

RefNr	Description	Features	Siemens-Article	Description	Additional costs Siemens	VIPA-Option
314-2AG23	VIPA CPU 314SB DPM	Powered by SPEED7 Work memory [KB]: 512...1.024 Interface [RJ45]: Ethernet PG/OP communication Interface [2x RS485]: MPI, PROFIBUS master/slave, PtP: ASCII, STX/ETX, 3964(R), USS master, Modbus master/slave SD/MMC card slot with locking, up to 32 modules stackable, programmable with WinPLC7, SIMATIC Manager and TIA Portal	6ES7315-2AH14-0AB0	SIMATIC S7-300, CPU 315-2DP Central processing unit with MPI Integr. power supply 24 V DC Work memory 256 KB 2nd interface DP master/slave Micro Memory Card required	Minimum MMC card 6ES7953-8LF31-0AA0 required. Flash-EPROM 64 kB. Price: 39,50 €	
314-2BG23	VIPA CPU 314SE	Powered by SPEED7 Work memory [KB]: 256...1.024 Interface [RJ45]: Ethernet PG/OP communication Interface [2x RS485]: MPI, PROFIBUS slave, PtP: ASCII, STX/ETX, 3964(R), USS master, Modbus master/slave SD/MMC card slot with locking, up to 32 modules stackable, programmable with WinPLC7, SIMATIC Manager and TIA Portal	6ES7312-1AE14-0AB0	SIMATIC S7-300, CPU 312 Central processing unit with MPI, Integr. power supply 24 V DC, Work memory 32 KB, Micro Memory Card required	Minimum MMC card 6ES7953-8LF31-0AA0 required. Flash-EPROM 64 kB. Price: 39,50 €	
See VIPA CPU above	See VIPA CPU above	See VIPA CPU above	6ES7314-1AG14-0AB0	SIMATIC S7-300, CPU 314 Central processing unit with MPI, Integr. power supply 24 V DC, work memory 128 KB, Micro Memory Card required	Minimum MMC card 6ES7953-8LF31-0AA0 required. Flash-EPROM 64 kB. Price: 39,50 €	
315-2AG23	VIPA CPU 315SB	Powered by SPEED7 Work memory [KB]: 1.024...4.096 Interface [RJ45]: Ethernet PG/OP communication Interface [2x RS485]: MPI, PROFIBUS master/slave, PtP: ASCII, STX/ETX, 3964(R), USS master, Modbus master/slave SD/MMC card slot with locking, up to 32 modules stackable, programmable with WinPLC7, SIMATIC Manager and TIA Portal	6ES7 317-2AK14-0AB0	SIMATIC S7-300, CPU 317-2 DP, Central processing unit with 1 MB work memory, 1st interface MPI/DP 12 Mbit/s, 2nd interface DP master/slave Micro Memory Card required	Minimum MMC card 6ES7953-8LF31-0AA0 required. Flash-EPROM 64 kB. Price: 39,50 €	
317-2AJ23	VIPA CPU 317SE	Powered by SPEED7 Work memory [KB]: 4.096...8.192 SPEED-Bus Interface [RJ45]: Ethernet PG/OP communication Interface [2x RS485]: MPI, PROFIBUS master/slave, PtP: ASCII, STX/ETX, 3964(R), USS master, Modbus master/slave SD/MMC card slot with locking, up to 32 modules stackable, programmable with WinPLC7, SIMATIC Manager and TIA Portal	6ES7 317-2AK14-0AB0	SIMATIC S7-300, CPU 317-2 DP, Central processing unit with 1 MB work memory, 1st interface MPI/DP 12 Mbit/s, 2nd interface DP master/slave Micro Memory Card required	Minimum MMC card 6ES7953-8LF31-0AA0 required. Flash-EPROM 64 kB. Price: 39,50 €	
