/NT, DCF 77 receiver for time synchronization within Europe, incl. mounting kit
	2XV9 450-1AR24		SICLOCK TM Time-of-day sender, complete package GPS, 24VDC to 110VDC, for synchronizing the nodes connected via Industrial Ethernet
	2XV9 450-1AR25		SICLOCK TM Time-of-day sender, complete package GPS, AC/DC90VAC/DC to 240VAC/DC, for synchronizing the nodes connected via Industrial Ethernet
	2XV9 450-1AR26		SICLOCK TM Time-of-day sender, complete package DCF77, 24VDC to 110VDC, for synchronizing the nodes connected via Industrial Ethernet
	2XV9 450-1AR27		SICLOCK TM Time-of-day sender, DCF77, 90VAC/DC to 240VAC/DC, for synchronizing the nodes connected via Industrial Ethernet
	3P7217B00APF01		Laser printer MicroLaser 170, quick laser printer (monochrome), with Centronics interface, opt. network card, and 12 MB RAM
	3P74C4B00APQ01		Laser printer MicroLaser C4, high-resolution color laser printer, with network capability, with 24 MBytes RAM, with network card GNC:
	6AP1 800-0BF00		Matrix printer DR 235-N, 24-pin printer for DIN A4 and continuous paper, without interface
	6DS1 916-???		Signal module, PCI card for the insertion in an operator station or engineering station (Hupe)
	6DS1 916-8AA		Signal module, ISA card for the insertion in an operator station or engineering station (Hupe)
	6ES7 652-0XX01-1XC0		Chipcard Reader, external chipcard reader, V.24 connection, Power supply PS/2 with 1.8 m cable,
	6ES7 652-0XX01-1XE0		Multi-VGA graphic card "2 Screens"
	6ES7 652-0XX01-1XE1		Multi-VGA graphic card "4 Screens"
	6GF6 510-1BC		DR 7070 M, (monochrome) Bubble Jet printer for resolutions up to 720 x 360, format up to DIN A2 portrait, speed 700 char/sec

*) = Supports new PCS 7 V6.0 functionality

Product Name	MLFB	FW Version	Short Description
S7-300			
CP - PtP			
CP341-1A	6ES7 341-1AH01-0AE0		CP341 RS232, com. processor RS232 interface, reloadable drivers
CP341-1B	6ES7 341-1BH01-0AE0		CP341 TTY, com. processor TTY interface reloadable drivers
CP341-1C	6ES7 341-1CH01-0AE0		CP341 RS422, com. processor, RS422 interface reloadable drivers
CP-AS-i			
CP342-2 AS-I	6GK7 342-2AH00-0XA0	1)	SIMATIC NET CP 342-2 for the connection of S7-300 to PLC interface
CP342-2 AS-I	6GK7 342-2AH01-0XA0	1)	SIMATIC NET CP 342-2 for the connection of S7-300 to PLC interface
CP343-2 AS-i	6GK7 343-2AH00-0XA0	1)	Basic module for the connection of an AS interface.□ Support of AS-i A/B slaves and AS-i 7.3/7.4 analog slaves
FM			
FM350-1 COUNTER	6ES7 350-1AH03-0AE0	V1.0.2	Coutnter group, 1 channel, also for configuration with active bus modules, supports isochrone mode
FM350-2 COUNTER	6ES7 350-2AH00-0AE0		Counter group, 8 channels
FM355 C PID Control	6ES7 355-0VH10-0AE0		Closed loop-control module 4 channels (continuous) 4AI+8DI+4AO, V2.0
FM355 S PID Control	6ES7 355-1VH10-0AE0		Closed loop-control module 4 channels (step and pulse) 4AI+8DI+8DO, V2.0
FM355-2 C	6ES7 355-2CH00-0AE0		FM355-2 C; closed loop-control module x channels, temperature controller
FM355-2 S	6ES7 355-2SH00-0AE0		FM355-2 S; closed loop-control module x channels, temperature controller
PS			
PS307 2A	6ES7 307-1BA00-0AA0		Load power supply 120/230V+F226AC:24VDC/2A
PS307 2A	6ES7 305-1BA80-0AA0		Load power supply 120/230VAC:24VDC/2A
PS307 5A	6ES7 307-1EA00-0AA0		Load power supply 120/230VAC:24VDC/5A
PS307 5A	6ES7 307-1EA80-0AA0		Load power supply 120/230VAC:24VDC/5A
PS307 10A	6ES7 307-1KA00-0AA0		Load power supply 120/230VAC:24VDC/10A

1) Can only be automatically associated in PCS 7 via the "Programming instructions for driver blocks V6.0".

