



SIMATIC

Process Control System PCS 7 Released Modules (V7.1 SP3)

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Legal information

Warning notice system

This manual contains notices you have to observe in order to ensure your personal safety, as well as to prevent damage to property. The notices referring to your personal safety are highlighted in the manual by a safety alert symbol, notices referring only to property damage have no safety alert symbol. These notices shown below are graded according to the degree of danger.

 DANGER
indicates that death or severe personal injury will result if proper precautions are not taken.
 WARNING
indicates that death or severe personal injury may result if proper precautions are not taken.
 CAUTION
with a safety alert symbol, indicates that minor personal injury can result if proper precautions are not taken.
CAUTION
without a safety alert symbol, indicates that property damage can result if proper precautions are not taken.
NOTICE
indicates that an unintended result or situation can occur if the corresponding information is not taken into account.

If more than one degree of danger is present, the warning notice representing the highest degree of danger will be used. A notice warning of injury to persons with a safety alert symbol may also include a warning relating to property damage.

Qualified Personnel

The product/system described in this documentation may be operated only by **personnel qualified** for the specific task in accordance with the relevant documentation for the specific task, in particular its warning notices and safety instructions. Qualified personnel are those who, based on their training and experience, are capable of identifying risks and avoiding potential hazards when working with these products/systems.

Proper use of Siemens products

Note the following:

 WARNING
Siemens products may only be used for the applications described in the catalog and in the relevant technical documentation. If products and components from other manufacturers are used, these must be recommended or approved by Siemens. Proper transport, storage, installation, assembly, commissioning, operation and maintenance are required to ensure that the products operate safely and without any problems. The permissible ambient conditions must be adhered to. The information in the relevant documentation must be observed.

Trademarks

All names identified by ® are registered trademarks of the Siemens AG. The remaining trademarks in this publication may be trademarks whose use by third parties for their own purposes could violate the rights of the owner.

Disclaimer of Liability

We have reviewed the contents of this publication to ensure consistency with the hardware and software described. Since variance cannot be precluded entirely, we cannot guarantee full consistency. However, the information in this publication is reviewed regularly and any necessary corrections are included in subsequent editions.

Product Name	MLFB	FW Version	Short Description	Properties			
				W	C	R	T

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 in RUN	X	X		08/00
ET200M-IM 153-1, extended environmental conditions	6ES7 153-1AA82-0XB0		IM 153-1, bus interface module for S7-300 SMs, extended environmental conditions	X	X		10/05
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 in RUN	X	X		
ET200M-IM 153-1, extended environmental conditions	6ES7 153-1AA83-0XB0		IM 153-1, bus interface module for S7-300 SMs, extended environmental conditions	X	X		11/03
ET200M-IM 153-2	6ES7 153-2AA01-0XB0		IM 153-2, bus interface module for S7-300 SMs, FMs (except FM356-4), module replacement in RUN	X	X		04/00
ET200M-IM 153-2	6ES7 153-2AA02-0XB0		IM 153-2, bus interface module for S7-300 SMs, FMs (except FM356-4), module replacement in RUN	X	X		06/04
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 in RUN, extension of process control functions.	X	S	X	07/06
ET200M-IM 153-2	6ES7 153-2BA01-0XB0	V4.x	IM 153-2, bus interface module for S7-300 SMs, FMs (without FM356-4), module replacement in RUN, extension of process control functions	X	S	X	
ET200M-IM 153-2	6ES7 153-2BA81-0XB0	V4.x	IM 153-2 Outdoor; bus interface module for S7-300 SMs, FMs (without FM356-4), module replacement in RUN, extension of process control functions	X	S	X	
ET200M-IM 153-2	6ES7 153-2BA02-0XB0	V5.x	IM 153-2, bus interface module for S7-300 SMs, FMs (except FM356-4), module replacement in RUN, extension of process control functions, supports operation of up to 12 I/O modules	X	S	X	
ET200M-IM 153-2	6ES7 153-2BA82-0XB0	V5.x	IM 153-2 Outdoor; bus interface module for S7-300 SMs, FMs (except FM356-4), module replacement in RUN, extension of process control functions, supports operation of up to 12 I/O modules	X	S	X	
ET200M-IM 153-2 FO	6ES7 153-2AB01-0XB0		IM 153-2 with FOC hardware, bus interface module for S7-300 SMs and FMs (without FM356-4), module replacement in RUN	X	X		01/03
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 in RUN, extension of process control functions.	X	S	X	
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 195-7HB00-0XA0		Active bus module for ET200M IM153; 2x40mm				
Bus Module	6ES7 195-7HC00-0XA0		Active bus module for ET200M IM153; 1x80mm				
Bus module	6ES7392-1AN00-0AA0		Active bus module for ET200M IM153 for 64-channel Dx-modules				
Bus module	6ES7392-1BN00-0AA0		Active bus module for ET200M IM153 for 64-channel Dx-modules				
BM IM/IM	6ES7 195-7HD00-0XA0		Active bus module ET200M IM 153; IM/IM for redundant IM operation				07/04
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		Fail-safe partition bus module for ET200M				
F Partition bus module	6ES7 195-7KF00-0XA0		Fail-safe partition bus module for ET200M				

Refer to the manual "SIMATIC Distributed I/O Device ET 200M" for information about valid combinations of interfaces, bus modules and of available functions.

Properties:

W = Module wizard: X = Supported

C = CiR support: X = Station insertion/removal by means of CiR is supported; S = Station can be reprogrammed in "online" mode; M = Module insertion/removal by means of CiR is supported; O = Module can be reprogrammed in "online" mode;

R = Redundant I/O: X = Supported A = Redundant connection possible

M = module-specific; C = channel-specific

T = Type discontinued: at specified date

Product Name	MLFB	FW Version	Short Description	Properties			
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Refer to the manual SIMATIC Bus Coupling DP/PA Link and Y link for information on valid combinations of interfaces, couplers, bus modules and on available functions.

Properties:

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OLM							
PROFIBUS OLM P11	6GK1 503-2CA00	V4.x	SIMATIC NET, PB OLM/P11 V4.0 OPTICAL LINK MODULE W. 1 RS485 AND 1 PLASTIC-FOC-INTERFACE (2 BFOC-SOCKETS), WITH SIGNAL-CONTACT AND MEASURING OUTPUT, 2 BFOC-CONNECTORS INCLUDED				
PROFIBUS OLM P12	6GK1 503-3CA00	V4.x	SIMATIC NET, PB OLM/P12 V4.0 OPTICAL LINK MODULE W. 1 RS485 AND 2 PLASTIC-FOC-INTERFACE (4 BFOC-SOCKETS), WITH SIGNAL-CONTACT AND MEASURING OUTPUT, 4 BFOC-CONNECTORS INCLUDED				
PROFIBUS OLM G11	6GK1 503-2CB00	V4.x	SIMATIC NET, PB OLM/G11 V4.0 OPTICAL LINK MODULE W. 1 RS485 AND 1 GLASS-FOC-INTERFACE (2 BFOC-SOCKETS); WITH SIGNAL-CONTACT AND MEASURING OUTPUT				
PROFIBUS OLM G12	6GK1 503-3CB00	V4.x	SIMATIC NET, PROFIBUS OLM/G12 V4.0 OPTICAL LINK MODULE W. 1 RS485 AND 2 GLASS-FOC-INTERFACES (4 BFOC-SOCKETS) FOR STANDARD DISTANCES UP TO 2850 M, WITH WITH SIGNAL-CONTACT AND MEASURING OUTPUT				
PROFIBUS OLM G12-EEC	6GK1 503-3CD00	V4.x	SIMATIC NET, PB OLM/G12-EEC V4.0 OPTICAL LINK MODULE W. 1 RS485 AND 2 GLASS-FOC-INTERFACES (4 BFOC-SOCKETS) FOR EXTENDED TEMPERATURE RANGE -20...+60 DGR				
PROFIBUS OLM G11-1300	6GK1 503-2CC00	V4.x	SIMATIC NET, PB OLM/G11-1300V4.0 OPTICAL LINK MODULE W. 1 RS485 AND 1 GLASS-FOC-INTERFACE (2 BFOC-SOCKETS), 1300NM WAVE LENGTH FOR GREAT DISTANCES WITH SIGNAL-CONTACT AND MEASURING OUTPUT				
PROFIBUS OLM G12-1300	6GK1 503-3CC00	V4.x	SIMATIC NET, PB OLM/G12-1300 V4.0 OPTICAL LINK MODULE W. 1 RS485 AND 2 GLASS-FOC-INTERFACES (4 BFOC-SOCKETS), 1300NM WAVE LENGTH FOR GREAT DISTANCES WITH SIGNAL-CONTACT AND MEASURING OUTPUT				

Properties:

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R = Redundant I/O: X = Supported A = Redundant connection possible
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ET 200iS							
AI							
2 AI 2 WIRE	6ES7 134-5RB00-0AB0		Analog input module AI 2xI, 2-wire-MU (0..20 mA / 12 bits + sign, 4..20 mA/ 12 bits)	X			
2 AI 4 WIRE	6ES7 134-5RB50-0AB0		Analog input module AI 2xI, 4-wire-MU (0..20mA / 12 bits, 4..20 mA/ 12bit)	X			
2 AI TC	6ES7 134-5SB00-0AB0		Analog input module AI 2xTC / 15 bits + sign, standard, thermocouples: E, N, J, K, L, S, R, B, T, U	X			
2 AI RTD	6ES7 134-5SB50-0AB0		Analog input module AI 2xRTD / 15 bits + sign, Standard, R: 600 ohms; RTD: Pt100, Ni100	X			
2 AI 2 WIRE HART	6ES7 134-5TB00-0AB0		Analog input module AI2x4..20mA, with HART communication for the connection of 2-wire MU	X			
2 AI 4 WIRE HART	6ES7 134-5TB50-0AB0		Analog input module 2AI 4..20 mA, with HART communication for the connection of 4-wire MU	X			
AO							
2 AO 0/4-20mA	6ES7 135-5RB00-0AB0		Analog output module 2AO 0..20 mA / 12 bits + sign, 4..20mA/ 12 bits)	X			
2 AO HART	6ES7 135-5TB00-0AB0		Analog output module 2AO 4..20 mA, with HART communication	X			
DI							
4 DI NAMUR	6ES7 131-5RD00-0AB0		Digital input module 4DI NAMUR	X			
DO							
2 DO	6ES7 132-5SB00-0AB0		Digital output module 2DO 25 VDC/25 mA	X			
IM							
ET200iS-IM151-2	6ES7 151-2AA00-0AB0		Interface module for ET 200iS electronic modules for intrinsically safe PROFIBUS-DP	X	X		
PS							
PS	6ES7 138-5EA00-0AA0		Power supply for ET 200iS				
TM							
TM-E30S-44iS	6ES7 193-5CB00-0AA0		Terminal module for EMs, 4 terminal strips, screw terminals				
TM-E30C-44iS	6ES7 193-5CB10-0AA0		Terminal module for EMs, 4 terminal strips, spring-loaded terminals				
TM-PS-iS	6ES7 193-5DA00-0AA0		Terminal module for PS				
TM-IM-iS	6ES7 193-5DB00-0AA0		Terminal module for IM 151-2				

ET 200iSP							
AI							
4 AI I 2WIRE HART	6ES7 134-7TD00-0AB0		Analog input module, 4AI 4..20 mA, with HART communication for the connection of 2-wire MU	X	M		
4 AI I 4WIRE HART	6ES7 134-7TD50-0AB0		Analog input module 4AI 4..20 mA, with HART communication for the connection of 4-wire MU	X	M		
4 AI TC	6ES7 134-7SD00-0AB0		Analog input module AI 4xTC	X	M		
4 AI RTD	6ES7 134-7SD50-0AB0		Analog input module AI 4xRTD	X	M		
4 AI RTD	6ES7 134-7SD51-0AB0		Analog input module AI 4xRTD	X	M		
4 F-AI 4x0/4...20mA, HART	6ES7 138-7FA00-0AB0		Analog input module F-AI 4x0/4...20mA, HART, safety-oriented, Ex i	X			

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Product Name	MLFB	FW Version	Short Description	Properties			
				W	C	R	T

ET 200iSP							
AO							
4 AO I HART	6ES7 135-7TD00-0AB0		Analog input module 4AO 4...20 mA, with HART communication	X	M		
DI							
8 DI NAMUR	6ES7 131-7RF00-0AB0		Digital input module 8DI NAMUR	X	M		
8 F-DI NAMUR	6ES7 138-7FN00-0AB0		Digital input module, F-DI 8 NAMUR, safety-oriented, Ex i	X			
DO							
4 DO DC23.1V/20mA	6ES7 132-7RD00-0AB0		Digital output module 4DO 23.1 VDC/20 mA	X	M		10/06
4 DO DC23.1V/20mA Shutdown "H"	6ES7 132-7RD01-0AB0		Digital output module 4DO 23.1 VDC/20 mA Shutdown "H"	X	M		
4 DO DC17.4V/27mA	6ES7 132-7RD10-0AB0		Digital output module 4DO 17.4 VDC/27 mA	X	M		10/06
4 DO DC17.4V/27mA Shutdown "H"	6ES7 132-7RD11-0AB0		Digital output module 4DO 17.4 VDC/27 mA Shutdown "H"	X	M		
4 DO DC17.4V/40mA	6ES7 132-7RD20-0AB0		Digital output module 4DO 17.4 VDC/40 mA	X	M		10/06
4 DO DC17.4V/40mA Shutdown "H"	6ES7 132-7RD21-0AB0		Digital output module 4DO 17.4 VDC/40 mA Shutdown "H"	X	M		
4 DO DC17.4V/40mA Shutdown "H"	6ES7 132-7RD22-0AB0		Digital output module 4DO 17.4 VDC/40 mA Shutdown "H"	X	M		
4 DO DC23.1V/20mA Shutdown "L"	6ES7 132-7GD00-0AB0		Digital output module 4DO 23.1 VDC/20 mA Shutdown "L"	X	M		
4 DO DC17.4V/27mA Shutdown "L"	6ES7 132-7GD10-0AB0		Digital output module 4DO 17.4 VDC/27 mA Shutdown "L"	X	M		
4 DO DC17.4V/40mA Shutdown "L"	6ES7 132-7GD20-0AB0		Digital output module 4DO 17.4 VDC/40 mA Shutdown "L"	X	M		
4 DO DC17.4V/40mA Shutdown "L"	6ES7 132-7GD21-0AB0		Digital output module 4DO 17.4 VDC/40 mA Shutdown "L"	X	M		
4 DO DC25.5V/22mA Shutdown "L"	6ES7 132-7GD30-0AB0		Digital output module 4DO 25.5 VDC/22 mA Shutdown "L"	X	M		
2 DO relays UC60V/2A	6ES7 132-7HB00-0AB0		Digital output module DO 2 x relay UC60V/2A	X	M		
4 F-DO 4x17.4V/40mA	6ES7 138-7FD00-0AB0		Digital output module, F-DO 4x17.4V/40mA, P switching, safety-oriented, Ex i	X			
IM							
ET200iSP-IM152-1	6ES7 152-1AA00-0AB0		Interface module for ET 200iSP electronic modules for intrinsically safe PROFIBUS DP	X	S		
ET200iSP-IM152-1	6ES7 152-1AA00-0AB0	V2.0.	Interface module for ET 200iSP Electronic module for intrinsically safe PROFIBUS DP, redundant operation in H systems supported	X	S		
PS							
PS DC 24V	6ES7 138-7EA00-0AA0		Power supply module for ET 200iSP				07/06
PS DC 24V	6ES7 138-7EA01-0AA0		Power supply module for ET 200iSP				
PS AC 120/230V	6ES7 138-7EC00-0AA0		Power supply module for ET 200iSP				
EM							
EM Standby module	6ES7 138-7AA00-0AA0		Standby module for unused slots				
Watchdog							
Watchdog module	6ES7 138-7BB00-0AB0		Special module for station monitoring	X	M		
Coupler							
RS 485-IS Coupler	6ES7972-0AC80-0XA0		Fieldbus coupler for interfacing PROFIBUS DP and RS 485-IS, for controlling intrinsically safe Profibus nodes. Installation in Zone 2 is possible. Extended temperature range. Protection class IP20				
TM							
TM-EM/EM 60 S	6ES7 193-7CA00-0AA0		Terminal module for 2 EMs, screw terminals				
TM-EM/EM 60 C	6ES7 193-7CA10-0AA0		Terminal module for 2 EMs, spring-loaded terminals				
TM-EM relays C	6ES7193-7CB00-0AA0		Terminal module EM relays, screw terminals				
TM-IM/EM 60 S	6ES7 193-7AA00-0AA0		Terminal module for IM/EM, screw terminals				
TM-IM/EM 60 C	6ES7 193-7AA10-0AA0		Terminal module for IM/EM, spring-loaded terminals				
TM-IM/IM	6ES7 193-7AB00-0AA0		Terminal module for redundant IM				
TM-PS-A	6ES7 193-7DA00-0AA0		Terminal module for power supply				
TM-PS-B	6ES7 193-7DB00-0AA0		Terminal module for redundant power supply				
TM-PS-A	6ES7 193-7DA10-0AA0		Terminal module for power supply				
TM-PS-B	6ES7 193-7DB10-0AA0		Terminal module for redundant power supply				

Properties:

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R = Redundant I/O: X = Supported A = Redundant connection possible

M = module-specific; C = channel-specific

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Product Name	MLFB	FW Version	Short Description	Properties			
				W	C	R	T