315-4NE23	VIPA CPU 315SN	Powered by SPEED7 Work memory [KB]: 1.024...4.096 Integrated Ethernet CP343-Lean Interface [RJ45]: Ethernet PG/OP communication Interface [RJ45]: active Ethernet CP343 & PG/OP-communication Interface [RS485]: MPI Interface [RS485]: PROFIBUS master/slave, PtP: ASCII, STX/ETX, 3964(R), USS master, Modbus master/slave SD/MMC card slot with locking, up to 32 modules stackable, programmable with WinPLC7, SIMATIC Manager and TIA Portal	6ES7 315-2EH14-0AB0	SIMATIC S7-300 CPU 315-2 PN/DP, Central processing unit with 384 KB work memory, 1st interface MPI/DP 12 Mbit/s, 2nd interface Ethernet PROFINET, with 2-port switch, Micro Memory Card required	Minimum MMC card 6ES7953-8LF31-0AA0 required. Flash-EPROM 64 kB. Price: 39,50 €	

<b>317-4NE23</b>	VIPA CPU 317SN	<p>Powered by SPEED7  Work memory [KB]: 4.096...8.192  Integrated Ethernet CP343  SPEED-Bus  Interface [RJ45]: Ethernet PG/OP communication  Interface [RJ45]: active Ethernet CP 343 &amp; PG/OP communication  Interface [RS485]: MPI  Interface [RS485]: PROFIBUS master/slave, PTP: ASCII, STX/ETX, 3964(R), USS master, Modbus master/slave  SD/MMC card slot with locking, up to 32 modules stackable, programmable with WinPLC7, SIMATIC Manager and TIA Portal</p>	<b>6ES7 317-2AK14-0A80</b>	SIMATIC S7-300, CPU 317-2 DP, Central processing unit with 1 MB work memory, 1st interface MPI/DP 12 Mbit/s, 2nd interface DP master/slave Micro Memory Card required	<p>Minimum MMC card 6ES7953-8LF31-0AA0 required. Flash-EPROM 64 kB.  Price: 39,50 €</p>	
<b>315-4PN23</b>	VIPA CPU 315PN	<p>Powered by SPEED7  Work memory [KB]: 1.024...4.096  Integrated PROFINET controller  Interface [RJ45]: PROFINET  Interface [RJ45]: Ethernet PG/OP communication  Interface [RS485]: MPI  Interface [RS485]: PROFIBUS master/slave, PTP: ASCII, STX/ETX, 3964(R), USS master, Modbus master/slave  SD/MMC card slot with locking, up to 32 modules stackable, programmable with WinPLC7, SIMATIC Manager and TIA Portal</p>	<b>6ES7315-2EH14-0A80</b>	SIMATIC S7-300 CPU 315-2 PN/DP, Central processing unit with 384 KB work memory, 1st interface MPI/DP 12 Mbit/s, 2nd interface Ethernet PROFINET, with 2-port switch, Micro Memory Card required	<p>Minimum MMC card 6ES7953-8LF31-0AA0 required. Flash-EPROM 64 kB.  Price: 39,50 €</p>	Optional: 315-4PN43 + MMC 953-1LJ00
<b>317-4PN23</b>	VIPA CPU 317PN	<p>Powered by SPEED7  Work memory [KB]: 8MB  Integrated PROFINET controller  SPEED-Bus  Interface [RJ45]: PROFINET  Interface [RJ45]: Ethernet PG/OP communication  Interface [RS485]: MPI  Interface [RS485]: PROFIBUS master/slave, PTP: ASCII, STX/ETX, 3964(R), USS master, Modbus master/slave  SD/MMC card slot with locking, up to 32 modules stackable, programmable with WinPLC7, SIMATIC Manager and TIA Portal</p>	<b>6ES7 317-2EK14-0A80</b>	SIMATIC S7-300 CPU 317-2 PN/DP, Central processing unit with 1 MB work memory, 1st interface MPI/DP 12 Mbit/s, 2nd interface Ethernet PROFINET, with 2-port switch, Micro Memory Card required	<p>Minimum MMC card 6ES7953-8LF31-0AA0 required. Flash-EPROM 64 kB.  Price: 39,50 €</p>	Optional: 315-4PN23 + MMC 953-1LK00