*) = Supports new PCS 7 V6.0 functionality

Product Name	MLFB	FW Version	Short Description
		SM - DI	
SM 321 DI 16x24VDC	6ES7 321-1BH01-0AA0		Digital input module DI 16x24VDC, grouping 16
SM 321 DI 16x24VDC	6ES7 321-1BH02-0AA0		Digital input module DI 16x24VDC, grouping 16
SM321 DI 16xDC24V	6ES7 321-1BH10-0AA0		Digital input module DI 16xDC24V, grouping 16, High Speed, supports isochrone mode
SM321 DI16x24VDC	6ES7 321-1BH50-0AA0		Digital input module DI 16x24VDC, grouping 16, M-reading
SM321 DI 16xDC24V	6ES7 321-1BH81-0AA0		SM321; Digital input module DI 16xDC24V, extended environmental conditions
SM 321 DI 16x24VDC	6ES7 321-1BH82-0AA0		SM321; Digital input module DI 16x24VDC, extended environmental conditions
SM321 DI32x24VDC	6ES7 321-1BL00-0AA0		Digital input module DI 32x24VDC, grouping 32
SM321 DI 32xDC24V	6ES7 321-1BL80-0AA0		Digital input module DI 32xDC24V, grouping 32
SM321 DI 16xDC48..120V	6ES7 321-1CH20-0AA0		Digital input module DI 16xDC48..120V, grouping 8
SM321 DI 16xDC48..120V	6ES7 321-1CH80-0AA0		Digital input module DI 16xDC48..120V, grouping 8, environmental conditions
SM321 DI 16xAC120V	6ES7 321-1EH01-0AA0		Digital input module DI 16x120VAC,grouping 4
SM321	6ES7 321-1EL00-0AA0		DI 32xAC 120V, 32Pt 120VAC Input - IEC Type II - 8 Pts/Comm
SM321 DI8x230VAC	6ES7 321-1FF01-0AA0		Digital input module DI 8x120...230VAC, grouping 2
SM 321 DI 8xAC120/230V	6ES7 321-1FF10-0AA0		Digital input module DI8xAC ISO grouping 1 SM 321 DI 8xAC120/230V
SM 321 DI 8x120/230VAC	6ES7 321-1FF81-0AA0		Digital input module DI 8x120/230VAC, extended environmental conditions
SM321 DI16x120V/230VAC	6ES7 321-1FH00-0AA0		SM321 DI16x120/230VAC; Digital input module DI 16xAC120V /230V, grouping 4
SM321 DI 16x24VDC, Interrupt	6ES7 321-7BH00-0AB0		Digital input module DI 16xDC24V, with hardware and diagnostic interrupt, grouping 16
SM321 DI 16xDC24V, Alarm	6ES7 321-7BH01-0AB0		Digital input module DI 16xDC24V, with hardware and diagnostic interrupt, grouping16, supports
SM 321 DI 16x24VDC, Interrupt	6ES7 321-7BH80-0AB0		Digital input module DI 16x24VDC, with hardware and diagnostic interrupt, grouping 16
SM321 DI4xNAMUR, Ex	6ES7 321-7RD00-0AB0		Digital input module DI 4xNamur, with hardware and diagnostic interrupt, grouping 1, [EEx ib]
SM 321, DI 16xNAMUR	6ES7 321-7TH00-0AB0		Digital input module DI 16xNAMUR,with diagnostics and quality code