ET 200S							
AI							
2 AI V	6ES7 134-4FB00-0AB0		Analog input module AI 2xV (+/-5 V, 1V to 5 V, +/-10 V) / 13 bits, standard	X			07/05
2 AI V	6ES7 134-4FB01-0AB0	1)	Analog input module AI 2xV (+/-5 V, 1V to 5 V, +/-10 V) / 13 bits, standard	X			
2 AI I 2DMU	6ES7 134-4GB00-0AB0		Analog input module AI 2xl, 2-wire MU (4..20 mA) / 13 bits, standard	X			04/05
2 AI I 2DMU	6ES7 134-4GB01-0AB0	1)	Analog input module AI 2xl, 2-wire MU (4..20 mA) / 13 bits, standard	X			
2 AI I 4DMU	6ES7 134-4GB10-0AB0		Analog input module AI 2xl, 4-wire MU (+/-20 mA, 4..20 mA) / 13 bits, standard	X			05/05
2 AI I 4DMU	6ES7 134-4GB11-0AB0	1)	Analog input module AI 2xl, 4-wire MU (+/-20 mA, 4..20 mA) / 13 bits, standard	X			
2 AI I TC	6ES7 134-4JB00-0AB0		Analog input module AI 2xTC / 15 bits, standard	X			
2 AI I TC	6ES7 134-4JB01-0AB0		Analog input module AI 2xTC / 15 bits, standard	X			
2 AI I RTD	6ES7 134-4JB50-0AB0		Analog input module AI 2xRTD / 15 bits, standard	X			
2 AI I RTD	6ES7 134-4JB51-0AB0		Analog input module AI 2xRTD / 15 bits, standard	X			
2 AI V	6ES7 134-4LB00-0AB0		Analog input module AI 2xV (+/-5 V, 1V to 5 V, +/- 10 V) / 15 bits, high resolution	X			06/06
2 AI V	6ES7 134-4LB02-0AB0		Analog input module AI 2xV (+/-5 V, 1V to 5 V, +/- 10 V) / 15 bits, high resolution	X			
2 AI I	6ES7 134-4MB00-0AB0		Analog input module AI 2xl (+/-20 mA, 4..20 mA) / 15 bits, high resolution	X			06/06
2 AI I	6ES7 134-4MB02-0AB0		Analog input module AI 2xl (+/-20 mA, 4..20 mA) / 15 bits, high resolution	X			
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	X			09/05
2 AI I TC High Feature	6ES7 134-4NB01-0AB0		2 AI I TC High Feature; analog input module AI 2xTC / 15 bits, high feature	X			
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	X			11/05
2 AI I RTD High Feature	6ES7 134-4NB51-0AB0		2 AI I RTD High Feature; analog input module AI 2xRTD / 15 bits, high feature	X			
AO							
2 AO V	6ES7 135-4FB00-0AB0		Analog output module AO 2xV (1 V to 5 V / 12 bits, +/- 10 V / 13 bits), standard	X			05/05
2 AO V	6ES7 135-4FB01-0AB0		Analog output module AO 2xV (1 V to 5 V / 12 bits, +/- 10 V / 13 bits), standard	X			
2 AO I	6ES7 135-4GB00-0AB0		Analog output module AO 2xl (+/-20 mA, 4..20 mA) / 13 bits, standard	X			05/05
2 AO I	6ES7 135-4GB01-0AB0		Analog output module AO 2xl (+/-20 mA, 4..20 mA) / 13 bits, standard	X			
2 AO V	6ES7 135-4LB00-0AB0		Analog output module AO 2xV (1 V to 5 V, +/-10 V) / 15 bits, high resolution	X			08/03
2 AO V	6ES7 135-4LB01-0AB0		Analog output module AO 2xV (1 V to 5 V, +/- 10V) / 15 bits, high resolution, isochronous mode supported.	X			06/06
2 AO V	6ES7 135-4LB02-0AB0		Analog output module AO 2xV (1 V to 5 V, +/-10V) / 15 bits, high resolution, isochronous mode supported.	X			
2 AO I	6ES7 135-4MB00-0AB0		Analog output module AO 2xl (+/-20 mA, 4..20 mA) / 15 bits, high resolution	X			08/03
2 AO I	6ES7 135-4MB01-0AB0		Analog output module AO 2xl (+/-20 mA, 4..20 mA) / 15 bits, high resolution, isochronous mode supported.	X			06/06
2 AO I	6ES7 135-4MB02-0AB0		Analog output module AO 2xl (+/-20 mA, 4..20 mA) / 15 bits, high resolution, isochronous mode supported.	X			

Properties:

W = Module wizard:

X = Supported

C = CiR support:

X = Station insertion/removal by means of CiR is supported; S = Station can be reprogrammed in "online" mode; M = Module insertion/removal by means of CiR is supported; O = Module can be reprogrammed in "online" mode;

R = Redundant I/O:

X = Supported A = Redundant connection possible

T = Type discontinued:

M = module-specific; C = channel-specific

at specified date

Product Name	MLFB	FW Version	Short Description	Properties			
				W	C	R	T

DI							
2 DI DC24V	6ES7 131-4BB00-0AA0		2 DI DC24V; digital input module 2DI 24 VDC, standard	X			04/05
2 DI DC24V	6ES7 131-4BB01-0AA0		2 DI DC24V; digital input module 2DI 24 VDC, standard	X			
4 DI DC24V	6ES7 131-4BD00-0AA0		4 DI DC24V; digital input module 4DI 24 VDC, standard	X			04/05
4 DI DC24V	6ES7 131-4BD01-0AA0		4 DI DC24V; digital input module 4DI 24 VDC, standard	X			
2 DI DC24V High Feature	6ES7 131-4BB00-0AB0		Digital input module 2DI 24 VDC, High Feature; with diagnostics function	X			06/05
2 DI DC24V High Feature	6ES7 131-4BB01-0AB0		Digital input module 2DI 24 VDC, High Feature; with diagnostics function	X			
4 DI DC24V High Feature	6ES7 131-4BD00-0AB0		Digital input module 4DI 24 VDC, High Feature; with diagnostics function	X			05/05
4 DI DC24V High Feature	6ES7 131-4BD01-0AB0		Digital input module 4DI 24 VDC, High Feature; with diagnostics function	X			
8 DI DC24V High Speed	6ES7 131-4BF00-0AA0		Digital input module 8DI 24 VDC, supports isochronous mode	X			
4DI	6ES7 131-4CD00-0AB0		4DI; digital input module 4 DI 24 V UC to 48V UC, High Feature; with diagnostics function	X			
4 DI UC 24...48V HF	6ES7 131-4CD02-0AB0		4DI; digital input module 4 DI 24 V UC to 48V UC, High Feature; with diagnostics function	X			
2 DI AC 120V	6ES7 131-4EB00-0AB0		2 DI AC 120V, digital input module 2DI 120 VAC	X			
2 DI AC 230V	6ES7 131-4FB00-0AB0		2 DI AC 230V; digital input module 2DI 120 VAC	X			
4 DI NAMUR	6ES7 131-4RD00-0AB0		4 DI NAMUR; with diagnostics function	X			10/10
4 DI NAMUR	6ES7 131-4RD02-0AB0		4 DI DC 24V NAMUR; with diagnostics function	X			
4/8 F-DI DC 24V	6ES7 138-4FA00-0AB0		8 DI DC 24V; digital input module 4/8DI 24 VDC, 8 DI safety-oriented SIL-2 or 4 DI safety-oriented SIL-3, with diagnostics function	X			06/04
4/8 F-DI DC 24V	6ES7 138-4FA01-0AB0		8 DI DC 24V; digital input module 4/8DI 24 VDC, 8 DI safety-oriented SIL-2 or 4 DI safety-oriented SIL-3, with diagnostics function	X			10/05
4/8 F-DI DC 24V	6ES7 138-4FA02-0AB0		8 DI DC 24V; digital input module 4/8DI 24 VDC, 8 DI safety-oriented SIL-2 or 4 DI safety-oriented SIL-3, with diagnostics function	X			01/07
4/8 F-DI DC 24V	6ES7 138-4FA03-0AB0		8 DI DC 24V; digital input module 4/8DI 24 VDC, 8 DI safety-oriented SIL-2 or 4 DI safety-oriented SIL-3, with diagnostics function	X			
4/8 F-DI DC 24V	6ES7 138-4FA04-0AB0		8 DI DC 24V; digital input module 4/8DI 24 VDC, 8 DI safety-oriented SIL-2 or 4 DI safety-oriented SIL-3, with diagnostics function	X			

Properties:

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X = Supported A = Redundant connection possible

M = module-specific; C = channel-specific

T = Type discontinued: at specified date

Product Name	MLFB	FW Version	Short Description	Properties			
				W	C	R	T
DO							
2 DO DC24V/0.5A	6ES7 132-4BB00-0AA0		2DO DC24V/0.5 A; digital output module 2DO 24 VDC/0.5 A, standard	X			04/05
2 DO DC24V/0.5A	6ES7 132-4BB01-0AA0		2 DO DC24V/0.5A; digital output module 2DO 24 VDC/0.5 A, standard	X			
2 DO DC24V/2A	6ES7 132-4BB30-0AA0		2 DO DC24V/2A; digital output module 2DO 24 VDC/2 A, standard	X			04/05
2 DO DC24V/2A	6ES7 132-4BB31-0AA0		2 DO DC24V/2A; digital output module 2DO 24 VDC/2 A, standard	X			
2 DO DC24V/0.5A High Feature	6ES7 132-4BB00-0AB0		Digital output module 2DO 24 VDC/0.5 A, High Feature, with diagnostics function	X			09/05
2 DO DC24V/0.5A High Feature	6ES7 132-4BB01-0AB0		Digital output module 2DO 24 VDC/0.5 A, High Feature, with diagnostics function	X			
2 DO DC24V/2A High Feature	6ES7 132-4BB30-0AB0		Digital output module 2DO 24 VDC/2 A, High Feature with diagnostics function	X			07/05
2 DO DC24V/2A High Feature	6ES7 132-4BB31-0AB0		Digital output module 2DO 24 VDC/2 A, High Feature with diagnostics function	X			
4 DO DC24V/0.5A	6ES7 132-4BD00-0AA0		4 DO DC24V/0.5A; digital output module 4DO 24 VDC/0.5 A, standard	X			05/05
4 DO DC24V/0.5A High Feature	6ES7 132-4BD00-0AB0		4 DO DC24V/0.5A; digital output module 4DO 24 VDC/0.5 A, High Feature, with diagnostics function	X			
4 DO DC24V/0.5A	6ES7 132-4BD01-0AA0		4 DO DC24V/0.5A; digital output module 4DO 24 VDC/0.5 A, standard	X			
4 DO DC24V/0.5A	6ES7 132-4BD02-0AA0		4 DO DC24V/0.5A; digital output module DO 4xDC24V/0.5A, standard	X			
4 DO DC24V/2A	6ES7 132-4BD30-0AA0		4 DO DC24V/2A; digital output module 4DO 24 VDC/2 A, standard	X			04/05
4 DO DC24V/2A High Feature	6ES7 132-4BD30-0AB0		4 DO DC24V/2A; digital output module 4DO 24 VDC/2 A, High Feature, with diagnostics function	X			
4 DO DC24V/2A	6ES7 132-4BD31-0AA0		4 DO DC24V/2A; digital output module 4DO 24 VDC/2 A, standard	X			05/07
4 DO DC24V/2A	6ES7 132-4BD32-0AA0		4 DO DC24V/2A; digital output module 4DO 24 VDC/2 A, standard	X			
8 DO DC24V/0.5A High Speed	6ES7 132-4BF00-0AA0		8 DO DC24V/0.5A; digital output module DO 8xDC24V/0.5A, supports isochronous mode	X			
8 DO DC24V/0.5A High Feature	6ES7 132-4BF00-0AB0		8 DO DC24V/0.5A; digital output module DO 8xDC24V/0.5A, supports isochronous mode, High Feature, with diagnostics function	X			
2 DO AC 120/230V/ 1A	6ES7 132-4FB00-0AB0		2 DO AC 120/230V/ 1A; digital output module 2DO 120 VAC/230 VAC, 1 A	X			01/07
2 DO AC 120/230V/ 1A	6ES7 132-4FB01-0AB0		2 DO AC 120/230V/ 1A; digital output module 2DO 120 VAC/230 VAC, 1 A	X			
2 DO Rel. 24..230V/5A	6ES7 132-4HB00-0AB0		2 DO Rel. 24..230V/5A; digital output module 2xRel. UC 24 V to 230 V/5 A	X			04/05
2 DO Rel. 24..230V/5A	6ES7 132-4HB01-0AB0		2 DO Rel. 24..230V/5A; digital output module 2xrel. UC 24 V to 230 V/5 A	X			
2 DO Rel. 24..230V/5A	6ES7 132-4HB10-0AB0		2 DO Rel. 24..230V/5A; digital output module 2xRel. design C, UC 24 V to 230 V/5 A	X			
2 DO Rel. 24..230V/5A	6ES7 132-4HB12-0AB0		2 DO Rel. 24..230V/5A; digital output module 2xRel. design C, UC 24 V to 230 V/5 A	X			
4 DO DC 24V/2A	6ES7 138-4FB00-0AB0		4 DO DC 24V/2A; digital output module 4DO 24 VDC/2 A, safety-oriented up to SIL-3, with diagnostics function, PM switching	X			06/04
4 DO DC 24V/2A	6ES7 138-4FB01-0AB0		4 DO DC 24V/2A; digital output module 4DO 24 VDC/2 A, safety-oriented up to SIL-3, with diagnostics function, PM switching	X			10/05
4 DO DC 24V/2A	6ES7 138-4FB02-0AB0		4 DO DC 24V/2A; digital output module 4DO 24 VDC/2 A, safety-oriented up to SIL-3, with diagnostics function, PM switching	X			
4 DO DC 24V/2A	6ES7 138-4FB03-0AB0		4 DO DC 24V/2A; digital output module DO 4xDC24V/2A, safety-oriented up to SIL-3, with diagnostics function, PM switching	X			
FM							
Counter module, 24 V/100 kHz	6ES7138-4DA04-0AB0		Counter module, 24 V/100 kHz for single, infinite and periodic counting, supports isochronous mode; (only counting mode and measuring mode are permitted in PCS 7)	X			

Properties:

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R = Redundant I/O:

X = Supported

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Product Name	MLFB	FW Version	Short Description	Properties			
				W	C	R	T
IM							
IM151-1	6ES7 151-1BA00-0AB0		Interface module IM151-1 for ET 200S, High Feature	X	X		10/05
IM151-1	6ES7 151-1BA01-0AB0		Interface module IM151-1 for ET 200S, high feature	X	X		03/07
IM151-1	6ES7 151-1BA02-0AB0		Interface module IM151-1 for ET 200S, high feature	X	X		
PM							
PM-E DC24V	6ES7 138-4CA00-0AA0		Power module PM-E, 24 VDC, with diagnostics function	X			04/05
PM-E DC24V	6ES7 138-4CA01-0AA0		Power module PM-E, 24 VDC, with diagnostics function	X			
PM-E DC24V HF	6ES7 138-4CA60-0AB0		Power module PM-E, 24 VDC, with diagnostics function, high feature	X			
PM-E DC24V/ AC120/230V	6ES7 138-4CB10-0AB0		PM-E DC24V/ AC120/230V; with diagnostics function and fuse	X			11/06
PM-E DC24V..48/ AC24..230V	6ES7 138-4CB11-0AB0		PM-E DC24..48V/ AC24..230V; with diagnostics function and fuse	X			
PM-E F pm DC24V	6ES7 138-4CF00-0AB0		Power module PM-E, 24 VDC, safety-oriented with 2DO 24 VDC PM potential with diagnostics function	X			06/04
PM-E F pm DC24V	6ES7 138-4CF01-0AB0		Power module PM-E, 24 VDC, safety oriented with 2DO 24 V PM switching; with diagnostics function	X			10/05
PM-E F pm DC24V	6ES7 138-4CF02-0AB0		Power module PM-E, 24 VDC, safety-oriented, with 2DO 24 V PM switching; with diagnostics function	X			
PM-E F pm DC24V	6ES7 138-4CF03-0AB0		Power module PM-E, 24 VDC, safety-oriented, with 2DO 24V PM switching; with diagnostics function	X			
PM-E DC24V	6ES7 138-4CF42-0AB0		Power module PM-E, 24 VDC, safety-oriented, PP switching; with diagnostics function	X			
PM-D DC24V	3RK1 903-0BA00		PM-D DC24V; power module; PM-D; 2x24 VDC	X			
PM-D F1 SIGUARD	3RK1 903-1BA00		PM-D F1 SIGUARD; power module; EMERGENCY STOP; monitored start; 2 channels	X			
PM-D F2 SIGUARD	3RK1 903-1BB00		PM-D F2 SIGUARD; power module; protective door; auto start; 2 channel	X			
PM-D F4 SIGUARD	3RK1 903-1BC00		PM-D F4 SIGUARD; power module; expansion to F1/2 for further potential group	X			
PM-D F3 SIGUARD	3RK1 903-1BD00		PM-D F3 SIGUARD; power module; expansion to F1/2 for further potential group; time delay	X			
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	X			
PM-X SIGUARD	3RK1 903-1CB00		PM-X, connection module for power supply contactor; external safety circuits	X			
PM-D F PROFIsafe	3RK1 903-3BA00		Power module PROFIsafe; PM-D F PROFIsafe; for 6 switching modules; safety-oriented	X			
PM-D F PROFIsafe	3RK1 903-3BA01		Power module PROFIsafe; PM-D F PROFIsafe; for 6 switching modules; safety-oriented	X			
PM-D F PROFIsafe	3RK1 903-3BA02		Power module PROFIsafe; PM-D F PROFIsafe; for 6 switching modules; safety-oriented	X			
F-CM	3RK1 903-3CA00		Contact Multiplier F-CM; extension to PM-D F PROFIsafe; contact multiplier	X			
PM-D F X1	3RK1 903-3DA00		Power/extension module PM-D F X1; overvoltage protection, for the input of external emergency OFF signals; for 6 switching modules	X			

Properties:

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Product Name	MLFB	FW Version	Short Description	Properties			
				W	C	R	T

TM							
TM-E15x26-A1	6ES7 193-4CAx0-0AA0		Terminal module for electronic modules; AUX busbar to next potential group on left; terminal connection to AUX1 potential				
TM-E15x24-A1	6ES7 193-4CAx0-0AA0		Terminal module for electronic modules; AUX busbar to next potential group on left; terminal connection to AUX1 potential				
TM-E15x24-01	6ES7 193-4CBx0-0AA0		Terminal module for electronic modules; AUX busbar to next potential group on left; no terminal connection to AUX1 potential				
TM-E15x23-01	6ES7 193-4CBx0-0AA0		Terminal module for electronic modules; AUX busbar to next potential group on left; no terminal connection to AUX1 potential				
TM-E15x24-AT	6ES7 193-4CLx0-0AA0		Terminal module for electronic modules 2 AI TC HF; AUX busbar to next potential group on left; no terminal connection to AUX1 potential				
TM-E30x46-A1	6ES7 193-4CFx0-0AA0		Terminal module for electronic modules; AUX busbar to next potential group on left; terminal connection to AUX1 potential				
TM-E30x44-01	6ES7 193-4CGx0-0AA0		Terminal module for electronic modules; AUX busbar to next potential group on left; no terminal connection to AUX1 potential				
TM-P15x23-A1	6ES7 193-4CCx0-0AA0		Terminal module for power modules; AUX busbar to next potential group on left; terminal connection to AUX1 potential				
TM-P15x23-A0	6ES7 193-4CDx0-0AA0		Terminal module for power modules; interrupted AUX rail to next potential group on left; terminal connection to AUX1 potential				
TM-P15x22-01	6ES7 193-4CEx0-0AA0		Terminal module for power modules; AUX busbar to next potential group on left; no terminal connection to AUX1 potential				
TM-P30x44-A0	6ES7 193-4CKx0-0AA0		Terminal module for fail-safe power modules PM-E F; interrupted AUX busbar to next potential group on left; terminal connection to AUX1 potential				
TM-P15S27-01	3RK1 903-0AA00		Terminal module for power module PM-D with protective cover				
TM-PF30S47-B1	3RK1 903-1AA00		Terminal module SIGUARD PM-D F 1.2 for potential group, supply voltage U1 and U2, sensor connector				
TM-PF30S47-B0	3RK1 903-1AA10		Terminal module SIGUARD PM-D F 1.2 for potential subgroup, sensor connector				
TM-PF30S47-C1	3RK1 903-1AC00		Terminal module SIGUARD PM-D F 3.4 for potential group, supply voltage U2				
TM-PF30S47-C0	3RK1 903-1AC10		Terminal module SIGUARD PM-D F 3.4 for potential subgroup, supply voltage U2				
TM-PF30S47-D0	3RK1 903-1AD10		Terminal module SIGUARD PM-D F 5 for contact multiplier				
TM-X15 S27-01	3RK1 903-1AB00		Terminal module for connection module PM-X connection unit for power supply relay				
TM-PF30S47-F1	3RK1 903-3AA00		Terminal module for fail-safe power modules PM-D F; AUX busbar to next potential group on left; no terminal connection to AUX1 potential				
TM-FCM30S47-E0	3RK1 903-3AB10		Terminal module for F-CM; with U1 loop				
TM-PFX30S47-G1	3RK1 903-3AE00		Terminal module for PM-D F X1; for potential group; no U1 supply voltage from left				
TM-PFX30S47-G0	3RK1 903-3AE10		Terminal module for PM-D F X1; for potential group; U1 supply voltage from left				

Properties:

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at specified date

Product Name	MLFB	FW Version	Short Description	Properties			
				W	C	R	T
Motor Starter							
DS1e-x 0.3 - 3 A High Feature	3RK1 301-0AB10-0AA2		DS1e-x 0.3 - 3 A; direct starter; mechanical switching; electronic overload protection; no fuse protection up to 1.1 KW/400 V; 0.30 A to 3.00 A. Options: brake control module, control module; High Feature	X			05/04
DS1e-x 0.3 - 3 A High Feature	3RK1 301-0AB10-0AA3		DS1e-x 0.3 - 3 A; direct starter; mechanical switching; electronic overload protection; no fuse protection up to 1.1 KW/400V; 0.30 A to 3.00 A. Options: brake control module, control module; switch ES; High Feature	X			
DS1e-x 0.3 - 3 A High Feature	3RK1 301-0AB10-0AA4		DS1e-x 0.3 - 3 A; direct starter; mechanical switching; electronic overload protection; no fuse protection; to 1.1 KW/400 V; 0.30 A to 3.00 A. Options: brake control module, control module; switch ES; High Feature; programmable power switch message	X			
DS1e-x 2.4 - 8 A High Feature	3RK1 301-0BB10-0AA2		DS1e-x 2.4 - 8 A; direct starter; mechanical switching; electronic overload protection; no fuse protection up to 3.0 KW/400 V; 2.40 A to 8.00 A. Options: brake control module, control module; High Feature	X			05/04
DS1e-x 2.4 - 8 A High Feature	3RK1 301-0BB10-0AA3		DS1e-x 2.4 A to 8 A; direct starter; mechanical switching; electronic overload protection; no fuse protection up to 3.0 KW/400 V; 2.40 A to 8.00 A. Options: brake control module, control module; High Feature	X			
DS1e-x 2.4 - 8 A High Feature	3RK1 301-0BB10-0AA4		DS1e-x 2.4 - 8 A; direct starter; mechanical switching; electronic overload protection; no fuse protection; to 3.0 KW/400 V; 2.40 A to 8.00 A. Options: brake control module, control module; switch ES; High Feature; programmable power switch message	X			
DS1e-x 2.4 - 16 A High Feature	3RK1 301-0CB10-0AA2		DS1e-x 2.4 - 16 A; direct starter; mechanical switching; electronic overload protection; no fuse protection; to 7.5 KW/400 V; 2.40 A to 16 A. Options: brake control module, control module; switch ES; High Feature	X			05/04
DS1e-x 2.4 - 16 A High Feature	3RK1 301-0CB10-0AA3		DS1e-x 2.4 - 16 A; direct starter; mechanical switching; electronic overload protection; no fuse protection; to 7.5 KW/400 V; 2.40 A to 16 A. Options: brake control module, control module; switch ES; High Feature	X			
DS1e-x 2.4 - 16 A High Feature	3RK1 301-0CB10-0AA4		DS1e-x 2.4 - 16 A; direct starter; mechanical switching; electronic overload protection; no fuse protection; to 7.5 KW/400 V; 2.40 A to 16 A. Options: brake control module, control module; switch ES; High Feature; programmable power switch message	X			
DSS1e-x 0.3 - 3 A High Feature	3RK1 301-0AB20-0AA2		DSS1e-x 0.3 - 3 A; direct soft starter; mechanical switching; electronic overload protection; no fuse protection up; to 1.1 KW/400 V; 0.30 A to 3.00 A. Options: brake control module, control module; switch ES; High Feature	X			05/04
DSS1e-x 0.3 - 3 A High Feature	3RK1 301-0AB20-0AA3		DSS1e-x 0.3 - 3 A; direct soft starter; mechanical switching; electronic overload protection; no fuse protection up; to 1.1 KW/400 V; 0.30 A to 3.00 A. Options: brake control module, control module; switch ES; High Feature	X			
DSS1e-x 0.3 - 3 A High Feature	3RK1 301-0AB20-0AA4		DSS1e-x 0.3 - 3 A; direct starter; mechanical switching; electronic overload protection; no fuse protection; to 1.1 KW/400 V; 0.30 A to 3.00 A. Options: brake control module, control module; switch ES; High Feature	X			

Properties:

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M = module-specific; C = channel-specific

at specified date

Product Name	MLFB	FW Version	Short Description	Properties			
				W	C	R	T
Motor Starter							
DSS1e-x 2.4 - 8 A High Feature	3RK1 301-0BB20-0AA2		DSS1e-x 2.4 - 8 A; direct starter; mechanical switching; electronic overload protection; no fuse protection; to 3.0 KW/400 V; 2.40 A to 8.00 A; Option: brake control module, control module; High Feature	X			05/04
DSS1e-x 2.4 - 8 A High Feature	3RK1 301-0BB20-0AA3		DSS1e-x 2.4 - 8 A; direct starter; mechanical switching; electronic overload protection; no fuse protection; to 3.0 KW/400 V; 2.40 A to 8.00 A; Option: brake control module, control module; switch ES; High Feature	X			
DSS1e-x 2.4 - 8 A High Feature	3RK1 301-0BB20-0AA4		DSS1e-x 2.4 - 8 A; direct starter; mechanical switching; electronic overload protection; no fuse protection; to 3.0 KW/400 V; 2.40 A to 8.00 A. Options: brake control module, control module; switch ES; High Feature	X			
DSS1e-x 2.4 - 16 A High Feature	3RK1 301-0CB20-0AA2		DSS1e-x 2.4 - 16 A; direct starter; mechanical switching; electronic overload protection; no fuse protection up to 7.5 KW/400 V; 2.40 A to 16 A. Options: brake control module, control module; High Feature	X			05/04
DSS1e-x 2.4 - 16 A High Feature	3RK1 301-0CB20-0AA3		DSS1e-x 2.4 - 16 A; direct starter; mechanical switching; electronic overload protection; no fuse protection up to 7.5 KW/400 V; 2.40 A to 16 A. Options: brake control module, control module; High Feature				
DSS1e-x 2.4 - 16 A High Feature	3RK1 301-0CB20-0AA4		DSS1e-x 2.4 - 16 A; direct starter; mechanical switching; electronic overload protection; no fuse protection; 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 301-0AB10-1AA2		RS1e-x (0.3 - 3A) High Feature; reversing starter; mechanical switching; electronic overload protection; no fuse protection; to 1.1 KW/400 V; 0.30 A to 3.00 A. Options: brake control module, Control Module; High Feature	X			05/04
RS1e-x (0.3 - 3A) High Feature	3RK1 301-0AB10-1AA3		RS1e-x (0.3 - 3A) High Feature; reversing starter; mechanical switching; electronic overload protection; no fuse protection; to 1.1 KW/400 V; 0.30 A to 3.00 A. Options: brake control module, Control Module; High Feature	X			
RS1e-x (0.3 - 3A) High Feature	3RK1 301-0AB10-1AA4		RS1e-x (0.3 - 3A) High Feature; reversing starter; mechanical switching; electronic overload protection; no fuse protection; to 1.1 KW/400 V; 0.30 A to 3.00 A. Options: brake control module, control module; switch ES; High Feature; programmable power switch message	X			
RS1e-x (2.4 - 8A) High Feature	3RK1 301-0BB10-1AA2		RS1e-x (2.4 - 8A) High Feature; reversing starter; mechanical switching; electronic overload protection; no fuse protection; to 3.0 KW/400 V; 2.40 A to 8.00 A. Options: brake control module, control module; High Feature	X			05/04
RS1e-x (2.4 - 8A) High Feature	3RK1 301-0BB10-1AA3		RS1e-x (2.4 - 8A) High Feature; reversing starter; mechanical switching; electronic overload protection; no fuse protection; to 3.0 KW/400 V; 2.40 A to 8.00 A. Options: brake control module, control module; High Feature	X			
RS1e-x (2.4 - 8A) High Feature	3RK1 301-0BB10-1AA4		RS1e-x (2.4 - 8A) High Feature; reversing starter; mechanical switching; electronic overload protection; no fuse protection; to 3.0 KW/400 V; 2.40 A to 8.00 A. Options: brake control module, control module; switch ES; High Feature; programmable power switch message	X			

Properties:

W = Module wizard:

C = CiR support:

R = Redundant I/O:

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at specified date

Product Name	MLFB	FW Version	Short Description	Properties			
				W	C	R	T

<i>Motor Starter</i>							
RS1e-x (2.4 - 16A) High Feature	3RK1 301-0CB10-1AA2		RS1e-x (2.4 - 16A) High Feature; reversing starter; mechanical switching; electronic overload protection; no fuse protection; to 7.5 KW/400 V; 2.40 A to 16 A. Options: brake control module, control module; High Feature	X			05/04
RS1e-x (2.4 - 16A) High Feature	3RK1 301-0CB10-1AA3		RS1e-x (2.4 - 16A) High Feature; reversing starter; mechanical switching; electronic overload protection; no fuse protection; to 7.5 KW/400 V; 2.40 A to 16 A. Options: brake control module, control module; High Feature	X			
RS1e-x (2.4 - 16A) High Feature	3RK1 301-0CB10-1AA4		RS1e-x (2.4 - 16A) High Feature; reversing starter; mechanical switching; electronic overload protection; no fuse protection; to 7.5 KW/400 V; 2.40 A to 16 A. Options: brake control module, control module; switch ES; High Feature; programmable power switch message	X			
<i>F-Motor starter</i>							
F-DS1e-x 0.3 - 3 A High Feature	3RK1 301-0AB13-0AA2		F-DS1e-x 0.3 - 3 A High Feature; safe direct starter; mechanical switching; electronic overload protection; no fuse protection; to 1.1 KW/400 V; 0.30 A to 3.00 A. Options: brake control module, control module; High Feature; for PM-D F PROFIsafe	X			
F-DS1e-x 0.3 - 3 A High Feature	3RK1 301-0AB13-0AA4		F-DS1e-x 0.3 - 3 A High Feature; safe direct starter; mechanical switching; electronic overload protection; no fuse protection; to 1.1 KW/400 V; 0.30 A to 3.00 A. Options: brake control module, control module; High Feature; for PM-D F PROFIsafe; programmable power switch message	X			
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; mechanical switching; electronic overload protection; no fuse protection; 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	X			
F-DS1e-x 2.4 - 8 A High Feature	3RK1 301-0BB13-0AA4		F-DS1e-x 2.4 - 8 A High Feature; safe direct starter; mechanical switching; electronic overload protection; no fuse protection; 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; programmable power switch message	X			
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; mechanical switching; electronic overload protection; no fuse protection; 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	X			

Properties:

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R = Redundant I/O: X = Supported A = Redundant connection possible

M = module-specific; C = channel-specific

T = Type discontinued: at specified date

Product Name	MLFB	FW Version	Short Description	Properties			
				W	C	R	T

F-Motor starter							
F-DS1e-x 2.4 - 16 A High Feature	3RK1 301-0CB13-0AA4		F-DS1e-x 2.4 - 16 A High Feature; safe direct starter; mechanical switching; electronic overload protection; no fuse protection; 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; programmable power switch message	X			
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; mechanical switching; electronic overload protection; no fuse protection; 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	X			
F-RS1e-x 0.3 - 3 A High Feature	3RK1 301-0AB13-1AA4		F-RS1e-x 0.3 - 3 A High Feature; safe reversing starter; mechanical switching; electronic overload protection; no fuse protection; to 1.1 KW/400 V; 0.30 A to 3.00 A. Options: brake control module, control module; High Feature; for PM-D F PROFIsafe; programmable power switch message	X			
F-RS1e-x 2.4 - 8 A High Feature	3RK1 301-0BB13-1AA2		F-RS1e-x 2.4 - 8 A High Feature; safe reversing starter; mechanical switching; electronic overload protection; no fuse protection, 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	X			
F-RS1e-x 2.4 - 8 A High Feature	3RK1 301-0BB13-1AA4		F-RS1e-x 2.4 - 8 A High Feature; safe reversing starter; mechanical switching; electronic overload protection; no fuse protection; 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; programmable power switch message	X			
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; mechanical switching; electronic overload protection; no fuse protection; 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	X			
F-RS1e-x 2.4 - 16 A High Feature	3RK1 301-0CB13-1AA4		F-RS1e-x 2.4 - 16 A High Feature; safe reversing starter; mechanical switching; electronic overload protection; no fuse protection; 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; programmable power switch message	X			

Properties:

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Motor Starter Accessories							
xB3 DC24V/4A	3RK1 903-0CE00		xB3 DC24V/4A; brake control module 24 VDC / 4 A, 2DI 24 VDC Local Control	X			
xB4 DC500V/0.7A	3RK1 903-0CF00		xB4 DC500V/0.7A; brake control module 500 VC / 0.7A, 2DI 24 VDC Local Control	X			
TM Motor Starter							
TM-DS65-S32-01 FS L	3RK1 903-0AK00		Terminal module for DS1e-x and DSS1e-x motor starter, power supply bus, with caps				
TM-DS65-S31-01 S	3RK1 903-0AK10		Terminal module for DS1e-x and DSS1e-x motor starter, looped power supply bus				
TM-RS130-S32-01 FS L	3RK1 903-0AL00		Terminal module for RS1e-x motor starter, power supply bus, with caps				
TM-RS130-S31-01 S	3RK1 903-0AL10		Terminal module for RS1e-x motor starter, with energy bus pass-through				
TM-FDS65-S32-01 FS L	3RK1 903-0AC00		Terminal module for fail-safe DS1e-x motor starter, power supply bus, with caps				
TM-FDS65-S32-01 FS L	3RK1 903-3AC00		Terminal module for fail-safe DS1e-x motor starter, power supply bus, with caps				
TM-FDS65-S31-01 S	3RK1 903-0AC10		Terminal module for fail-safe DS1e-x motor starter, looped power supply bus				
TM-FDS65-S31-01 S	3RK1 903-3AC10		Terminal module for fail-safe DS1e-x motor starter, looped power supply bus				
TM-FRS130-S32-01 FS L	3RK1 903-0AD00		Terminal module for fail-safe RS1e-x motor starter, power supply bus, with caps				
TM-FRS130-S32-01 FS L	3RK1 903-3AD00		Terminal module for fail-safe RS1e-x motor starter, power supply bus, with caps				
TM-FRS130-S31-01 S	3RK1 903-0AD10		Terminal module for fail-safe RS1e-x motor starter, looped power supply bus				
TM-FRS130-S31-01 S	3RK1 903-3AD10		Terminal module for fail-safe RS1e-x motor starter, looped power supply bus				
TM-xB215 S24-01	3RK1 903-0AG01		Terminal module for brake control module xB3, xB4				

Properties:

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Product Name	MLFB	FW Version	Short Description	Properties			
				W	C	R	T