*) = Supports new PCS 7 V6.0 functionality

Product Name	MLFB	FW Version	Short Description
		SM - DO	
SM322 DO8x24VDC/2A	6ES7 322-1BF01-0AA0		Digital output module DO 8x24VDC/2A, grouping 4
SM322 DO16x24VDC/0.5A	6ES7 322-1BH01-0AA0		Digital output module DO 16x24VDC/0.5A, grouping 8
SM322 DO 16xDC24V/0,5A	6ES7 322-1BH10-0AA0		Digital output module DO 16xDC24V/0.5A, grouping 8, High Speed, supports isochrone mode
SM 322 DO 16x24VDC/0.5A	6ES7 322-1BH81-0AA0		Digital output module DO 16x24VDC/0.5A, extended environmental conditions
SM322 DO32x24VDC/0.5A	6ES7 322-1BL00-0AA0		Digital output module DO 32x24VDC/0.5A, grouping 8
SM322 DO 8xDC48..120V/1.5A	6ES7 322-1CF00-0AA0		Digital output module DO 8xDC48..120V/1.5A, grouping 4
SM322 DO8x48..120VDC/1.5A	6ES7 322-1CF80-0AA0		Digital output module DO 8x48..120VDC/1.5A, grouping 4 extended environmental conditions
SM322 DO16x120VAC/0.5A	6ES7 322-1EH01-0AA0		Digital output module DO 16x120VAC/0.5A, grouping 8
SM322 DO 32xAC120V/1A	6ES7 322-1EL00-0AA0		Digital output module 32DO 120V AC/1A, grouping 8
SM322 DO8x230VAC/2A	6ES7 322-1FF01-0AA0		Digital output module DO 8x120...230VAC/1A, grouping 4, Si.
SM 322 DO 8x120/230VAC/1A	6ES7 322-1FF81-0AA0		Digital output module DO 8x120/230VAC/1A, extended environmental conditions
SM322 DO16x120V/230VAC/0.5A	6ES7 322-1FH00-0AA0		Digital output module DO 16x120/230VAC/0.5A, grouping 8
SM322 DO 32xAC120V/230V/1A	6ES7 322-1FL00-0AA0		Digital output module 32DO 120-230V AC/1A, grouping 8
SM322 DO8xRel. 230VAC	6ES7 322-1HF01-0AA0		Digital output module DO 8xREL 24VDC/2A, 230V AC/2A, grouping 2
SM 322 DO 8xRel. 230VAC/5A	6ES7 322-1HF10-0AA0		Digital output module DO 8xREL 230VAC, 5A, grouping 1
SM322	6ES7 322-1HF20-0AA0		Digital output module DO 8xREL 24VDC/5A, 230VAC/5A, grouping 1, with snubber
SM322 DO 8xRel. 230VAC /5A	6ES7 322-1HF80-0AA0		SM 322 DO 8xRel. AC 230V/5A; Digital output module DO 8xREL. 230V AC, 5A, grouping 1, extended environmental conditions
SM322 DO16xRel. 120VAC	6ES7 322-1HH00-0AA0		Digital output module DO 16xREL 24VDC/2A, 120V/2A, grouping 16
SM322 DO16xRel. 120/230VAC	6ES7 322-1HH01-0AA0		Digital output module DO 16xREL 24VDC/2A, 120V/2A, 230V/?A, grouping 16
SM322 DO 8xAC120/230V/2A	6ES7 322-5FF00-0AB0		SM322; Digital output module DO DO8xAC120/230V, incl. value substitution
SM322 DO 16xUC24/48V	6ES7 322-5GH00-0AB0		Digital output module DO 16xUC24/48V diagnostic interrupt, grouping 1,
SM322 DO 8xRel AC230V	6ES7 322-5HF00-0AB0		Digital output module DO 8xAC230V, x A
SM322 DO 4xDC15V/20mA, Ex	6ES7 322-5RD00-0AB0		Digital output module DO 4xDC15V/20mA, diagnostic interrupt grouping 1, [EEx ib]
SM322 DO 4x24VDC/10mA, Ex	6ES7 322-5SD00-0AB0		Digital output module DO 4x24VDC/10mA, diagnostic interrupt, grouping 1, [EEx ib]
SM322 DO8x24VDC/0.5A	6ES7 322-8BF00-0AB0		Digital output module DO 8x24VDC/0.5A, diagnostic interrupt, grouping 8
SM 322 DO 8x24VDC/0.5A	6ES7 322-8BF80-0AB0		Digital output module DO 8x24VDC/0.5A, with diagnostics, extended environmental conditions
SM 322, DO 16x24VDC/0.5A	6ES7 322-8BH00-0AB0		Digital output module, DO 16x24VDC/0.5A, with diagnostics
SM322 DO 16xDC24V/0,5A	6ES7 322-8BH01-0AB0		Digital output module, DO 16xDC24V/0,5A, with diagnostics