ET 200X							
AI							
ET 200X EM 144 AI 2x U	6ES7 144-1FB31-0XB0		Expansion module AI 2x U (+/-10V), Diagnostics	X			
ET 200X EM 144 AI2x I	6ES7 144-1GB31-0XB0		Expansion module AI 2x I (+/-20mA, 4-20mA, 4-wire measuring transducer), Diagnostics	X			
ET 200X EM 144 AI 2x I	6ES7 144-1GB41-0XB0		Expansion module AI 2x I (4-20mA, 2-wire measuring transducer), Diagnostics	X			
ET 200X EM 144 AI 2x RTD	6ES7 144-1JB31-0XB0		Expansion module AI 2x RTD (Pt100), Diagnostics	X			
AO							
ET 200X EM 145 AO 2x U	6ES7 145-1FB31-0XB0		Expansion module AO 2x U (+/-10V), Diagnostics	X			
ET 200X EM 145 AO 2x I	6ES7 145-1GB31-0XB0		Expansion module AO 2x I (+/-20mA, 4-20mA), Diagnostics	X			
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	X	X		05/03
BM DO							
ET 200X BM 142 DO 4xDC24V/2A	6ES7 142-1BD21-0XB0		ET 200X BM 142 DO 4 DO 24 VDC/2A; basic module ET 200X, 4DO 24 VDC/2A, expandable with analog EMs	X	X		11/02
DI							
ET 200X EM 141 DI 8xDC24V	6ES7 141-1BF30-0XA0		ET 200X EM 141 DI 8xDC24V; expansion module DI 8xDC24V	X			
ET 200X EM 141 DI 8xDC24V	6ES7 141-1BF40-0XA0		ET 200X EM 141 DI 8xDC24V; expansion module ET 200X DI 8xDC24V	X			
DO							
ET 200X EM 142 DO 4xDC24V/2A	6ES7 142-1BD40-0XB0		ET 200X EM 142 DO 24 VDC/2A; expansion module 4DO 24 VDC/2A, diagnostics	X			
ET 200X EM 142 DO 8xDC24V/1.3A	6ES7 142-1BF30-0XA0		ET 200X EM 142 DO 24 VDC/1.3A; expansion module ET 200X 8DO 24 VDC/1.3A	X			
PM							
ET 200X PM 148	6ES7 148-1CA00-0XB0		SIMATIC DP, power module PM 148 FOR ET 200X, 4 DO 24 VDC/2A with load voltage supply, diagnostics by channels	X			
Valve							
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 block CPV10)	X			
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 block CPV14)	X			

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Product Name	MLFB	FW Version	Short Description	Properties			
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ET 200pro							
<i>AI</i>							
ET 200PRO EM 144 AI 4 x U	6ES7 144-4FF00-0AB0		Analog input module 4 AI U; ±10V, ±5V, 1...5V, 0...10V	X			
ET 200PRO EM 144 AI 4 x I	6ES7 144-4GF00-0AB0		Analog input module 4 AI I; ±20mA, 0...20mA, 4...20mA	X			
ET 200PRO EM 144 AI 4 x RTD	6ES7 144-4JF00-0AB0		Analog input module 4 AI RTD;	X			
<i>AO</i>							
ET 200PRO EM 145 AO 4 x U	6ES7 145-4FF00-0AB0		Analog output module 4 AO U; ±10V, 1...5V, 0...10V	X			
ET 200PRO EM 145 AO 4 x I	6ES7 145-4GF00-0AB0		Analog output module 4 AO I; ±20mA, 0...20mA, 4...20mA	X			
<i>DI</i>							
ET 200PRO EM 141 DI 8xDC 24V	6ES7 141-4BF00-0AB0		Digital input module 8 DI DC24V; High Feature	X			
<i>DO</i>							
ET 200PRO EM 142 DO 4xDC 24V/2A	6ES7 142-4BD00-0AB0		Digital output module 4 DO DC24V 2A; High Feature	X			
<i>F-DI</i>							
ET 200PRO EM 148 F-DI 8/16xDC 24V	6ES7 148-4FA00-0AB0		Digital input module DI 8/16xDC24V, PROFIsafe V2, safety-oriented	X			
<i>F-DI/DO</i>							
ET 200PRO EM 148 F-DI 4/8xDC 24V F-DO 4xDC24V/2A	6ES7 148-4FC00-0AB0		Digital I/O module DI 4/8 / 4DO 24 VDC/2A, PROFIsafe V2, safety-oriented	X			
<i>IM</i>							
ET 200PRO IM154-2 DP HF	6ES7 154-2AA00-0AB0		SIMATIC DP, PROFIBUS DP INTERFACE MODULE IM154-2 HIGH FEATURE FOR ET 200PRO INCLUDING TERMINATING MODULE	X	X		
ET 200PRO IM154-2 DP HF	6ES7 154-2AA01-0AB0		SIMATIC DP, PROFIBUS DP INTERFACE MODULE IM154-2 HIGH FEATURE FOR ET 200PRO INCLUDING TERMINATING MODULE	X	X		
<i>PM</i>							
ET 200PRO PM-E DC24V	6ES7 148-4CA00-0AA0		PM-E DC24V	X			
<i>Connection modules</i>							
CM IM DP ECOFAST	6ES7 194-4AA00-0AA0		Connection module CM for IM ECOFAST CU DP				
CM IM DP Direct	6ES7 194-4AC00-0AA0		Connection module CM for IM DP Direct				
CM IM DP M12 / 7/8"	6ES7 194-4AD00-0AA0		Connection module CM for IM DP M12 / 7/8"				
CM PM ECOFAST	6ES7 194-4BA00-0AA0		Connection module CM for PM ECOFAST				
CM PM Direct	6ES7 194-4BC00-0AA0		Connection module CM for PM direct				
CM PM 7/8"	6ES7 194-4BD00-0AA0		Connection module CM for PM 7/8"				
CM IO 4 x M12	6ES7 194-4CA00-0AA0		Connection module CM for IO 4xM12				
CM IO 8 x M12	6ES7 194-4CB00-0AA0		Connection module CM for IO 8xM12				
CM 12xM12 for 4/8 F-DI/4 F-DO	6ES7 194-4DC00-0AA0		Connection module CM for F-DI/DO-EM 4/8 F-DI/4 F-DO DC24V/2A				
CM 16xM12 for 8/16 F-DI	6ES7 194-4DD00-0AA0		Connection module CM for F-DI EM 8/16 F-DI DC24V/2A				
Repeater							
<i>Diagnostic Repeater</i>							
Diagnostic Repeater	6ES7 972-0AB00-0XA0		Diagnostic repeater for wire diagnostics on the PROFIBUS DP (RS485), IP20, up to 12 Mbit/s IP20, up to 12 Mbit/s, DPV0 slave	X	X		02/03
Diagnostic Repeater	6ES7 972-0AB01-0XA0		Diagnostic repeater for wire diagnostics on PROFIBUS-DP (RS485), IP20, up to 12 Mbit/s, DPV1 slave	X	X		

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Product Name	MLFB	FW Version	Short Description	Properties			
				W	C	R	T

Network Components							
Ethernet							
IE OLM	6GK1 102-4AA00		SIMATIC NET, OLM F. INDUSTRIAL ETHERNET, OPTICAL LINK MODULE WITH 3 ITP- A. 2 FOC PORTS, REDUNDANT VOLTAGE SUPPLY, SIGNALING CONTACT				10/05
IE OSM TP22	6GK1 105-2AE00		Industrial Ethernet OSM TP22 Optical Switch Module 2 FOC ports 100 Mbit/s, 2 RJ45 ports 10/100 Mbit/s and 4 digital inputs; redundant 24 VDC supply, signaling contact; network management				
IE OSM ITP62	6GK1 105-2AA10		SIMATIC NET, OSM TP62 OPTICAL SWITCH MODULE WITH 2 FOC PORTS 100 MBIT/S U. 6 RJ45-PORTS 10/100 MBIT/S, REDUNDANT 24 VDC POWER SUPPLY, SIGNALING CONTACT, INTEGRATED REDUNDANCY MANAGER				
IE OSM TP62	6GK1 105-2AB10		SIMATIC NET, OSM ITP62 OPTICAL SWITCH MODULE with 2 FOC PORTS 100 MBIT/S AND 6 ITP PORTS 10/100 MBIT/S, REDUNDANT 24 VDC POWER SUPPLY, SIGNALING CONTACT, INTEGRATED REDUNDANCY MANAGER				
IE OSM ITP62-LD	6GK1 105-2AC10		SIMATIC NET, OSM ITP62-LD OPTICAL SWITCH MODULE WITH 2 FOC PORTS 100 MBIT/S LONG DISTANCE (FOC up to 18 KM) AND 6 ITP PORTS 10/100 MBIT/S, REDUNDANT 24 VDC POWER SUPPLY, SIGNALING CONTACT, INTEGRATED REDUNDANCY MANAGER				
IE OSM ITP53	6GK1 105-2AD10		SIMATIC NET, OSM ITP53 OPTICAL SWITCH MODULE WITH 3 FOC PORTS 100 MBIT/S U. 5 ITP PORTS 10/100 MBIT/S, REDUNDANT 24 VDC SUPPLY, SIGNALING CONTACT, INTEGRATED REDUNDANCY MANAGER				
IE ESM ITP80	6GK1 105-3AA10		SIMATIC NET, ESM ITP80 ELECTRICAL SWITCH MODULE WITH 8 ITP-PORTS 10/100 MBIT/S, REDUNDANT 24 VDC SUPPLY, SIGNALING CONTACT, INTEGRATED REDUNDANCY MANAGER				
IE ESM TP80	6GK1 105-3AB10		SIMATIC NET, ESM TP80 ELECTRICAL SWITCH MODULE WITH 8 RJ45 PORTS 10/100 MBIT/S, REDUNDANT 24 VDC SUPPLY, SIGNALING CONTACT, INTEGRATED REDUNDANCY MANAGER				
IE OSM BC08	6GK1 105-4AA00		Industrial Ethernet OSM BC08 Optical Switch Module 8 FOC ports 100 Mbit/s and 8 digital inputs; redundant 24 VDC supply, signaling contact; network management				
SCALANCE X414-3E	6GK5 414-3FC00-2AA2		MODULAR INDUSTRIAL ETHERNET SWITCH, 2 X 10/100/1000 MBIT/S AND 12 X 10/100 MBIT/S RJ45 PORTS, 1 X GIGABIT AND 2 X 100 MBIT MEDIA MODULE SLOTS, EXTENDED INTERFACE, INTEGRATED REDUNDANCY MANAGER, OFFICE FEATURES (RSTP, VLAN,...) NETWORK MANAGEMENT, C-PLUG IN SCOPE OF DELIVERY				
SCALANCE X408-2	6GK5 408-2FD00-2AA2		MODULAR INDUSTRIAL ETHERNET SWITCH, 4 X 10/100/1000 MBIT/S AND 4 X 10/100 MBIT/S RJ45 PORTS, 2 X GIGABIT/FAST ETHERNET MEDIA MODULE SLOTS, INTEGRATED REDUNDANCY MANAGER, OFFICE FEATURES (RSTP, VLAN,...) NETWORK MANAGEMENT, C-PLUG IN SCOPE OF DELIVERY				

Properties:

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Product Name	MLFB	FW Version	Short Description	Properties			
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Ethernet							
Media module MM491-2	6GK5 491-2AB00-8AA2		100Base-FX Ethernet media module for SCALANCE X414-3E				
Media module MM492-2	6GK5 492-2AL00-8AA2		1000Base-SX Ethernet media module for SCALANCE X414-3E				
Extender module EM495-8	6GK5 495-8BA00-8AA2		Extender module EM495-8 with 8 x 10/100 Mbit/s TP Ports				
Extender module EM496-4	6GK5 496-4MA00-8AA2		Extender module EM496-4 with 4 slots for 100 Mbit/s media modules				
IE Media converter SCALANCE X101-1	6GK5 101-1BB00-2AA3		Industrial Ethernet media converter SCALANCE X101-1 for converting RJ45 TP to Multimode FOC (BFOC) with 100 Mbit/s; 1 x 10/100 Mbit/s RJ45 port and 1 x 100 Mbit/s Multimode BFOC; redundant 24 VDC supply, signaling contact				
IE Media converter SCALANCE X101-1LD	6GK5 101-1BC00-2AA3		Industrial Ethernet Media converter SCALANCE X101-1LD for converting RJ45 TP to Single mode FOC (BFOC) with 100 Mbit/s; 1 x 10/100 Mbit/s RJ45 port und 1 x 100 Mbit/s Single mode BFOC; redundant 24 VDC supply and signaling contact				
SCALANCE X208	6GK5 208-0BA00-2AA3		Managed Industrial Ethernet Switch with 8 RJ45 Ports 10/100 Mbit/s for the set up of the Industrial Ethernet line- star-, or ring topologies				
SCALANCE X204-2	6GK5 204-2BB03-2AA3		Managed Industrial Ethernet Switch with 4 RJ45 Ports 10/100 Mbit/s and 2 BFOC Ports for the set up of the Industrial Ethernet line- star-, or ring topologies				
SCALANCE X204 IRT	6GK5 204-0BA00-2BA3		Managed Industrial Ethernet IRT Switch with 4 x RJ45 ports 10/100 Mbit/s for the set up of the Industrial Ethernet line- star-, or ring topologies				
SCALANCE X202-2 IRT	6GK5202-2BB00-2BA3		Managed Industrial Ethernet Switch with 2 x RJ45 ports 10/100 Mbit/s and two BFOC ports for the set up of the Industrial Ethernet line- star-, or ring topologies				
SCALANCE X206-1LD	6GK5206-1BC10-2AA3		Managed Industrial Ethernet Switch, 6 X 10/100 Mbit/s RJ45 ports 1 X 100 Mbit/s Single mode BFOC				
SCALANCE X212-2	6GK5212-2BB00-2AA3		SCALANCE X212-2, Managed Industrial Ethernet Switch, 12 X 10/100 Mbit/s RJ45 ports 2 X 100 Mbit/s Multimode BFOC				
SCALANCE X212-2LD	6GK5212-2BC00-2AA3		SCALANCE X212-2LD, Managed Industrial Ethernet Switch, 12 X 10/100 MBIT/S RJ45 ports 2 X 100 MBIT/S Single mode BFOC				
SCALANCE X216	6GK5216-0BA00-2AA3		Managed Industrial Ethernet Switch, 16 X 10/100 Mbit/s RJ45 ports				
SCALANCE X224	6GK5224-0BA00-2AA3		Managed Industrial Ethernet Switch, 24 X 10/100 MBIT/S RJ45 ports				
SCALANCE X202-2P IRT	6GK5 202-2BH00-2BA3		SCALANCE X202-2P IRT 2 x 10/100 Mbit/s RJ45 ports, 2 x 100 Mbit/s POF/PCF SC RJ ports				
SCALANCE X201-3P IRT	6GK5 201-3BH00-2BA3		SCALANCE X201-3P IRT 1 x 10/100 Mbit/s RJ45 port, 3 x 100 Mbit/s POF/PCF SC RJ ports				
SCALANCE X200-4P IRT	6GK5 200-4AH00-2BA3		SCALANCE X200-4P IRT 4 x 100 Mbit/s POF/PCF SC RJ ports				
SCALANCE X308-2	6GK5308-2FL00-2AA3		Managed Plus Industrial Ethernet Switch, 2 X 1000 Mbit/s MM SC 1 X 10/100/1000 Mbit/s and 7 X 10/100 Mbit/s RJ45 ports				
SCALANCE X308-2LD	6GK5308-2FM00-2AA3		Managed Plus Industrial Ethernet Switch, 2 X 1000 Mbit/s SM SC 1 X 10/100/1000 Mbit/s and 7 X 10/100 Mbit/s RJ45 ports				
SCALANCE X310	6GK5310-0FA00-2AA3		Managed Plus Industrial Ethernet Switch, 3 X 10/100/1000 Mbit/s and 7 X 10/100 Mbit/s RJ45 ports				

Properties:

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at specified date

Product Name	MLFB	FW Version	Short Description	Properties			
				W	C	R	T

Ethernet							
SCALANCE W788-1PRO	6GK5 788-1ST00-2AA6		SCALANCE W788-1PRO Industrial WLAN ACCESS POINT				
SCALANCE W788-2PRO	6GK5788-2ST00-2AA6		SCALANCE W788-2PRO Industrial WLAN DUAL ACCESS POINT				
SCALANCE W746-1PRO	6GK5 746-1ST00-2AA6		SCALANCE W746-1 PRO Industrial WLAN CLIENT MODULE				
SCALANCE W744-1PRO	6GK5 744-1ST00-2AA6		SCALANCE W744-1 PRO Industrial WLAN CLIENT MODULE				
SCALANCE S602	6GK5 602-0BA00-2AA3		SCALANCE S602 Industrial Security Module, access security by means of Stateful Inspection Firewall				
SCALANCE S612	6GK5 612-0BA00-2AA3		SCALANCE S612 Industrial Security Module, access security by means of Stateful Inspection Firewall for up to 32 devices per VPN tunnel (simultaneously up to 64 VPN tunnels)				
SCALANCE S613	6GK5 613-0BA00-2AA3		SCALANCE S613 Industrial Security Module, access security by means of Stateful Inspection Firewall for up to 64 devices per VPN tunnel (simultaneously up to 128 VPN tunnels); suitable for extended temperature range from -20 °C to +70° C				

Properties:

W = Module wizard:

X = Supported

C = CiR support:

X = Station insertion/removal by means of CiR is supported; S = Station can be reprogrammed in "online" mode; M = Module insertion/removal by means of CiR is supported; O = Module can be reprogrammed in "online" mode;

R = Redundant I/O:

X = Supported A = Redundant connection possible

T = Type discontinued:

M = module-specific; C = channel-specific
at specified date

Product Name	MLFB	FW Version	Short Description	Properties			
				W	C	R	T

PC							
Controller							
CPU 416-2 PCI	6ES7 616-2QL00-0AB4	V3.4	CPU 416-2 PCI as expansion card for PCs; supports constant bus cycle time and isochronous mode; routing; firmware V3.4	X			
CPU 416-2 PCI	6ES7 616-2QL10-0AB4	V4.0	CPU 416-2 PCI as expansion card for PCs; supports constant bus cycle time and isochronous mode; routing; firmware V4.0	X			
CP Ethernet							
CP 1613	6GK1 161-3AA00		SIMATIC NET CP 1613 Industrial Ethernet, ISO, TCP/IP, S7 Connections, PG functions, PCI-Bus				
CP 1613 A2	6GK1 161-3AA01		SIMATIC NET CP 1613 Industrial Ethernet, ISO, TCP/IP, S7 Connections, PG functions, PCI bus				
CP 1623	6GK1 162-3AA00		SIMATIC NET CP 1613 Industrial Ethernet, ISO, TCP/IP, S7 Connections, PG functions, PCI Express 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				
Server adapter network card PCI	A5E01605513		Server adapter network card for BCE, replacement part for redundant terminal bus INTEL PCI network adapter for Industrial Ethernet (10/100/1000 Mbit/s), with RJ45 connector				
Desktop adapter network card PCI	A5E00718412		Desktop adapter network card for BCE, replacement part for redundant terminal bus INTEL PCI network adapter for Industrial Ethernet (10/100/1000 Mbit/s), with RJ45 connector				
Server adapter network card PCI Express	A5E01579487		Server adapter network card for BCE, replacement part for redundant terminal bus INTEL PCI Express network adapter for Industrial Ethernet (10/100/1000 Mbit/s), with RJ45 connector				
Desktop adapter network card PCI Express	A5E01579552		Desktop adapter network card for BCE, replacement part for redundant terminal bus INTEL PCI Express network adapter for Industrial Ethernet (10/100/1000 Mbit/s), with RJ45 connector				
CP-Profibus							
CP 5611	6GK1 561-1AA00		SIMATIC NET CP 5611 PROFIBUS, PCI bus, only for use with SIMATIC PDM!	X			07/05
CP 5611 A2	6GK1 561-1AA01		SIMATIC NET CP 5611 A2 PROFIBUS, PCI Bus V2.2, only for use with SIMATIC PDM!	X			
CP 5613	6GK1 561-3AA00		SIMATIC NET CP 5613 PROFIBUS, PCI Bus, DP master for DP-V0 /-V1	X			01/06
CP 5613 A2	6GK1 561-3AA01		SIMATIC NET CP 5613 A2 PROFIBUS, PCI Bus V2.2, DP master for DP-V0 /-V1	X			
CP - IWLAN							
CP 7515	6GK1 751-5AA00		SIMATIC NET CP 7515 Industrial WLAN PCMCIA				

Properties:

W = Module wizard: X = Supported
C = CiR support: X = Station insertion/removal by means of CiR is supported; S = Station can be reprogrammed in "online" mode;
R = Redundant I/O: M = Module insertion/removal by means of CiR is supported; O = Module can be reprogrammed in "online" mode;
X = Supported A = Redundant connection possible
M = module-specific; C = channel-specific
T = Type discontinued: at specified date

Product Name	MLFB	FW Version	Short Description	Properties			
				W	C	R	T

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		DCF77 for Windows 95/NT, DCF 77 receiver for time synchronization within Europe, incl. mounting kit				
	2XV9 450-1AR24		SICLOCK TM time transmitter, complete package GPS, 24 VDC to 110 VDC, for synchronizing nodes on Industrial Ethernet				
	2XV9 450-1AR25		SICLOCK TM time transmitter, complete GPS package GPS, 90V DC/AC to 240 VDC/AC, for synchronizing nodes on Industrial Ethernet				
	2XV9 450-1AR26		SICLOCK TM time transmitter, complete package DCF77, 24 VDC to 110 VDC, for synchronizing nodes on Industrial Ethernet				
	2XV9 450-1AR27		SICLOCK TM time transmitter, DCF77, 90VAC/DC to 240 VDC/AC, for synchronizing nodes on Industrial Ethernet				
	3P7217B00APF01		MicroLaser 170, high-speed laser printer (monochrome) with Centronics interface and optional network adapter, 12 MB RAM				
	3P74C4B00APQ01		MicroLaser C4, high-resolution color laser printer, with network capability, 24 MB RAM, with network adapter GNC:				
	6DS1 916-8RR		Signal module, PCI card for installation in OS or ES stations (horn)				
	6DS1 916-8AA		Signal module, ISA card for installation in OS or ES stations (horn)				
	6ES7 652-0XX01-1XC0		External chip card reader, V.24 interface, PS/2 power supply module with 1.8 m cable, operating instructions, software for User Administrator and process control; required for all OS stations				
	6ES7652-0XX02-1XC0		Smart card reader V2.0, desktop version, USB port				
	6ES7 652-0XX02-1XE0		G200 MMS Multi-VGA graphic adapter "2 screens"				10/04
	6ES7 652-0XX02-1XE1		G200 MMS Multi-VGA graphic adapter "4 screens"				10/04
	6ES7 652-0XX03-1XE0		G450 MMS Multi-VGA graphic adapter "2 screens"				
	6ES7 652-0XX03-1XE1		G450 MMS Multi-VGA graphic adapter "4 screens"				

Properties:

W = Module wizard:

C = CiR support:

R = Redundant I/O:

T = Type discontinued:

X = Supported

X = Station insertion/removal by means of CiR is supported; S = Station can be reprogrammed in "online" mode;

M = Module insertion/removal by means of CiR is supported; O = Module can be reprogrammed in "online" mode;

X = Supported A = Redundant connection possible

M = module-specific; C = channel-specific

at specified date

Product Name	MLFB	FW Version	Short Description	Properties			
				W	C	R	T

S7-300							
<i>CP - PtP</i>							
CP341-1A	6ES7 341-1AH01-0AE0		CP341 RS232, communication processor, RS232 port, reloadable drivers	X	M		12/08
CP341-1A	6ES7 341-1AH02-0AE0		CP341 RS232, communication processor, RS232 port, reloadable drivers. Now with 4 Kbyte message frame length, 115 Kbaud data rate and printer driver	X	M		
CP341-1B	6ES7 341-1BH01-0AE0		CP341 TTY, communication processor TTY interface, reloadable drivers	X	M		12/08
CP341-1B	6ES7 341-1BH02-0AE0		CP341 TTY, communication processor TTY interface, reloadable drivers. Now with 4 Kbyte message frame length, 115 Kbaud data rate and printer driver	X	M		
CP341-1C	6ES7 341-1CH01-0AE0		CP341 RS422, com. processor, RS422 port, reloadable drivers	X	M		12/08
CP341-1C	6ES7 341-1CH02-0AE0		CP341 RS422, com. processor, RS422 port, reloadable drivers. Now with 4 Kbyte message frame length, 115 Kbaud data rate and printer driver	X	M		
<i>CP-AS-i</i>							
CP342-2 AS-I	6GK7 342-2AH00-0XA0	1)	SIMATIC NET CP 342-2, for connecting an S7-300 to an AS interface		M		07/00
CP342-2 AS-I	6GK7 342-2AH01-0XA0	1)	SIMATIC NET CP 342-2, for connecting an S7-300 to an AS interface		M		
CP343-2 AS-I	6GK7 343-2AH00-0XA0	1)	Basic module for connecting an AS interface. □ Supports AS-i A/B slaves and AS-i 7.3/7.4 analog slaves		M		
<i>FM</i>							
FM350-1 COUNTER	6ES7 350-1AH03-0AE0	V1.0.2	Counter module, single-channel, also for configuration with active bus modules, supports isochronous mode	X	M		
FM350-2 COUNTER	6ES7 350-2AH00-0AE0		Counter module, 8 channels	X	M		10/08
FM350-2 COUNTER	6ES7 350-2AH01-0AE0		Counter module, 8 channels	X	M		
FM355 C PID Control	6ES7 355-0VH10-0AE0		Control module, 4 channels (continuous count) 4AI+8DI+4AO, V2.0	X	M		
FM355 S PID Control	6ES7 355-1VH10-0AE0		Control module, 4 channels (step and pulse mode) 4AI+8DI+8DO, V2.0	X	M		
FM355-2 C	6ES7 355-2CH00-0AE0		FM355-2 C; control module, 4 channels, temperature controller	X	M		
FM355-2 S	6ES7 355-2SH00-0AE0		FM355-2 S; control module, 4 channels, temperature controller	X	M		
<i>PS</i>							
PS307 2A	6ES7 307-1BA00-0AA0		Load power supply 120/230 VAC:24 VDC/2 A				
PS307 2A	6ES7 305-1BA80-0AA0		Load power supply 120/230 VAC:24 VDC/2 A				
PS307 5A	6ES7 307-1EA00-0AA0		Load power supply 120/230 VAC:24 VDC/5 A				
PS307 5A	6ES7 307-1EA80-0AA0		Load power supply 120/230 VAC:24 VDC/5 A				
PS307 10 A	6ES7 307-1KA00-0AA0		Load power supply 120/230 VAC:24 VDC/10 A				04/03
PS307 10 A	6ES7 307-1KA01-0AA0		Load power supply 120/230 VAC:24 VDC/10 A				

1) Automatic integration in PCS 7 only by means of the "Programming instructions for driver blocks V6.0".

New AS-i modules can be used as substitution module in PCS7.

Properties:

W = Module wizard: X = Supported

C = CiR support: X = Station insertion/removal by means of CiR is supported; S = Station can be reprogrammed in "online" mode;

M = Module insertion/removal by means of CiR is supported; O = Module can be reprogrammed in "online" mode;

R = Redundant I/O: X = Supported A = Redundant connection possible

M = module-specific; C = channel-specific

T = Type discontinued: at specified date

Product Name	MLFB	FW Version	Short Description	Properties			
				W	C	R	T

SM - DI							
SM 321 DI 16x24VDC	6ES7 321-1BH01-0AA0		Digital input module DI 16x24VDC, rooting in groups of 16	X	M		10/04
SM 321 DI 16x24VDC	6ES7 321-1BH02-0AA0		Digital input module DI 16x24VDC, rooting in groups of 16	X	M	M	
SM321 DI 16xDC24V	6ES7 321-1BH10-0AA0		Digital input module DI 16xDC24V, rooting in groups of 16, High Speed, supports isochronous mode	X	M		
SM321 DI16x24VDC	6ES7 321-1BH50-0AA0		Digital input module DI 16x24VDC, rooting in groups of 16, M-reading	X	M		
SM321 DI 16xDC24V	6ES7 321-1BH81-0AA0		SM321; Digital input module DI 16xDC24V, extended environmental conditions	X	M		10/00
SM 321 DI 16x24VDC	6ES7 321-1BH82-0AA0		SM321; Digital input module DI 16x24VDC, extended environmental conditions	X	M		11/03
SM321 DI32x24VDC	6ES7 321-1BL00-0AA0		Digital input module DI 32x24VDC, rooting in groups of 32	X	M	M	
SM321 DI 32xDC24V	6ES7 321-1BL80-0AA0		Digital input module DI 32xDC24V, rooting in groups of 32	X	M		11/03
SM321 DI 64xDC24V	6ES7 321-1BP00-0AA0		SM321; digital input module DI 64xDC24V, rooting in groups of 16, P- or M-reading	X	M		
SM321 DI 16xAC/DC24..48V	6ES7 321-1CH00-0AA0		Digital input module DI 16xAC/DC24..48V, rooting in groups of 1	X	M		
SM321 DI 16xDC48..120V	6ES7 321-1CH20-0AA0		Digital input module DI 16xDC48..120V, rooting in groups of 8	X	M		
SM321 DI 16xDC48..120V	6ES7 321-1CH80-0AA0		Digital input module DI 16xDC48..120V, rooting in groups of 8, environmental conditions	X	M		11/03
SM321 DI 16xAC120V	6ES7 321-1EH01-0AA0		Digital input module DI 16x120VAC, rooting in groups of 4	X	M		09/01
SM321 DI 32xAC120V	6ES7 321-1EL00-0AA0		DI 32xAC 120V, 32Pt 120VAC Input - IEC Type II - 8 Pts/Comm	X	M		
SM321 DI8x230VAC	6ES7 321-1FF01-0AA0		Digital input module DI 8x120...230VAC, rooting in groups of 2	X	M	M	
SM 321 DI 8xAC120/230V	6ES7 321-1FF10-0AA0		Digital input module DI8xAC ISO, single-channel rooting SM 321 DI 8xAC120/230V	X	M		
SM 321 DI 8x120/230VAC	6ES7 321-1FF81-0AA0		Digital input module DI 8x120/230VAC, extended environmental conditions	X	M		11/03
SM321 DI16x120V/230VAC	6ES7 321-1FH00-0AA0		SM321 DI16x120/230VAC; digital input module DI 16xAC120V /230V, rooting in groups of 4	X	M		
SM321 DI 16x24VDC, Interrupt	6ES7 321-7BH00-0AB0		Digital input module DI 16xDC24V, with hardware and diagnostic interrupt, rooting in groups of 16	X	O	M	
SM321 DI 16xDC24V, Alarm	6ES7 321-7BH01-0AB0		Digital input module DI 16xDC24V, with hardware and diagnostic interrupt, rooting in groups of 16, supports isochronous mode	X	O	G	
SM 321 DI 16x24VDC, Interrupt	6ES7 321-7BH80-0AB0		Digital input module DI 16x24VDC, with hardware and diagnostic interrupt, rooting in groups of 16, extended environmental conditions	X	O		
SM321 DI4xNAMUR, Ex	6ES7 321-7RD00-0AB0		Digital input module DI 4xNamur, with hardware and diagnostic interrupt, single-channel rooting, [EEx ib]	X	O	C	
SM 321, DI 16xNAMUR	6ES7 321-7TH00-0AB0		Digital input module DI 16xNAMUR,with diagnostics function and quality code	X	O	C	

Properties:

W = Module wizard:

C = CiR support:

R = Redundant I/O:

T = Type discontinued:

X = Supported

X = Station insertion/removal by means of CiR is supported; S = Station can be reprogrammed in "online" mode; M = Module insertion/removal by means of CiR is supported; O = Module can be reprogrammed in "online" mode;

X = Supported A = Redundant connection possible

M = module-specific; G = group-specific; C = channel-specific

(Please refer to the System Manual "SIMATIC Fault-tolerant Systems S7-400H")

at specified date

Product Name	MLFB	FW Version	Short Description	Properties			
				W	C	R	T

SM - DO							
SM322 DO8x24VDC/2A	6ES7 322-1BF01-0AA0		Digital output module 8DO 24 VDC/2 A, rooting in groups of 4	X	M	M	
SM322 DO16x24VDC/0.5A	6ES7 322-1BH01-0AA0		Digital output module 16DO 24 VDC/0.5 A, rooting in groups of 8	X	M		
SM322 DO 16xDC24V/0.5A	6ES7 322-1BH10-0AA0		Digital output module 16DO 24 VDC/0.5 A, rooting in groups of 8, High Speed, supports isochronous mode	X	M		
SM 322 DO 16x24VDC/0.5A	6ES7 322-1BH81-0AA0		Digital output module 16DO 24 VDC/0.5 A, extended environmental conditions	X	M		11/03
SM322 DO32x24VDC/0.5A	6ES7 322-1BL00-0AA0		Digital output module 32DO 24 VDC/0.5 A, rooting in groups of 8	X	M	M	
SM322 DO 64xDC24V/0.3A	6ES7 322-1BP00-0AA0		Digital output module DO 64xDC24V/0.3A, rooting in groups of 16, P-switching	X	M		
SM322 DO 64xDC24V/0.3A	6ES7 322-1BP50-0AA0		Digital output module DO 64xDC24V/0.3A, rooting in groups of 16, M-switching	X	M		
SM322 DO 8xDC48..120V/1.5A	6ES7 322-1CF00-0AA0		Digital output module 8DO 48..120 VDC/1.5 A, rooting in groups of 4	X	M		
SM322 DO8x48..120VDC/1.5A	6ES7 322-1CF80-0AA0		Digital output module 8DO 48..120 VDC/1.5 A, rooting in groups of 4, extended environmental conditions	X	M		11/03
SM322 DO16x120VAC/0.5A	6ES7 322-1EH01-0AA0		Digital output module DO 16x120VAC/0.5A, rooting in groups of 8	X	M		01/02
SM322 DO 32xAC120V/1A	6ES7 322-1EL00-0AA0		Digital output module 32DO 120V AC/1 A, rooting in groups of 8	X	M		10/04
SM322 DO8x230VAC/2A	6ES7 322-1FF01-0AA0		Digital output module 8DO 120...230VAC/1 A, rooting in groups of 4, Si.	X	M	M	
SM 322 DO 8x120/230VAC/1A	6ES7 322-1FF81-0AA0		Digital output module 8DO 120/230 VAC/1 A, extended environmental conditions	X	M		10/03
SM322 DO16x120V/230VAC/0.5A	6ES7 322-1FH00-0AA0		Digital output module 16DO 120/230 VAC/0.5 A, rooting in groups of 8	X	M		
SM322 DO 32xAC120V/230V/1A	6ES7 322-1FL00-0AA0		Digital output module 32DO 120-230V AC/1 A, rooting in groups of 8	X	M		
SM322 DO8xRel. 230VAC	6ES7 322-1HF01-0AA0		Digital output module DO 8xREL 24 VDC/2 A, 230V AC/2 A, rooting in groups of 2	X	M		
SM 322 DO 8xRel. 230VAC/5A	6ES7 322-1HF10-0AA0		Digital output module DO 8xREL 230 VAC, 5 A, single-channel rooting	X	M		
SM322 DO 8xRel. AC 24V/5A	6ES7 322-1HF20-0AA0		Digital output module DO 8xREL 24 VDC/5 A, 230 VAC/5 A, single-channel rooting, with overvoltage protection element	X	M		07/02
SM322 DO 8xRel. 230VAC /5A	6ES7 322-1HF80-0AA0		SM 322 DO 8xRel. AC 230V/5A; Digital output module DO 8xREL. 230V AC, 5A, single-channel rooting, extended environmental conditions	X	M		11/03
SM322 DO16xRel. 120VAC	6ES7 322-1HH00-0AA0		Digital output module DO 16xREL 24 VDC/2 A, 120V/2 A, rooting in groups of 16	X	M		07/02
SM322 DO16xRel. 120/230VAC	6ES7 322-1HH01-0AA0		Digital output module DO 16xREL 24 VDC/2 A, 120V/2 A, 230 V/?A, rooting in groups of 16	X	M		
SM322 DO 8xAC120/230V/2A	6ES7 322-5FF00-0AB0		SM322; Digital output module DO DO8xAC120/230V, with value substitution	X	O		
SM322 DO 16xUC24/48V	6ES7 322-5GH00-0AB0		Digital output module DO 16xUC24/48V diagnostic interrupt, single-channel rooting,	X	M		
SM322 DO 8xRel AC230V	6ES7 322-5HF00-0AB0		Digital output module DO 8xAC230V, x A	X	O		
SM322 DO 4xDC15V/20mA, Ex	6ES7 322-5RD00-0AB0		Digital output module DO 4xDC15V/20mA, diagnostic interrupt, single-channel rooting, [EEEx ib]	X	O		
SM322 DO 4x24VDC/10mA, Ex	6ES7 322-5SD00-0AB0		Digital output module 4DO 24 VDC/10 mA, diagnostic interrupt, single-channel rooting, [EEEx ib]	X	O	C	
SM322 DO8x24VDC/0.5A	6ES7 322-8BF00-0AB0		Digital output module 8DO 24 VDC/0.5 A, diagnostic interrupt, rooting in groups of 8	X	O	M	
SM 322 DO 8x24VDC/0.5A	6ES7 322-8BF80-0AB0		Digital output module 8DO 24 VDC/0.5 A, with diagnostics function, extended environmental conditions	X	O		11/03
SM 322, DO 16x24VDC/0.5A	6ES7 322-8BH00-0AB0		Digital output module, 16DO 24 VDC/0.5 A, with diagnostics function	X	O	M	12/03
SM322 DO 16xDC24V/0.5A	6ES7 322-8BH01-0AB0		Digital output module, 16DO 24 VDC/0.5 A, with diagnostics function	X	O	M	
SM322 DO 16xDC24V/0.5A	6ES7 322-8BH10-0AB0		Digital output module, 16DO 24 VDC/0.5 A, with diagnostics function	X	O	M	