*) = Supports new PCS 7 V6.0 functionality

Product Name	MLFB	FW Version	Short Description
		SM - DI/DO	
SM323 DI 8/DO 8xDC24V/0.5A	6ES7 323-1BH81-0AA0		SM 323 DI 8/DO 8xDC24V/0,5A; digital I/O module. DI 8/DO 8xDC24V/0,5A, outdoor
		SM - DI - F	
SM 326, DI 24x24VDC	6ES7 326-1BK00-0AB0		SM 326 F, DI 24x24VDC, safety oriented
SM326 DI 24xDC24V	6ES7 326-1BK01-0AB0		SM 326 F, DI 24xDC24V, safety oriented
SM 326, DI 8xNAMUR, Ex(i)	6ES7 326-1RF00-0AB0		SM 326 F, DI 8xNAMUR, Ex(i), safety oriented
		SM - DO - F	
SM 326, DO 10x24VDC/2A	6ES7 326-2BF00-0AB0		SM326 F, DO 10x24VDC/2A, safety oriented
SM326 DO 10xDC24V/2A	6ES7 326-2BF01-0AB0		SM 326F, DO 10xDC24V/2A, P switching, safety oriented, with diagnostic interrupt
		SM - AI	
SM 331 AI 8x13 bits	6ES7 331-1KF00-0AB0		Analog input module AI 8x13 bits
SM331 AI 8x13Bit	6ES7 331-1KF01-0AB0		Analog input module AI 8x13 bits
SM331 AI2x12 bits	6ES7 331-7KB01-0AB0		Analog input module AI 2x12...14 bits
SM331 AI2x12 bits	6ES7 331-7KB02-0AB0		Analog input module AI 2x12...14 bits
SM 331 AI 2x12 bits	6ES7 331-7KB81-0AB0		Analog input module AI 2x12...14 bits, extended environmental conditions
SM331 AI2x12 bits	6ES7 331-7KB82-0AB0		Analog input module AI 2x12...14 bits, Outdoor
SM331 AI8x12 bits	6ES7 331-7KF01-0AB0		Analog input module AI 8x12...14 bits
SM331 AI8x12 bits	6ES7 331-7KF02-0AB0		Analog input module AI 8x12...14 bits
SM331 AI8x16 bits	6ES7 331-7NF00-0AB0		Analog input module; AI8x16 bits; 1..5V, +/- 5V, +/- 10V; 0..20mA, 4..20mA, +/- 20 mA
SM331 AI8x16 bits	6ES7 331-7NF10-0AB0		SM331 AI8x16Bit; Analog input module; AI8x16 bits; 1..5V, +/- 5V, +/- 10V; 0..20mA, 4..20mA, +/- 20 mA
SM331 AI8xRTD	6ES7 331-7PF00-0AB0		Analog input module AI8xRTD, 16 bits (internal 24 bits according to the Sigma-Delta process); RTD: Pt100, Pt200, Pt500, Pt1000, Ni100, Ni120, Ni1000, Cu10
SM331 AI8xTC	6ES7 331-7PF10-0AB0		Analog input module AI8xTC, 16Bit (internal 24 bits according to the Sigma-Delta process); thermo couples: B, E, J, K, L, N, R, S, T
SM331 AI4x0/4...20mA, Ex	6ES7 331-7RD00-0AB0		Analog input module AI 4x0/4...20mA 15 bits, [EEx ib]
SM331 AI8xTC/4xRTD, Ex	6ES7 331-7SF00-0AB0		Analog input module AI 8xTC/4xRTD 15 bits, [EEx ib]
SM 331 AI2x0/4...20mA HART, EX	6ES7 331-7TB00-0AB0		Analog input module AI2x0/4...20mA, with HART communication, [EEx ib], can only be used in connection with IM153-2
		SM - AO	
SM332 AO2x12 bits	6ES7 332-5HB01-0AB0		Analog output module AO 2x12 bits
SM 332 AO 2x12 bits	6ES7 332-5HB81-0AB0		Analog output module AO 2x12...14 bits, extended environmental conditions
SM332 AO4x12 bits	6ES7 332-5HD01-0AB0		Analog output module AO 4x11...12 bits
SM332 AO 8x12Bit	6ES7 332-5HF00-0AB0		
SM332 AO4x0/4...20mA, Ex	6ES7 332-5RD00-0AB0		Analog output module AO 4x0/4...20mA, 15 bits, [EEx ib]
SM 332, AO2x0/4...20mA HART, EX	6ES7 332-5TB00-0AB0		Analog output module AO2x0/4...20mA, with HART communication, [EEx ib]
SM332	6ES7 332-7ND00-0AB0		SM332, Analog output module; 4x16 bits
SM332 AO 4x16 bits	6ES7 332-7ND01-0AB0		SM332, Analog output module; 4x16 bits supports isochrone mode
		SM - AI - F	
SM 336, AI 6x13 bits	6ES7 336-1HE00-0AB0		Analog input module AI 6x13 bits, safety oriented up to SIL-3, with diagnostics

*) = Supports new PCS 7 V6.0 functionality

Product Name	MLFB	FW Version	Short Description
S7-400			
CP - Ethernet			
CP 443-1	6GK7 443-1BX00-0XE0		S7 CP for Industrial Ethernet with SEND-RECEIVE interface, S7 communcation
CP 443-1 ISO	6GK7 443-1BX01-0XE0		S7 CP for Industrial Ethernet with SEND-RECEIVE interface, S7 communcation, routing, module replacement without programming device
CP 443-1 TCP	6GK7 443-1EX01-0XE0		S7 CP for Industrial Ethernet with TCP/IP, with SEND-RECEIVE interface, S7 communcation, routing, module replacement without programming device
CP 443-1	6GK7 443-1EX02-0XE0	V5.2	S7 CP for Industrial Ethernet ISO and TCP/IP with SEND-RECEIVE and FETCH-WRITE interface, long data, UDP, TCP, S7 functions, routing, module replacement without programming device
CP 443-1	6GK7 443-1EX10-0XE0	V1.0	S7 CP for Industrial Ethernet ISO and TCP/IP with SEND-RECEIVE and FETCH-WRITE interface, long data, UDP, TCP, S7 functions, routing, module replacement without programming device, 10/100 Mbit Fast Send/Receive
CP 443-1	6GK7 443-1EX10-0XE0	V2.x	S7 CP for Industrial Ethernet ISO and TCP/IP with SEND-RECEIVE- and FETCH-WRITE interface, long data, UDP, TCP, S7 functions, routing, module replacement without programming devic, 10/100 Mbit Fast Send/Receive
CP 443-1	6GK7 443-1EX11-0XE0	V1.1	S7 CP for Industrial Ethernet ISO and TCP/IPwith SEND-RECEIVE and FETCH-WRITE interface, long data, UDP, TCP, S7 functions, routing, module replacement without programming device, 10/100 Mbit
CP 443-1	6GK7 443-1EX11-0XE0	V2.x*)	S7 CP for Industrial Ethernet ISO and TCP/IP with SEND-RECEIVE- and FETCH-WRITE interface, long data, UDP, TCP, S7 functions, routing, module replacement without programming devic, 10/100 Mbit, NTP, fixed MAC addr.
CP - Profibus			
CP 443-5 Extended	6GK7 443-5DX01-0XE0		CP for Profibus with Profibus DP, SEND-RECEIVE interface, FMS and S7 communication; Sync/Freeze
CP 443-5 Extended	6GK7 443-5DX02-0XE0	V3.0	PROFIBUS CP: DP-Master with Sync/Freeze and redundancy, Slave cross traffic, equidistance, SEND-RECEIVE interface, S7 functions, time-of-day, routing
CP 443-5 Extended	6GK7 443-5DX02-0XE0	V3.1	PROFIBUS CP: FMS protocol, SEND-RECEIVE interface, S7 functions, time-of day, PG routing, module replacement without programming device, Firmware V3.1
CP 443-5 Extended	6GK7 443-5DX02-0XE0	V3.2	PROFIBUS CP: DP master with Sync/Freeze and redundancy, slave-cross traffic, equidistance, SEND-RECEIVE interface, S7 functions, time-of-day, PG routing, data set routing, Firmware V3.2
CP 443-5 Extended	6GK7 443-5DX02-0XE0	V3.3	PROFIBUS CP: DP master with Sync/Freeze and redundancy, slave-cross traffic, equidistance, SEND-RECEIVE interface, S7 functions, time-of-day, PG routing, data set routing, Firmware V3.3
CP 443-5 Extended	6GK7 443-5DX03-0XE0	V4.0	PROFIBUS CP: DP master with Sync/Freeze and redaundancy, direct data exchange, equidistance, SEND-RECEIVE interface, S7 functions, time-of-day synchronization, routing, data set routing, DPV1, Firmware V4.0
CP 443-5 Extended	6GK7 443-5DX03-0XE0	V5.x *)	PROFIBUS CP: DP master with Sync/Freeze and redaundancy, direct data exchange, equidistance, SEND-RECEIVE interface, S7 functions, time-of-day, synchronization, data set routing, DPV1, CIR, Firmware V5.x

*) = Supports new PCS 7 V6.0 functionality

Product Name	MLFB	FW Version	Short Description
CPU before 04/99 (up to PCS7 V4.02)			
CPU 414-2 DP	6ES7 414-2XJ00-0AB0		S7 CPU; work memory 384kB; 0.1 ms/kA; 8kB DI/O; 32 connections; MPI and PROFIBUS DP connection
CPU 414-2 DP	6ES7 414-2XJ01-0AB0		S7 CPU; work memory 384kB; 0.1 ms/kA; 8kB DI/O; 32 connections; MPI and PROFIBUS DP connection
CPU 416-2 DP	6ES7 416-2XK00-0AB0		S7 CPU; work memory 0.8MB; 0.08 ms/kA; 16kB DI/O; 64 connections; MPI and PROFIBUS DP connection
CPU 416-2 DP	6ES7 416-2XK01-0AB0		S7 CPU; work memory 0.8MB; 0.08 ms/kA; 16kB DI/O; 64 connections; MPI and PROFIBUS DP connection
CPU 416-2 DP	6ES7 416-2XL00-0AB0		S7 CPU; work memory 1.6MB; 0.08 ms/kA; 16kB DI/O; 64 connections; MPI and PROFIBUS DP connection
CPU 416-2 DP	6ES7 416-2XL01-0AB0		S7 CPU; work memory 1.6MB; 0.08 ms/kA; 16kB DI/O; 64 connections; MPI and PROFIBUS DP connection