Properties:

W = Module wizard:
C = CiR support:

R = Redundant I/O:

T = Type discontinued:

X = Supported

X = Station insertion/removal by means of CiR is supported; S = Station can be reprogrammed in "online" mode;
M = Module insertion/removal by means of CiR is supported; O = Module can be reprogrammed in "online" mode;
X = Supported A = Redundant connection possible
M = module-specific; G = group-specific; C = channel-specific

(Please refer to the System Manual "SIMATIC Fault-tolerant Systems S7-400H")
at specified date

Product Name	MLFB	FW Version	Short Description	Properties			
				W	C	R	T

SM - DI/DO							
SM323 DI 8/DO 8 x DC24V/0.5A	6ES7 323-1BH01-0AA0		SM 323 DI 8/DO 24 VDC/0.5A; digital I/O module 8DI /8DO 24 VDC/0.5A,	X	M		
SM323 DI 8/DO 8 x DC24V/0.5A	6ES7 323-1BH81-0AA0		SM 323 DI 8/DO 24 VDC/0.5A; digital I/O module, 8DI/8DO 24 VDC/0.5A, outdoor	X	M		11/03
SM - DI - F							
SM 326, DI 24x24VDC	6ES7 326-1BK00-0AB0		SM 326 F, 24DI 24 VDC, safety-oriented	X	OS	C	04/06
SM326 DI 24xDC24V	6ES7 326-1BK01-0AB0		SM 326 F, 24DI 24 VDC, safety oriented, with diagnostic interrupt	X	OS	C	09/09
SM326 DI 24xDC24V	6ES7 326-1BK02-0AB0		SM 326 F, 24DI 24 VDC, safety oriented, with diagnostic interrupt	X	OS	C	
SM 326, DI 8xNAMUR, Ex(i)	6ES7 326-1RF00-0AB0		SM 326 F, 8DI NAMUR, Ex(i), safety-oriented	X	OS	C	
SM - DO - F							
SM 326, DO 10x24VDC/2A	6ES7 326-2BF00-0AB0		SM326 F, 10DO 24 VDC/2 A, safety oriented	X	OS	C	04/03
SM326 DO 10xDC24V/2A	6ES7 326-2BF01-0AB0		SM 326F, 10DO 24 VDC/2A, P switching, safety- oriented, with diagnostic interrupt	X	OS	C	
SM326 DO 10xDC24V/2A	6ES7 326-2BF10-0AB0		SM 326F, 10DO 24 VDC/2A, P switching, safety- oriented, with diagnostic interrupt, Profibus DP and PROFINet with PROFIsafe V2	X	OS	C	
SM 326F DO 8xDC24V/2A	6ES7 326-2BF40-0AB0		SM 326F, 8DO 24 VDC/2A, P-M switching, safety- oriented, with diagnostic interrupt	X			09/09
SM 326F DO 8xDC24V/2A	6ES7 326-2BF41-0AB0		SM 326F, 8DO 24 VDC/2A, P-M switching, safety- oriented, with diagnostic interrupt	X			

Properties:

W = Module wizard:

X = Supported

C = CiR support:

X = Station insertion/removal by means of CiR is supported; S = Station can be reprogrammed in "online" mode;
M = Module insertion/removal by means of CiR is supported; O = Module can be reprogrammed in "online" mode;
OS = In standard mode only

R = Redundant I/O:

X = Supported A = Redundant connection possible

M = module-specific; G = group-specific; C = channel-specific

(Please refer to the System Manual "SIMATIC Fault-tolerant Systems S7-400H")

T = Type discontinued:

at specified date

Product Name	MLFB	FW Version	Short Description	Properties			
				W	C	R	T

SM - AI							
SM 331 AI 8x13 bits	6ES7 331-1KF00-0AB0		Analog input module AI 8x13 bits	X	O		10/03
SM331 AI 8x13Bit	6ES7 331-1KF01-0AB0		Analog input module AI 8x13 bits	X	O		
SM331 AI 8x14Bit	6ES7 331-7HF01-0AB0		Analog input module AI 8x14 bits, high-speed module, supports isochronous mode	X	O		
SM331 AI2x12 bits	6ES7 331-7KB01-0AB0		Analog input module AI 2x12...14 bits	X	O		10/04
SM331 AI2x12 bits	6ES7 331-7KB02-0AB0		Analog input module AI 2x12...14 bits	X	O		
SM 331 AI 2x12 bits	6ES7 331-7KB81-0AB0		Analog input module AI 2x12...14 bits, extended environmental conditions	X	O		05/01
SM331 AI2x12 bits	6ES7 331-7KB82-0AB0		Analog input module AI 2x12...14 bits, Outdoor	X	O		11/03
SM331 AI8x12 bits	6ES7 331-7KF01-0AB0		Analog input module AI 8x12...14 bits	X	O		02/05
SM331 AI8x12 bits	6ES7 331-7KF02-0AB0		Analog input module AI 8x12...14 bits	X	O	M	
SM331 AI8x16 bits	6ES7 331-7NF00-0AB0		Analog input module; AI8x16 bits; 1 V to 5 V, +/- 5 V, +/- 10 V; 0...20 mA, 4...20 mA, +/- 20 mA	X	O	C	
SM331 AI8x16 bits	6ES7 331-7NF10-0AB0		SM331 AI8x16Bit; Analog input module; AI8x16 bits; 1 V to 5 V, +/- 5 V, +/- 10 V; 0...20 mA, 4...20 mA, +/- 20 mA	X	O	C	
SM331 AI 6xTC	6ES7 331-7PE10-0AB0		Analog input module AI6xTC, 16 bits, ISO, suitable for channel-selective redundancy	X	O	C	
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	X	O		04/05
SM331 AI 8xRTD	6ES7 331-7PF01-0AB0		Analog input module. AI8xRTD, 16 bits (internal. 24 bits according to the Sigma-Delta process); RTD: Pt100, Pt200, Pt500, Pt1000, Ni100, Ni120, Ni1000, Cu10	X	O		
SM331 AI8xTC	6ES7 331-7PF10-0AB0		Analog input module AI8xTC, 16 bits (internal 24 bits according to the Sigma-Delta process); thermocouples: B, E, J, K, L, N, R, S, T	X	O		07/05
SM331 AI 8xTC	6ES7 331-7PF11-0AB0		Analog input module. AI8xTC, 16 bits (internal 24 bits according to the Sigma-Delta process); thermocouples: B, E, J, K, L, N, R, S, T	X	O		
SM331 AI4x0/4...20mA, Ex	6ES7 331-7RD00-0AB0		Analog input module AI 4x0/4...20mA, 15 bits, [Ex ib]	X	O	C	
SM331 AI8xTC/4xRTD, Ex	6ES7 331-7SF00-0AB0		Analog input module AI 8xTC/4xRTD, 15 bits, [Ex ib]	X	O		
SM 331 AI2x0/4...20mA HART, EX	6ES7 331-7TB00-0AB0		Analog input module AI2x0/4...20mA, with HART communication, [Ex ib]	X	O		
SM 331 AI8x0/4...20mA HART	6ES7 331-7TF00-0AB0		Analog input module AI8x0/4...20mA, +/-20mA with HART communication	X	O		
SM331 AI 8x0/4...20mA HART,	6ES7 331-7TF01-0AB0		Analog input module AI8x0/4...20mA, +/-20mA with HART communication	X	O	C	

Properties:

W = Module wizard: X = Supported
C = CiR support: X = Station insertion/removal by means of CiR is supported; S = Station can be reprogrammed in "online" mode;
M = Module insertion/removal by means of CiR is supported; O = Module can be reprogrammed in "online" mode;
OS = In standard mode only
R = Redundant I/O: X = Supported A = Redundant connection possible
M = module-specific; G = group-specific; C = channel-specific
(Please refer to the System Manual "SIMATIC Fault-tolerant Systems S7-400H")
T = Type discontinued: at specified date

Product Name	MLFB	FW Version	Short Description	Properties			
				W	C	R	T

SM - AO							
SM332 AO2x12 bits	6ES7 332-5HB01-0AB0		Analog output module AO 2x12 bits	X	O		
SM 332 AO 2x12 bits	6ES7 332-5HB81-0AB0		Analog output module AO 2x12...14 bits, extended environmental conditions	X	O		11/03
SM332 AO4x12 bits	6ES7 332-5HD01-0AB0		Analog output module AO 4x11...12 bits	X	O	C	
SM332 AO 8x12Bit	6ES7 332-5HF00-0AB0			X	O	C	
SM332 AO4x0/4...20mA, Ex	6ES7 332-5RD00-0AB0		Analog output module AO 4x0/4...20mA, 15 bits, [EEEx ib]	X	O	C	
SM 332, AO2x0/4...20mA HART, EX	6ES7 332-5TB00-0AB0		Analog output module AO2x0/4...20mA, with HART communication, [EEEx ib]	X	O		
SM332	6ES7 332-7ND00-0AB0		SM332, analog output module; 4x16 bits	X	O		10/04
SM332 AO 4x16 bits	6ES7 332-7ND01-0AB0		SM332, analog output module; 4x16 bits supports isochronous mode	X	O		01/05
SM332 AO 4x16 bits	6ES7 332-7ND02-0AB0		SM332, analog output module; 4x16 bits supports isochronous mode	X	O		
SM332 AO 8x0/4...20mA HART	6ES7 332-8TF00-0AB0		Analog output module 8x16Bit, 0/4...20mA, with HART communication	X	O		
SM332 AO 8x0/4...20mA HART	6ES7 332-8TF01-0AB0		Analog output module 8x16Bit, 0/4...20mA, with HART communication	X	O	C	
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 function	X	OS	C	
SM336 AI 6 HART	6ES7 336-4GE00-0AB0		Analog input module AI 6x0/4...20mA HART, PROFIsafe V2, safety-oriented, with diagnostics interrupt, with HART communication, FW update, redundancy	X	OS	C	

Properties:

W = Module wizard:

X = Supported

C = CiR support:

X = Station insertion/removal by means of CiR is supported; S = Station can be reprogrammed in "online" mode;

M = Module insertion/removal by means of CiR is supported; O = Module can be reprogrammed in "online" mode;

OS = In standard mode only

R = Redundant I/O:

X = Supported A = Redundant connection possible

M = module-specific; G = group-specific; C = channel-specific

(Please refer to the System Manual "SIMATIC Fault-tolerant Systems S7-400H")

T = Type discontinued:

at specified date

Product Name	MLFB	FW Version	Short Description	Properties			
				W	C	R	T

SM - MTA							
MTA 16 channels DI Standard	6ES7650-1AC10-3XX0		MTA 16 channels DI; 24 VDC for 6ES7321-7BH01-0AB0 (as of E version 02)				
MTA 16 channels DI Standard	6ES7650-1AC11-3XX0		MTA 16 channels DI; 24 VDC for 6ES7321-7BH01-0AB0 (as of E version 2)				
MTA 8 channels AI Standard	6ES7650-1AA50-2XX0		MTA 8 channels AI; 1-5 V / 0/4-20 mA; for 6ES7331-7NF00-0AB0 (as of E version 05)				
MTA 8 channels AI Standard	6ES7650-1AA51-2XX0		MTA 8 channels AI; 1-5 V / 0/4-20 mA; for 6ES7331-7NF00-0AB0 (as of E version 5)				
MTA 8 channels AI HART Standard	6ES7650-1AA61-2XX0		MTA 8 channels AI; 0/4-20 mA; for 6ES7 331-7TF01-0AB0				
MTA 8 channels AO Standard	6ES7650-1AB50-2XX0		MTA 8 channels AO; 4-20 mA; for 6ES7332-5HF00-0AB0 (as of E version 03)				
MTA 8 channels AO Standard	6ES7650-1AB51-2XX0		MTA 8 channels AO; 4-20 mA; for 6ES7332-5HF00-0AB0 (as of E version 3)				
MTA 8 channels AO HART Standard	6ES7650-1AB61-2XX0		MTA 8 channels AO; 0/4-20 mA; for 6ES7332-8TF01-0AB0				
MTA 8 channels TC Standard	6ES7650-1AF50-2XX0		MTA 8 channels TC; for 6ES7331-7PF10-0AB0 (as of E version 04) and 6ES7 331-7PF11-0AB0				
MTA 8 channels TC Standard	6ES7650-1AF51-2XX0		MTA 8 channels TC; for 6ES7331-7PF10-0AB0 (as of E version 4) and 6ES7 331-7PF11-0AB0				
MTA 8 channels RTD Standard	6ES7650-1AG50-2XX0		MTA 8 channels RTD; for 6ES7331-7PF00-0AB0 (as of E version 08) and 6ES7331-7PF01-0AB0				
MTA 8 channels RTD Standard	6ES7650-1AG51-2XX0		MTA 8 channels RTD; for 6ES7331-7PF00-0AB0 (as of E version 8) and 6ES7331-7PF01-0AB0				
MTA 24 channels F-DI (fail-safe)	6ES7650-1AK10-7XX0		MTA 24 channels F-DI; 24 VDC; for 6ES7326-1BK00-0AB0 and 6ES7326-1BK01-0AB0 (as of E revision 1)				
MTA 24 channels F-DI (fail-safe)	6ES7650-1AK11-7XX0		MTA 24 channels F-DI; 24 VDC; for 6ES7326-1BK00-0AB0 and 6ES7326-1BK01-0AB0 (as of E version 1)				
MTA 10 channels F-DO (fail-safe)	6ES7650-1AL10-6XX0		MTA 10 channels F-DO; 24 VDC/2 A; for 6ES7326-2BF01-0AB0 (as of E version 02)				
MTA 10 channels F-DO (fail-safe)	6ES7650-1AL11-6XX0		MTA 10 channels F-DO; 24 VDC / 2A; for 6ES7326-2BF01-0AB0 (as of E version 2)				
MTA 16 channels DO (relays)	6ES7650-1AM30-3XX0		MTA 16 channels relays DO; 120-230 VAC, 5 A; 24 V DC, 5 A; 6ES7322-8BH01-0AB0 (as of E version 1)				
MTA 10 channels DO (relays)	6ES7650-1AM30-6XX0		MTA 10 channels relay DO; 110-220 VAC/5 A; 24 VDC/5 A; for 6ES7326-2BF01-0AB0 (as of E version 02)				
MTA 10 channels F-DO (fail-safe, relays)	6ES7650-1AM31-6XX0		MTA 10 channels F-DO; relays 120-230 VAC, 5 A; 24 VDC, 5 A; for 6ES7326-2BF01-0AB0 (as of E version 2)				
MTA 6 channels F-AI (fail-safe)	6ES7650-1AH50-5XX0		MTA 6 channels F-AI; 4-20 mA; for 6ES7336-1HE00-0AB0 (as of E version 06)				
MTA 6 channels F-AI (fail-safe)	6ES7650-1AH51-5XX0		MTA 6 channels F-AI; 4-20 mA; for 6ES7336-1HE00-0AB0 (as of E version 6)				
MTA 6 channels F-AI (fail-safe)	6ES7650-1AH61-5XX0		MTA 6 channels F-AI; 4-20 mA; for 6ES7336-1HE00-0AB0 (as of E version 6) for 6ES7336-4GE00-0AB0				

Properties:

R = Redundant I/O:

X = Supported A = Redundant connection possible

M = module-specific; C = channel-specific

Product Name	MLFB	FW Version	Short Description	Properties			
				W	C	R	T

SM - MTA							
Redundant Power Monitor	6ES7650-1BA01-0XX0		Redundant Power Monitor				
Redundant Power Monitor	6ES7650-1BA02-0XX0		Redundant Power Monitor				
5.6 V Zehner diode board	6ES7650-1BB51-0XX0		5.6 V Zehner diode daughter board for F-AI MTA				
6.2 V Zehner diode board	6ES7650-1BC51-0XX0		6.2 V Zehner diode daughter board for F-AI MTA				
FET switch adapter	6ES7650-1BD51-0XX0		FET switch adapter				