*) = Supports new PCS 7 V6.0 functionality

Product Name	MLFB	FW Version	Short Description
CPU as of 04/99 (as of PCS7 V5.0)			
CPU 414-3	6ES7 414-3XJ00-0AB0	V1.1	S7 CPU; work memory 384KB code and 384 KB data; 0.1 ms/kA; 8KB DI/O; 32 connections; 2*DP/MPI and 1 receptacle for IF submodules; equidistance; multicomputing capacity
CPU 414-3	6ES7 414-3XJ00-0AB0	V1.2	S7 CPU; work memory 384KB code and 384 KB data; 0.1 ms/kA; 8KB DI/O; 32 connections; 2*DP/MPI and 1 receptacle for IF submodules; equidistance, cross traffic; multicomputing capacity; routing
CPU 414-3	6ES7 414-3XJ00-0AB0	V3.0	Work memory 384KB code and 384 KB data; 0.1 ms/kA; 8KB DI/O; 32 connections; 2*DP/MPI and 1 receptacle for I submodules; direct data exchange, equidistance; routing; multicomputing capacity, DPV1; Firmware V3.0
CPU 414-3	6ES7 414-3XJ00-0AB0	V3.1*)	Work memory 384KB code and 384 KB data; 0.1 ms/kA; 8KB DI/O; 32 connections 2*DP/MPI and 1 receptacle for I submodules; direct data exchange, equidistance; routing; multicomputing capacity, DPV1; Firmware V3.1
CPU 416-2	6ES7 416-2XK02-0AB0	V1.1	S7 CPU; work memory 0.8MB code and 0.8MB data; 0.08 ms/kA; 16KB DI/O; 64 connections; 2*DP/MPI; equidistance; multicomputing capacity
CPU 416-2	6ES7 416-2XK02-0AB0	V1.2	S7 CPU; work memory 0.8MB code and 0.8MB data; 0.08 ms/kA; 16KB DI/O; 64 connections; 2*DP/MPI; equidistance, cross traffic; multicomputing capacity; routing
CPU 416-2	6ES7 416-2XK02-0AB0	V3.0	Work memory 0.8MB code and 0.8MB data; 0.08 ms/kA; 16KB DI/O; 64 connections; 2*DP/MPI; direct data exchange, equidistance; routing; multicomputing capacity, DPV1; Firmware V3.0
CPU 416-2	6ES7 416-2XK02-0AB0	V3.1 *)	Work memory 0.8MB code and 0.8MB data; 0.08 ms/kA; 16KB DI/O; 64 connections; 2*DP/MPI; direct data exchange, equidistance; routing; multicomputing capacity, DPV1; Firmware V3.1
CPU 416-3	6ES7 416-3XL00-0AB0	V1.1	S7 CPU; work memory 1.6MB code and 1.6MB data; 0.08 ms/kA; 16KB DI/O; 64 connections; 2*DP/MPI and 1 receptacle for IF submodules; equidistance; multicomputing capacity
CPU 416-3	6ES7 416-3XL00-0AB0	V1.2	S7 CPU; work memory 1.6MB code and 1.6MB data; 0.08 ms/kA; 16KB DI/O; 64 connections; 2*DP/MPI and 1 receptacle for IF submodules; equidistance, cross traffic; multicomputing capacity; routing
CPU 416-3	6ES7 416-3XL00-0AB0	V3.0	Work memory 1.6MB code and 1.6MB data; 0.08 ms/kA; 16KB DI/O; 64 connections; 2*DP/MPI and 1 receptacle for IF submodules; direct data exchange, equidistance; routing; multicomputing capacity, DPV1; Firmware V3.0
CPU 416-3	CPU 416-3	V3.1 *)	Work memory 1.6MB code and 1.6MB data; 0.08 ms/kA; 16KB DI/O; 64 connections; 2*DP/MPI and 1 receptacle for IF submodules; direct data exchange, equidistance; routing; multicomputing capacity, DPV1; Firmware V3.1

*) = Supports new PCS 7 V6.0 functionality

Product Name	MLFB	FW Version	Short Description
CPU 417-4	6ES7 417-4XL00-0AB0	V1.1	S7 CPU; work memory 2MB code and 2 MB data, (expandable up to 20 MB); 0.1 ms/kA; 16KB DI/O; 64 connections; 2*DP/MPI and 2 receptacles for IF submodules; multicomputing capacity; receive capacity for cross traffic; equidistance; routing; Firmware V1.1
CPU 417-4	6ES7 417-4XL00-0AB0	V1.2.0	S7 CPU; work memory 2MB code and 2 MB data, (expandable up to 20 MB); 0.1 ms/kA; 16KB DI/O; 64 connections; 2*DP/MPI and 2 receptacles for IF submodules; equidistance/cross traffic; multicomputing capacity; routing
CPU 417-4	6ES7 417-4XL00-0AB0	V3.0	Work memory 2MB code and 2 MB data, (expandable up to 20 MB); 0.1 ms/kA; 16KB DI/O; 64 connections; 2*DP/MPI and 2 receptacles for IF submodules; multicomputing capacity, receive capacity for direct data exchange, equidistance, routing, DPV1, Firmware V3.0
CPU 417-4	6ES7 417-4XL00-0AB0	V3.1 *)	Work memory 2MB code and 2 MB data, (expandable up to 20 MB); 0.1 ms/kA; 16KB DI/O; 64 connections; 2*DP/MPI and 2 receptacles for IF submodules; multicomputing capacity, receive capacity for direct data exchange, equidistance, routing, DPV1, Firmware V3.1
CPU 414-4H	6ES7 414-4HJ00-0AB0	V2.1.1 V2.1.2	Redundant; F capability, work memory 384kB code and 384 KB data; 0.1 ms/kA; 8kB DI/O; 32 connections; 2*DP/MPI and 2 receptacles for H-Sync submodules
CPU 414-4H	6ES7 414-4HJ00-0AB0	V3.0	Redundant; F capability, work memory 384kB code and 384 KB data; 0.1 ms/kA; 8kB DI/O; 32 connections; 2*DP/MPI and 2 receptacles for H-Sync submodules, direct data exchange, DPV1; Firmware V3.0
CPU 414-4H	6ES7 414-4HJ00-0AB0	V3.1.1 *)	Redundant; F capability, work memory 384kB code and 384 KB data; 0.1 ms/kA; 8kB DI/O; 32 connections; 2*DP/MPI and 2 receptacles for H-Sync submodules, direct data exchange, DPV1; Firmware V3.1
CPU 417-4H	6ES7 417-4HL00-0AB0	V2.0 V2.1.x	Redundant, work memory 2MB code and 2MB data; (expandable up to 20 MB); 0.1 ms/kA; 16KB DI/O; 64 connections; 2*DP/MPI and 2 receptacles for IF submodules, routing, Firmware V2.0
CPU 417-4H	6ES7 417-4HL01-0AB0	V2.1	Redundant, work memory 2MB code and 2MB data; (expandable up to 20 MB); 0.1 ms/kA; 16KB DI/O; 64 connections; 2*DP/MPI and 2 receptacles for H-Sync submodules, routing, Firmware V2.1
CPU 417-4H	6ES7 417-4HL01-0AB0	V2.1.1 V2.1.2	Redundant, work memory 2MB code and 2MB data; (expandable up to 20 MB); 0.1 ms/kA; 16KB DI/O; 64 connections; 2*DP/MPI and 2 receptacles for H-Sync submodules, routing, Firmware V2.1
CPU 417-4H	6ES7 417-4HL01-0AB0	V3.0	Redundant, F capability, work memory 2MB code and 2MB data; (expandable up to 20 MB); 0.1 ms/kA; 16KB DI/O; 64 connections; 2*DP/MPI and 2 receptacles for H-Sync submodules, direct data exchange, routing, DPV1, Firmware V3.0
CPU 417-4H	6ES7 417-4HL01-0AB0	V3.1.1 *)	Redundant, F capability, work memory 2MB code and 2MB data; (expandable up to 20 MB); 0.1 ms/kA; 16KB DI/O; 64 connections; 2*DP/MPI and 2 receptacles for H-Sync submodules, direct data exchange, routing, DPV1, Firmware V3.1