Properties:

R = Redundant I/O: X = Supported A = Redundant connection possible
M = module-specific; C = channel-specific

Product Name	MLFB	FW Version	Short Description	Properties			
				W	C	R	T

S7-400							
<i>CP - Ethernet</i>							
CP 443-1	6GK7 443-1BX00-0XE0		S7 CP for Industrial Ethernet with SEND-RECEIVE interface, S7 communication				02/03
CP 443-1 ISO	6GK7 443-1BX01-0XE0		S7 CP for Industrial Ethernet with SEND-RECEIVE interface, S7 communication, routing, module replacement without programming device				02/03
CP 443-1 TCP	6GK7 443-1EX01-0XE0		S7 CP for Industrial Ethernet with TCP/IP, with SEND-RECEIVE interface, S7 Communication, routing, module replacement without programming device				02/03
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				02/03
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				01/01
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 device, 10/100 Mbit Fast Send/Receive				01/01
CP 443-1	6GK7 443-1EX11-0XE0	V1.1	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				
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 device, 10/100 Mbit, NTP, static MAC address.				
CP 443-1	6GK7 443-1EX20-0XE0	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 device, 10/100 Mbit, NTP, static MAC address, 2-port switch				
<i>CP - Profibus</i>							
CP 443-5 Extended	6GK7 443-5DX01-0XE0		CP for Profibus with PROFIBUS DP, SEND-RECEIVE interface, FMS and S7 Communication; Sync/Freeze				10/01
CP 443-5 Extended	6GK7 443-5DX02-0XE0	V3.x	PROFIBUS CP: DP master with Sync/Freeze and redundancy, slave-cross traffic, constant bus cycle time, SEND-RECEIVE interface, S7 functions, time-of-day, PG routing, data set routing, firmware V3.3				08/01
CP 443-5 Extended	6GK7 443-5DX03-0XE0	V4.x	PROFIBUS CP: DP master with Sync/Freeze and redundancy, direct data exchange, constant bus cycle time, SEND-RECEIVE interface, S7 functions, time synchronization, routing, data set routing, DPV1, firmware V4.0	X			05/05
CP 443-5 Extended	6GK7 443-5DX03-0XE0	V5.x	PROFIBUS CP: DP master with Sync/Freeze and redundancy, direct data exchange, constant bus cycle time, SEND-RECEIVE interface, S7 functions, time synchronization, data set routing, DPV1, CIR, firmware V5.x	X	X		05/05
CP 443-5 Extended	6GK7 443-5DX04-0XE0	V6.x	PROFIBUS CP: DP master with Sync/Freeze and redundancy, direct data exchange, constant bus cycle time, SEND-RECEIVE interface, S7 functions, time synchronization, data set routing, DPV1, CIR, firmware V6.x	X	X		

Properties:

W = Module wizard: X = Supported

C = CiR support: X = Station insertion/removal by means of CiR is supported; S = Station can be reprogrammed in "online" mode; M = Module insertion/removal by means of CiR is supported; O = Module can be reprogrammed in "online" mode;

R = Redundant I/O: X = Supported A = Redundant connection possible

M = module-specific; C = channel-specific

T = Type discontinued: at specified date

Product Name	MLFB	FW Version	Short Description	Properties			
				W	C	R	T

FM							
FM458-1 DP	6DD1607-0AA2	V2.x	Application module for SIMATIC S7-400: designed to realise high performant and free configurable control tasks. 1DP-connection, 60MB user program memory, OEM Knowhow protection				
EXM 438-1	6DD1607-0CA1		I/O expansion module for FM458				
EXM 448-2	6DD1607-0EA2		Communication expansion module for FM458				
CPU before 04/99 (up to PCS7 V4.02) ¹⁾							
CPU 414-2 DP	6ES7 414-2XJ00-0AB0		S7 CPU; work memory 384K; 0.1 ms/kA; 8K DI/O; 32 connections; MPI and PROFIBUS DP connection				04/98
CPU 414-2 DP	6ES7 414-2XJ01-0AB0		S7 CPU; work memory 384K; 0.1 ms/kA; 8K DI/O; 32 connections; MPI and PROFIBUS DP connection				03/00
CPU 416-2 DP	6ES7 416-2XK00-0AB0		S7 CPU; work memory 0.8 MB; 0.08 ms/kA; 16K DI/O; 64 connections; MPI and PROFIBUS DP connection				04/98
CPU 416-2 DP	6ES7 416-2XK01-0AB0		S7 CPU; work memory 0.8 MB; 0.08 ms/kA; 16K DI/O; 64 connections; MPI and PROFIBUS DP connection				02/01
CPU 416-2 DP	6ES7 416-2XL00-0AB0		S7 CPU; work memory 1.6 MB; 0.08 ms/kA; 16K DI/O; 64 connections; MPI and PROFIBUS DP connection				05/98
CPU 416-2 DP	6ES7 416-2XL01-0AB0		S7 CPU; work memory 1.6 MB; 0.08 ms/kA; 16K DI/O; 64 connections; MPI and PROFIBUS DP connection				02/01

¹⁾ The CPUs of this generation are only supported by the driver concept up to PCS7 V4.02
An upgrade of the driver concept as of PCS7 V5.0 is not possible.

Properties:

W = Module wizard: X = Supported
C = CiR support: X = Supported

R = Redundant I/O: X = Supported; A = Redundant connection possible
M = module-specific; C = channel-specific

T = Type discontinued: at specified date

Product Name	MLFB	FW Version	Short Description	Properties			
				W	C	R	T
CPU as of 04/99 (as of PCS7 V5.0) ¹⁾							
CPU 414-3	6ES7 414-3XJ00-0AB0	V1.1	S7 CPU; work memory 384K code and 384K data; 0.1 ms/kA; 8K DI/O; 32 connections; 2*DP/MPI and 1 receptacle for IF submodules; constant bus cycle time	X			01/05
CPU 414-3	6ES7 414-3XJ00-0AB0	V1.2	S7 CPU; work memory 384K code and 384K data; 0.1 ms/kA; 8K DI/O; 32 connections; 2*DP/MPI and 1 receptacle for IF submodules; constant bus cycle time, cross-traffic; routing	X			01/05
CPU 414-3	6ES7 414-3XJ00-0AB0	V3.0	Work memory 384K code and 384K data; 0.1 ms/kA; 8K DI/O; 32 connections; 2*DP/MPI and 1 receptacle for intelligent submodules; direct data exchange, constant bus cycle time; routing; DPV1; firmware V3.0	X			01/05
CPU 414-3	6ES7 414-3XJ00-0AB0	V3.1	Work memory 384K code and 384K data; 0.1 ms/kA; 8K DI/O; 32 connections 2*DP/MPI and 1 receptacle for I submodules; direct data exchange, constant bus cycle time; routing; DPV1; firmware V3.1	X	X		01/05
CPU 416-2	6ES7 416-2XK02-0AB0	V1.1	S7 CPU; work memory 0.8 MB code and 0.8 MB data; 0.08 ms/kA; 16K DI/O; 64 connections; 2*DP/MPI; constant bus cycle time	X			01/05
CPU 416-2	6ES7 416-2XK02-0AB0	V1.2	S7 CPU; work memory 0.8 MB code and 0.8 MB data; 0.08 ms/kA; 16K DI/O; 64 connections; 2*DP/MPI; constant bus cycle time, cross-traffic; routing	X			01/05
CPU 416-2	6ES7 416-2XK02-0AB0	V3.0	Work memory 0.8 MB code and 0.8 MB data; 0.08 ms/kA; 16K DI/O; 64 connections; 2*DP/MPI; direct data exchange, constant bus cycle time; routing; DPV1; firmware V3.0	X			01/05
CPU 416-2	6ES7 416-2XK02-0AB0	V3.1	Work memory 0.8 MB code and 0.8 MB data; 0.08 ms/kA; 16K DI/O; 64 connections; 2*DP/MPI; direct data exchange, constant bus cycle time; routing; DPV1; firmware V3.1	X	X		01/05
CPU 416-3	6ES7 416-3XL00-0AB0	V1.1	S7 CPU; work memory 1.6 MB code and 1.6MB data; 0.08 ms/kA; 16KB DI/O; 64 connections; 2*DP/MPI and 1 receptacle for IF submodules; constant bus cycle time	X			01/05
CPU 416-3	6ES7 416-3XL00-0AB0	V1.2	S7 CPU; work memory 1.6 MB code and 1.6MB data; 0.08 ms/kA; 16K DI/O; 64 connections; 2*DP/MPI and 1 receptacle for IF submodules; constant bus cycle time, cross traffic; routing	X			01/05
CPU 416-3	6ES7 416-3XL00-0AB0	V3.0	Work memory 1.6 MB code and 1.6 MB data; 0.08 ms/kA; 16K DI/O; 64 connections; 2*DP/MPI and 1 receptacle for IF submodules; direct data exchange, constant bus cycle time; routing; DPV1; firmware V3.0	X			01/05
CPU 416-3	CPU 416-3	V3.1	Work memory 1.6 MB code and 1.6 MB data; 0.08 ms/kA; 16K DI/O; 64 connections; 2*DP/MPI and 1 receptacle for IF submodules; direct data exchange, constant bus cycle time; routing; DPV1; firmware V3.1	X	X		01/05

¹⁾ The new driver concept (PCS7 V5.2) is only supported by the CPUs with the FW V3.0 or higher

Properties:

W = Module wizard: X = Supported
C = CiR support: X = Supported XE = Standalone only;

R = Redundant I/O: X = Supported A = Redundant connection possible
M = module-specific; C = channel-specific

T = Type discontinued: at specified date

Product Name	MLFB	FW Version	Short Description	Properties			
				W	C	R	T

CPU as of 04/99 (as of PCS7 V5.0) ¹⁾							
CPU 417-4	6ES7 417-4XL00-0AB0	V1.1	S7 CPU; work memory 2 MB code and 2 MB data, (expandable up to 20 MB); 0.1 ms/kA; 16K DI/O; 64 connections; 2*DP/MPI and 2 slots for IF submodules; receive functionality for cross-traffic; constant bus cycle time; routing; firmware V1.1	X			01/05
CPU 417-4	6ES7 417-4XL00-0AB0	V1.2.0	S7 CPU; work memory 2 MB code and 2 MB data, (expandable up to 20 MB); 0.1 ms/kA; 16K DI/O; 64 connections; 2*DP/MPI and 2 slots for IF submodules; constant bus cycle time/cross-traffic; routing	X			01/05
CPU 417-4	6ES7 417-4XL00-0AB0	V3.0	Work memory 2 MB code and 2 MB data, (expandable up to 20 MB); 0.1 ms/kA; 16K DI/O; 64 connections; 2*DP/MPI and 2 slots for IF submodules; receive functionality for direct data exchange, constant bus cycle time, routing, DPV1, firmware V3.0	X			01/05
CPU 417-4	6ES7 417-4XL00-0AB0	V3.1	Work memory 2 MB code and 2 MB data, (expandable up to 20 MB); 0.1 ms/kA; 16K DI/O; 64 connections; 2*DP/MPI and 2 slots for IF submodules; receive functionality for direct data exchange, constant bus cycle time, routing, DPV1, firmware V3.1	X	X		01/05
CPU 414-4H	6ES7 414-4HJ00-0AB0	V2.1.1 V2.1.2	Redundant CPU with fails-safe functionality, work memory 384K code and 384K data; 0.1 ms/kA; 8K DI/O; 32 connections; 2*DP/MPI and 2 slots for H- Sync submodules	X			01/06
CPU 414-4H	6ES7 414-4HJ00-0AB0	V3.0	Redundant CPU with fail-safe functionality, work memory 384K code and 384K data; 0.1 ms/kA; 8 K DI/O; 32 connections; 2*DP/MPI and 2 slots for H- Sync submodules, direct data exchange, DPV1; firmware V3.0	X			01/06
CPU 414-4H	6ES7 414-4HJ00-0AB0	V3.1	Redundant CPU with fails-safe functionality, work memory 384K code and 384K data; 0.1 ms/kA; 8K DI/O; 32 connections; 2*DP/MPI and 2 slots for H- Sync submodules, direct data exchange, DPV1; firmware V3.1	X	X		01/06
CPU 417-4H	6ES7 417-4HL00-0AB0	V2.0 V2.1.x	Redundant CPU; work memory 2 MB code and 2 MB data; (expandable up to 20 MB); 0.1 ms/kA; 16K DI/O; 64 connections; 2*DP/MPI and 2 slots for IF submodules, routing, firmware V2.0	X			09/00
CPU 417-4H	6ES7 417-4HL01-0AB0	V2.1	Redundant, work memory 2 MB code and 2 MB data; (expandable up to 20 MB); 0.1 ms/kA; 16K DI/O; 64 connections; 2*DP/MPI and 2 slots for H-Sync submodules, routing, firmware V2.1	X			01/06
CPU 417-4H	6ES7 417-4HL01-0AB0	V2.1.1 V2.1.2	Redundant, work memory 2 MB code and 2 MB data; (expandable up to 20 MB); 0.1 ms/kA; 16K DI/O; 64 connections; 2*DP/MPI and 2 slots for H-Sync submodules, routing, firmware V2.1	X			01/06
CPU 417-4H	6ES7 417-4HL01-0AB0	V3.0	Redundant CPU, fails-safe functionality, work memory 2 MB code and 2 MB data; (expandable up to 20 MB); 0.1 ms/kA; 16K DI/O; 64 connections; 2*DP/MPI and 2 slots for H-Sync submodules, direct data exchange, routing, DPV1, firmware V3.0	X			01/06
CPU 417-4H	6ES7 417-4HL01-0AB0	V3.1	Redundant CPU with fails-safe functionality, work memory 2 MB code and 2 MB data; (expandable up to 20 MB); 0.1 ms/kA; 16K DI/O; 64 connections; 2*DP/MPI and 2 slots for H-Sync submodules, direct data exchange, routing, DPV1, firmware V3.1	X	X		01/06

¹⁾ The new driver concept (PCS7 V5.2) is only supported by the CPUs with the FW V3.0 or higher

Properties:

W = Module wizard: X = Supported

C = CiR support: X = Supported

R = Redundant I/O: X = Supported; A = Redundant connection possible
M = module-specific; C = channel-specific

T = Type discontinued: at specified date

Product Name	MLFB	FW Version	Short Description	Properties			
				W	C	R	T

CPU as of 08/04 (as of PCS7 V6.1)							
CPU 414-3	6ES7 414-3XJ04-0AB0	V4.x	S7 CPU; work memory 0.7 MB code and 0.7 MB data; 0.06 ms/kAW; 8K DI/O; 32 connections; 1*DP/MPI, 1*DP and 1slot for IF submodules; send and receive functionality for direct data exchange; constant bus cycle time and isochronous mode; routing; firmware V4.0	X	X		03/07
CPU 416-2	6ES7 416-2XK04-0AB0	V4.x	S7 CPU; work memory 1.4 MB code and 1.4 MB data; 0.04 ms/kAW; 16K DI/O; 64 connections; 1*DP/MPI and 1*DP; send and receive functionality for direct data exchange; constant bus cycle time and isochronous mode; routing; firmware V4.0	X	X		03/07
CPU 416-3	6ES7 416-3XL04-0AB0	V4.x	S7 CPU; work memory 2.8 MB code and 2.8 MB data; 0.04 ms/kAW; 16K DI/O; 64 connections; 1*DP/MPI, 1*DP and 1 slot for IF submodules; send and receive functionality for direct data exchange; constant bus cycle time and isochronous mode; routing; firmware V4.0	X	X		03/07
CPU 417-4	6ES7 417-4XL04-0AB0	V4.x	S7 CPU; work memory 10 MB code and 10 MB data; 0.03 ms/kAW; 16K DI/O; 64 connections; 1*DP/MPI, 1*DP and 2 slots for IF submodules; send and receive functionality for direct data exchange; constant bus cycle time and isochronous mode; routing; firmware V4.0	X	X		03/07
CPU 414-4H	6ES7 414-4HJ04-0AB0	V4.x	S7 CPU; supports redundant and fail-safe mode, work memory 0.7 MB code and 0.7 MB data; 0.08 ms/kAW; 8K DI/O; 32 connections; 1*DP/MPI, 1*DP and 2 slots for H-Sync submodules; firmware V4.0	X	X		01/10
CPU 417-4H	6ES7 417-4HL04-0AB0	V4.x	S7 CPU; supports redundant and fail-safe mode; work memory 10 MB code and 10 MB data; 0.03 ms/kAW; 16K DI/O; 64 connections; 1*DP/MPI, 1*DP und 2 slots for H-Sync submodules; firmware V4.0	X	X		01/10

Properties:

W = Module wizard: X = Supported
C = CiR support: X = Supported

R = Redundant I/O: X = Supported; A = Redundant connection possible
M = module-specific; C = channel-specific

T = Type discontinued: at specified date

Product Name	MLFB	FW Version	Short Description	Properties			
				W	C	R	T

CPU as of 12/06 (as of PCS7 V7.0)							
CPU 414-3 DP	6ES7 414-3XM05-0AB0	V5.0	S7 CPU; work memory 1.4 MB code and 1.4 MB data; 0.045 ms/kAW; 8K DI/O; 32 connections; 1*DP/MPI, 1*DP and 1 slot for IF modules; supports redundant and fail-safe mode for direct data communication; constant bus cycle time and isochronous mode; routing; firmware V5.0	X	X		
CPU 414-3 DP	6ES7 414-3XM05-0AB0	V5.1 .. V5.3	S7 CPU; work memory 1.4 MB code and 1.4 MB data; 0.045 ms/kAW; 8K DI/O; 32 connections; 1*DP/MPI, 1*DP and 1 slot for IF modules; send and receive functionality for direct data communication; constant bus cycle time and isochronous mode; routing; integrated data record gateway; firmware V5.1 .. V5.3	X	X		
CPU 414-3 PN/DP	6ES7 414-3EM05-0AB0	V5.0	S7 CPU; work memory 1.4 MB code and 1.4 MB data; 0.045 ms/kAW; 8K DI/O; 32 connections; 1*DP/MPI, 1*PN and 1 slot for IF module; send and receive functionality for direct data communication; constant bus cycle time and isochronous mode; routing; firmware V5.0	X	X		
CPU 414-3 PN/DP	6ES7 414-3EM05-0AB0	V5.1 .. V5.3	S7 CPU; work memory 1.4 MB code and 1.4 MB data; 0.045 ms/kAW; 8K DI/O; 32 connections; 1*DP/MPI, 1*PN and 1 slot for IF modules; send and receive functionality for direct data communication; constant bus cycle time and isochronous mode; routing; integrated data record gateway; firmware V5.1 .. V5.3	X	X		
CPU 416-2 DP	6ES7 416-2XN05-0AB0	V5.0	S7 CPU; work memory 2.8 MB code and 2.8 MB data; 0.030 ms/kAW; 16K DI/O; 64 connections; 1*DP/MPI and 1*DP; send and receive functionality for direct data communication; constant bus cycle time and isochronous mode; routing; firmware V5.0	X	X		
CPU 416-2 DP	6ES7 416-2XN05-0AB0	V5.1 .. V5.3	S7 CPU; work memory 2.8 MB code and 2.8 MB data; 0.030 ms/kAW; 16K DI/O; 64 connections; 1*DP/MPI and 1*DP; send and receive functionality for direct data communication; constant bus cycle time and isochronous mode; routing; integrated data record gateway; firmware V5.1 .. V5.3	X	X		

Properties:

W = Module wizard: X = Supported

C = CiR support: X = Supported

R = Redundant I/O: X = Supported; A = Redundant connection possible

M = module-specific; C = channel-specific

T = Type discontinued: at specified date

Product Name	MLFB	FW Version	Short Description	Properties			
				W	C	R	T

CPU as of 12/06 (as of PCS7 V7.0)							
CPU 416-3 DP	6ES7 416-3XR05-0AB0	V5.0	S7 CPU; work memory 5.6 MB code and 5.6 MB data; 0.030 ms/kAW; 16K DI/O; 64 connections; 1*DP/MPI, 1*DP and 1 slot for IF module; send and receive functionality for direct data communication; constant bus cycle time and isochronous mode; routing; firmware V5.0	X	X		
CPU 416-3 DP	6ES7 416-3XR05-0AB0	V5.1 .. V5.3	S7 CPU; work memory 5.6 MB code and 5.6 MB data; 0.030 ms/kAW; 16K DI/O; 64 connections; 1*DP/MPI, 1*DP and 1 slot for IF modules; send and receive functionality for direct data communication; constant bus cycle time and isochronous mode; routing; firmware V5.1 .. V5.3	X	X		
CPU 416-3 PN/DP	6ES7 416-3ER05-0AB0	V5.0	S7 CPU; work memory 5.6 MB code and 5.6 MB data; 0.030 ms/kAW; 16K DI/O; 64 connections; 1*DP/MPI, 1*PN and 1 slot for IF module; send and receive functionality for direct data communication; constant bus cycle time and isochronous mode; routing; ; firmware V5.0	X	X		
CPU 416-3 PN/DP	6ES7 416-3ER05-0AB0	V5.1 .. V5.3	S7 CPU; work memory 5.6 MB code and 5.6 MB data; 0.030 ms/kAW; 16K DI/O; 64 connections; 1*DP/MPI, 1*PN and 1 slot for IF modules; send and receive functionality for direct data communication; constant bus cycle time and isochronous mode; routing; firmware V5.1 .. V5.3	X	X		
CPU 417-4 DP	6ES7 417-4XT05-0AB0	V5.0	S7 CPU; work memory 15 MB code and 15 MB data; 0.018 ms/kAW; 16K DI/O; 64 connections; 1*DP/MPI, 1*DP and 2 slots for IF modules; send and receive functionality for direct data communication; constant bus cycle time and isochronous mode; routing; firmware V5.0	X	X		
CPU 417-4 DP	6ES7 417-4XT05-0AB0	V5.1 .. V5.3	S7 CPU; work memory 15 MB code and 15 MB data; 0.018 ms/kAW; 16K DI/O; 64 connections; 1*DP/MPI, 1*DP and 2 slots for IF modules; send and receive functionality for direct data communication; constant bus cycle time and isochronous mode; routing; firmware V5.1 .. V5.3	X	X		

CPU as of 08/10 (as of PCS7 V7.1.2)							
CPU 414-3 PN/DP	6ES7 414-3EM06-0AB0	V6.x	S7 CPU; work memory 2,0 MB code and 2,0 MB data; 0.045 ms/kAW; 8K DI/O; 64 connections; 1*DP/MPI, 1*PN and 1 slot for IF module; send and receive functionality for direct data communication; constant bus cycle time and isochronous mode; routing; firmware V6.x	X	X		
CPU 416-3 PN/DP	6ES7 416-3ES06-0AB0	V6.x	S7 CPU; work memory 8,0 MB code and 8,0 MB data; 0.030 ms/kAW; 16K DI/O; 96 connections; 1*DP/MPI, 1*PN and 1 slot for IF modules; send and receive functionality for direct data communication; constant bus cycle time and isochronous mode; routing; firmware V6.x	X	X		

Properties:

W = Module wizard: X = Supported
C = CiR support: X = Supported

R = Redundant I/O: X = Supported; A = Redundant connection possible
M = module-specific; C = channel-specific
T = Type discontinued: at specified date

Product Name	MLFB	FW Version	Short Description	Properties			
				W	C	R	T

CPU as of 09/07(as of PCS7 V7.0.1)							
CPU 412-3H	6ES7 412-3HJ14-0AB0	V4.5	S7 CPU; Supports redundant and fail-safe mode; work memory 0.5 MB code und 0.25 MB data; 0.075 ms/kAW; 8K DI/O; 16 connections; 1*DP/MPI, 1*DP and 2 slots for H-Sync modules; firmware V4.5	X	X		
CPU 414-4H	6ES7 414-4HM14-0AB0	V4.5	S7 CPU; Supports redundant and fail-safe mode; work memory 1.4 MB code and 1.4 MB data; 0.045 ms/kAW; 8K DI/O; 32 connections; 1*DP/MPI, 1*DP and 2 slots for H-Sync modules; firmware V4.5	X	X		
CPU 417-4H	6ES7 417-4HT14-0AB0	V4.5	S7 CPU; Supports redundant and fail-safe mode; work memory 15MB code und 15MB data; 0.018 ms/kAW; 16KB DI/O; 64 connections; 1*DP/MPI, 1*DP and 2 slots for H-Sync modules; firmware V4.5	X	X		

Properties:

W = Module wizard: X = Supported

C = CiR support: X = Supported

R = Redundant I/O: X = Supported; A = Redundant connection possible

M = module-specific; C = channel-specific

T = Type discontinued: at specified date

Product Name	MLFB	FW Version	Short Description	Properties			
				W	C	R	T

IM							
IM 460-0	6ES7 460-0AA00-0AB0		Send IM, 3m, without voltage transmission, with communication bus				12/01
IM 460-0	6ES7 460-0AA01-0AB0		Send IM for central coupling up to 3 m, no 5 V signal transmission, with communication bus				
IM 460-1	6ES7 460-1BA00-0AB0		Send IM, 1.5 m, with voltage signal transmission, no communication bus				12/01
IM 460-1	6ES7 460-1BA01-0AB0		Send IM for central coupling up to 1.5m; with voltage signal transmission, without communication bus				
IM 460-3	6ES7 460-3AA00-0AB0		Send IM, 100 m, no voltage signal transmission, with communication bus				12/01
IM 460-3	6ES7 460-3AA01-0AB0		Send IM, 100 m, no voltage signal transmission, with communication bus				
IM 460-4	6ES7 460-4AA01-0AB0		Send IM, 600 m, voltage signal transmission, no communication bus				
IM 461-0	6ES7 461-0AA00-0AA0		Receive IM for central coupling up to 3 m, voltage signal transmission, with communication bus				12/01
IM 461-0	6ES7 461-0AA01-0AA0		Receive IM for central coupling up to 3m, voltage signal transmission, with communication bus				
IM 461-1	6ES7 461-1BA00-0AA0		Receive IM, 1.5 m, with 5 V signal transmission, no communication bus				12/01
IM 461-1	6ES7 461-1BA01-0AA0		Receive IM for central coupling up to 1.5 m, with voltage signal transmission, no communication bus				
IM 461-3	6ES7 461-3AA00-0AA0		Receive IM, 100 m, no voltage signal transmission, with communication bus				12/01
IM 461-3	6ES7 461-3AA01-0AA0		Receive IM, 100 m, no voltage signal transmission, with communication bus				
IM 461-4	6ES7 461-4AA01-0AA0		Receive IM, 600 m, no voltage signal transmission, with communication bus				
IM 463-2	6ES7 463-2AA00-0AA0		Send IM, 600 m, for interconnection S5-EG with IM314				

Properties:

W = Module wizard: X = Supported

C = CiR support: X = Station insertion/removal by means of CiR is supported; S = Station can be reprogrammed in "online" mode;

M = Module insertion/removal by means of CiR is supported; O = Module can be reprogrammed in "online" mode;

R = Redundant I/O: X = Supported A = Redundant connection possible

M = module-specific; C = channel-specific

T = Type discontinued: at specified date

Product Name	MLFB	FW Version	Short Description	Properties			
				W	C	R	T

PS							
PS 405 10 A	6ES7 405-0KA00-0AA0		Power supply 24 VDC/10 A				02/01
PS 405 10 A	6ES7 405-0KA01-0AA0		PS 405, 24 VDC/10 A standard PS				03/05
PS 405 10 A	6ES7 405-0KA02-0AA0		PS 405, 24 VDC/10 A, ATEX approval				
PS 405 20 A	6ES7 405-0RA01-0AA0		PS 405, 24 VDC/20 A, standard PS				
PS 405 20 A	6ES7 405-0RA02-0AA0		PS 405, 24 VDC/20 A, standard PS, ATEX approval				
PS 405 10 A	6ES7 405-0KR00-0AA0		PS 405, 24 VDC/10 A, redundant PS				
PS 405 10 A	6ES7 405-0KR02-0AA0		PS 405, 24 VDC/10 A, redundant PS, ATEX approved				
PS 407 10 A	6ES7 407-0KA00-0AA0		Power supply 120/230 VAC/10 A				03/99
PS 407 10 A	6ES7 407-0KA01-0AA0		PS 407, 120/230 VAC / 10 A, standard PS				
PS 407 10 A	6ES7 407-0KA02-0AA0		PS 407, 120/230 VAC / 10 A, standard PS				
PS 407 20 A	6ES7 407-0RA01-0AA0		PS 407, 120/230 VAC / 20 A, standard PS				
PS 407 20 A	6ES7 407-0RA02-0AA0		PS 407, 120/230 VAC / 20 A, standard PS				
PS 407 10 A	6ES7 407-0KR00-0AA0		PS 407, 120/230 VAC / 10 A, redundant PS				
PS 407 10 A	6ES7 407-0KR02-0AA0		PS 407, 120/230 VAC / 10 A, redundant PS				
Racks							
UR2	6ES7 400-1JA00-0AA0		Universal rack, 9 slots, not suitable for redundant power supply modules				01/98
UR2	6ES7 400-1JA01-0AA0		UR2; universal rack, 9 slots				
UR2ALU	6ES7 400-1JA11-0AA0		UR2; universal aluminum rack, 9 slots				
UR1	6ES7 400-1TA00-0AA0		Universal rack, 18 slots, not suitable for redundant power supply modules				08/98
UR1	6ES7 400-1TA01-0AA0		UR1; universal rack, 18 slots				
UR1ALU	6ES7 400-1TA11-0AA0		UR1; universal aluminum rack, 18 slots				
UR2-H	6ES7 400-2JA00-0AA0		Central rack, 18 slots, 2 segments (9+9), preferably used for H systems				
UR2ALU-H	6ES7 400-2JA10-0AA0		Central aluminum rack, 18 slots, 2 segments (9+9), preferably used for H systems				

Properties:

W = Module wizard:

C = CiR support:

R = Redundant I/O:

T = Type discontinued:

X = Supported

X = Station insertion/removal by means of CiR is supported; S = Station can be reprogrammed in "online" mode; M = Module insertion/removal by means of CiR is supported; O = Module can be reprogrammed in "online" mode;

X = Supported A = Redundant connection possible

M = module-specific; C = channel-specific

at specified date

Product Name	MLFB	FW Version	Short Description	Properties			
				W	C	R	T

SM - DI							
SM421 DI32x24VDC	6ES7 421-1BL00-0AA0		Digital input module; 32 DI, 24 VDC, rooting in groups of 32	X			10/04
SM421 DI32x24VDC	6ES7 421-1BL01-0AA0		Digital input module; 32 DI, 24 VDC, rooting in groups of 32	X			
SM421 DI32x120VAC	6ES7 421-1EL00-0AA0		Digital input module; 32 DI, 120 V UC, rooting in groups of 8	X			
SM421 DI16x120/230VUC	6ES7 421-1FH00-0AA0		Digital input module; 16 DI, 120/230 V UC, rooting in groups of 4	X			08/02
SM421 DI16x120/230VUC	6ES7 421-1FH20-0AA0		Digital input module; 16 DI, 120/230 V UC, rooting in groups of 4, input characteristic to IEC 1131, type 2	X			
SM421 DI16x24VDC	6ES7 421-7BH00-0AB0		Digital input module; 16 DI, 24VDC, single-channel rooting, process and diagnostic interrupt, substitute values can be assigned as parameters	X			10/04
SM421 DI 16xDC 24V	6ES7 421-7BH01-0AB0		Digital input module; 16 DI, DC 24 V, rooting in groups of 8, process and diagnostic interrupt, substitute values can be assigned as parameters	X			
SM421 DI16x24/60VUC interrupt	6ES7 421-7DH00-0AB0		Digital input module; 16 DI, 24...60 V UC, single-channel rooting, process and diagnostic interrupt	X			
SM421 DI16x120VAC	6ES7 421-5EH00-0AA0		Digital input module; 16 DI, 120 VAC, single-channel rooting, input characteristic to IEC 1131, type 2	X			10/04
SM - DO							
SM422 DO16x24VDC/2A	6ES7 422-1BH10-0AA0		Digital output module; 16 DO 24 VDC/2 A, rooting in groups of 8	X			10/04
SM422 DO16x24VDC/2A	6ES7 422-1BH11-0AA0		Digital output module; 16 DO 24 VDC/2 A, rooting in groups of 8	X			
SM422 DO32x24VDC/0.5A	6ES7 422-1BL00-0AA0		Digital output module; 32 DO 24 VDC/0.5 A, rooting in groups of 32	X			
SM422 DO8x 120/230VAC/5A	6ES7 422-1FF00-0AA0		Digital output module; 8DO 120/230 VAC/5 A, single-channel rooting	X			10/04
SM422 DO16x120/230VAC/2A	6ES7 422-1FH00-0AA0		Digital output module; 16 DO 120/230 VAC/2 A, rooting in groups of 4	X			
SM422 DO16x 230VAC/5A Relays	6ES7 422-1HH00-0AA0		Digital output module; DO 16xrel., 230 VAC/60 VDC/5 A, rooting in groups of 4	X			
SM422 DO32x 24VDC/0.5A	6ES7 422-7BL00-0AB0		Digital output module; 32 DO, 24 VDC/0.5 A, rooting in groups of 8, diagnostics, programmable substitute values	X			
SM422 DO16x 120VAC/2A	6ES7 422-5EH00-0AB0		Digital output module 16 DO, 120 VAC/2 A, diagnostics	X			10/04
SM422 DO16x 20-125VDC/1.5A	6ES7 422-5EH10-0AB0		Digital output module 16 DO, 20-125 VDC/1.5 A, diagnostics, rooting in groups of 8	X			10/04
SM - AI							
SM431 AI16x13 bits	6ES7 431-0HH00-0AB0		Analog input module; AI 16x13 bits, integration time 16.7/20 ms	X			
SM431 AI8 x 13 bits	6ES7 431-1KF00-0AB0		Analog input module AI 8x12+1 bits, integration time 16.7/20 ms	X			
SM431 AI8 x 14 bits	6ES7 431-1KF10-0AB0		Analog input module AI 8x13+1 bits, integration time 16.7/2 0ms; linearization (RTD/TC)	X			
SM431 AI8 x 14 bits	6ES7 431-1KF20-0AB0		Analog input module AI 8x13+1 bits, conversion time 10 µs	X			
SM431 AI16 x 16 bits	6ES7 431-7QH00-0AB0		Analog input module AI 16x15+1 bits, integration time 16.7/20 ms; linearization (RTD/TC), diagnostics	X			
SM431 AI8 x 16 bits	6ES7 431-7KF00-0AB0		Analog input module "TC/U" 8 channels, isolated per channel	X			
SM431 AI8 x 16 bits	6ES7 431-7KF10-0AB0		Analog input module "RTD" 16 bits, 8 channels	X			
SM - AO							
SM432 AO8 x 13 bits	6ES7 432-1HF00-0AB0		Analog output module AO 8x13 bits, conversion time 420 µs, 0 V to 10 V/0..20 mA	X			

Properties:

W = Module wizard: X = Supported
C = CiR support: X = Station insertion/removal by means of CiR is supported; S = Station can be reprogrammed in "online" mode;
R = Redundant I/O: M = Module insertion/removal by means of CiR is supported; O = Module can be reprogrammed in "online" mode;
X = Supported A = Redundant connection possible T = TIA release only
M = module-specific; C = channel-specific
T = Type discontinued: at specified date

Notice:

The SIPLUS versions of the modules contained in this document are also released for PCS7.