*) = Supports new PCS 7 V6.0 functionality

Product Name	MLFB	FW Version	Short Description
		IM	
IM 460-0	6ES7 460-0AA00-0AB0		Send IM, 3m, without voltage transmission, with communication bus
IM 460-0	6ES7 460-0AA01-0AB0		Send IM for central coupling up to 3m, without 5V voltage transmission, with communication bus
IM 460-1	6ES7 460-1BA00-0AB0		Send IM, 1.5m, with voltage transmission, without communication bus
IM 460-1	6ES7 460-1BA01-0AB0		Send IM for central coupling up to 1.5m; with voltage transmission, without communication bus
IM 460-3	6ES7 460-3AA00-0AB0		Send IM,100m, without voltage transmission, with communication bus
IM 460-3	6ES7 460-3AA01-0AB0		Send IM,100m, without voltage transmission, with communication bus
IM 460-4	6ES7 460-4AA01-0AB0		Send IM,600m, without voltage transmission, without communication bus
IM 461-0	6ES7 461-0AA00-0AA0		Receive IM for central coupling up to 3m, without voltage transmission, with communication bus
IM 461-0	6ES7 461-0AA01-0AA0		Receive IM for central coupling up to 3m, without voltage transmission, with communication bus
IM 461-1	6ES7 461-1BA00-0AA0		Receive IM, 1.5m, with 5V voltage transmission, without communication bus
IM 461-1	6ES7 461-1BA01-0AA0		Receive IM for central coupling up to 1.5m, with voltage transmission, without communication bus
IM 461-3	6ES7 461-3AA00-0AA0		Receive IM, 100m, without voltage transmission, with communication bus
IM 461-3	6ES7 461-3AA01-0AA0		Receive IM, 100m, without voltage transmission, with communication bus
IM 461-4	6ES7 461-4AA01-0AA0		Receive IM, 600m, without voltage transmission, with communication bus
IM 463-2	6ES7 463-2AA00-0AA0		Send IM, 600m, for the connection of S5-EG with IM314
		PS	
PS 405 10A	6ES7 405-0KA00-0AA0		Power supply 24VDC/10A
PS 405 10A	6ES7 405-0KA01-0AA0		PS 405, 24VDC 10A standard PS
PS 405 20A	6ES7 405-0RA01-0AA0		PS 405, 24VDC 20A standard PS
PS 405 10A	6ES7 405-0KR00-0AA0		PS 405, 24VDC 10A redundant PS
PS 407 10A	6ES7 407-0KA00-0AA0		Power supply 120/230VAC/10A
PS 407 10A	6ES7 407-0KA01-0AA0		PS 407, 120/230VAC 10A standard PS
PS 407 20A	6ES7 407-0RA01-0AA0		PS 407, 120/230VAC 20A standard PS
PS 407 10A	6ES7 407-0KR00-0AA0		PS 407, 120/230VAC 10A redundant PS
		Racks	
UR2	6ES7 400-1JA00-0AA0		Universal rack, 9 slots, not suitable for redundant power supply modules
UR2	6ES7 400-1JA01-0AA0		UR2; Universal rack, 9 slots
UR1	6ES7 400-1TA00-0AA0		Universal rack, 18 slots, not suitable for redundant power supply modules
UR1	6ES7 400-1TA01-0AA0		UR1; Universal rack, 18 slots
UR2-H	6ES7 400-2JA00-0AA0		Central rack, 18 slots, 2 segments (9+9), preferable for H systems

*) = Supports new PCS 7 V6.0 functionality

Product Name	MLFB	FW Version	Short Description
		SM - DI	
SM421 DI32x24VDC	6ES7 421-1BL00-0AA0		Digital input module; 32 DI, 24VDC, grouping 32
SM421 DI32x24VDC	6ES7 421-1BL01-0AA0		Digital input module; 32 DI, 24VDC, grouping 32
SM421 DI32x120VAC	6ES7 421-1EL00-0AA0		Digital input module; 32 DI, 120VUC, grouping 8
SM421 DI16x120/230VUC	6ES7 421-1FH00-0AA0		Digital input module; 16 DI, 120/230VUC, grouping 4
SM421 DI16x120/230VUC	6ES7 421-1FH20-0AA0		Digital input module; 16 DI, 120/230VUC, grouping 4, input caracteristic curve according to IEC 1131, Type
SM421 DI16x24VDC	6ES7 421-7BH00-0AB0		Digital input module; 16 DI, 24VDC, grouping 1, hardware and diagnostic interrupt, substitute values can be assigned as parameters
SM421 DI 16xDC 24V	6ES7 421-7BH01-0AB0		Digital input module; 16 DI, DC 24V, grouping 8, hardware and diagnostic interrupt, substitute values can be assigned as parameters
SM421 DI16x24/60VUC interrupt	6ES7 421-7DH00-0AB0		Digital input module; 16 DI, 24...60VUC, grouping 1, hardware and diagnostic interrupt
SM421 DI16x120VAC	6ES7 421-5EH00-0AA0		Digital input module; 16 DI, 120VAC, grouping 1, input caracteristic curve according to IEC 1131, Type
		SM - DO	
SM422 DO16x24VDC/2A	6ES7 422-1BH10-0AA0		Digital output module; DO 16x24V<dC/2A, grouping 8
SM422 DO16x24VDC/2A	6ES7 422-1BH11-0AA0		Digital output module; DO 16x24V<dC/2A, grouping 8
SM422 DO32x24VDC/0.5A	6ES7 422-1BL00-0AA0		Digital output module; DO 32x24VDC/0,5A, grouping 32
SM422 DO8x 120/230VAC/5A	6ES7 422-1FF00-0AA0		Digital output module; DO 8x120/230VAC/5A, grouping 1
SM422 DO16x120/230VAC/2A	6ES7 422-1FH00-0AA0		Digital output module; DO 16x120/230VAC/2A, grouping 4
SM422 DO16x 230VAC/5A Relais	6ES7 422-1HH00-0AA0		Digital output module; DO 16xrelay, 230VAC/60VDC/5A, grouping 4
SM422 DO32x 24VDC/0.5A	6ES7 422-7BL00-0AB0		Digital output module; 32 DO, 24VDC/0,5A, grouping 8, diagnostics, substitute values can be assigned as parameters
SM422 DO16x 120VAC/2A	6ES7 422-5EH00-0AB0		Digital output module 16DO, 120VAC/2A, diagnostics
SM422 DO16x 20-125VDC/1.5A	6ES7 422-5EH10-0AB0		Digital output module 16DO, 20-125VDC/1.5A, diagnostics, grouping 8
		SM - AI	
SM431 AI16x13 bits	6ES7 431-0HH00-0AB0		Analog input module; AI 16x13 bits, integration time 16.7/20ms
SM431 AI8 x 13 bits	6ES7 431-1KF00-0AB0		Analog input module AI 8x12+1 bits, integration time 16.7/20ms
SM431 AI8 x 14 bits	6ES7 431-1KF10-0AB0		Analog input module AI 8x13+1 bits, integration time 16.7/20ms; linearization (RTD/TC)
SM431 AI8 x 14 bits	6ES7 431-1KF20-0AB0		Analog input module AI 8x13+1 bits, conversion time 10us
SM431 AI16 x 16 bits	6ES7 431-7QH00-0AB0		Analog input module AI 16x15+1 bits, integration time 16.7/20ms; linearization (RTD/TC), diagnostics
SM431 AI8 x 16 bits	6ES7 431-7KF00-0AB0		Analog input module "TC/U" 8 channels, isolated per channel
SM431 AI8 x 16 bits	6ES7 431-7KF10-0AB0		Analog input module "RTD" 16 bits, 8 channels
		SM - AO	
SM432 AO8 x 13 bits	6ES7 432-1HF00-0AB0		Analog output module AO 8x13 bits, conversion time 420us, 0-10V/0-20mA

*) = Supports new PCS 7 V6.0 functionality