<b>See VIPA CPU above</b>	<b>See VIPA CPU above</b>	<b>See VIPA CPU above</b>	<b>6ES7318-3EL01-0A80</b>	SIMATIC S7-300 CPU 319-3 PN/DP, Central processing unit with 2 MB work memory, 1st interface MPI/DP 12 Mbit/s, 2nd interface DP master/slave 3rd interface Ethernet PROFINET, with 2-port switch, Micro Memory Card required	<p>Minimum MMC card 6ES7953-8LF31-0AA0 required. Flash-EPROM 64 kB.  Price: 39,50 €</p>	
<b>312-5BE23</b>	VIPA CPU 312SC	<p>Powered by SPEED7  Work memory [KB]: 128...1.024  Onboard 16x DI / 8x DO / 2x Counter / 2x PWM  Interface [RJ45]: Ethernet PG/OP communication  Interface [2x RS485]: MPI, PTP: ASCII, STX/ETX, 3964(R), USS master, Modbus master/slave  Including front connector  SD/MMC card slot with locking, up to 8 modules stackable, programmable with WinPLC7, SIMATIC Manager and TIA Portal</p>	<b>6ES7312-5BF04-0A80</b>	SIMATIC S7-300, CPU 312C Compact CPU with MPI, 10 DI/6 DO, 2 high-speed counters (10 kHz) Integr. power supply 24 V DC, work memory 64 KB, Front connector (1x 40-pole) and Micro Memory Card required	<p>Minimum MMC card 6ES7953-8LF31-0AA0 required. Flash-EPROM 64 kB.  Price: 39,50 €</p>	

313-5BF23	VIPA CPU 313SC	<p>Powered by SPEED7 Work memory [KB]: 256...1.024 Onboard 24x DI / 16x DO / 5x AI [current/voltage] / 2x AO / 1x Pt100 / 3x Counter / 3x PWM Interface [RJ45]: Ethernet PG/OP communication Interface [2x RS485]: MPI, PTP: ASCII, STX/ETX, 3964(R), USS master, Modbus master/slave Including front connector SD/MMC card slot with locking, up to 8 modules stackable, programmable with WinPLC7, SIMATIC Manager and TIA Portal</p>	6ES7313-5BG04-0AB0	SIMATIC S7-300, CPU 313C, Compact CPU with MPI, 24 DI/16 DO, 4 AI, 2 AO, 1 Pt100, 3 high-speed counters (30 kHz), Integr. power supply 24 V DC, work memory 128 KB, Front connector (2x 40-pole) and Micro Memory Card required	Minimum MMC card 6ES7953-8LF31-0AA0 required. Flash-EPROM 64 kB. Price: 39,50 €	
See VIPA CPU above	See VIPA CPU above	See VIPA CPU above	6ES7314-6CH04-0AB0	SIMATIC S7-300, CPU 314C-2 DP Compact CPU with MPI, 24 DI/16 DO, 4 AI, 2 AO, 1 Pt100, 4 high-speed counters (60 kHz), integrated DP interface, Integr. power supply 24 V DC, work memory 192 KB, Front connector (2x 40-pole) and Micro Memory Card required	Minimum MMC card 6ES7953-8LF31-0AA0 required. Flash-EPROM 64 kB. Price: 39,50 €	
313-6CF23	VIPA CPU 313SC DPM	<p>Powered by SPEED7 Work memory [KB]: 256...1.024 Onboard 16x DI / 16x DO / 3x Counter / 3x PWM Interface [RJ45]: Ethernet PG/OP communication Interface [2x RS485]: MPI, PROFIBUS master/slave, PTP: ASCII, STX/ETX, 3964 (R), USS master, Modbus master/slave Including front connector SD/MMC card slot with locking, up to 32 modules stackable, programmable with WinPLC7, SIMATIC Manager and TIA Portal</p>	6ES7313-6BG04-0AB0	SIMATIC S7-300, CPU 313C-2 PTP Compact CPU with MPI, 16 DI/16 DO, 3 high-speed counters (30 kHz), integrated interface RS485, Integr. power supply 24 V DC, work memory 128 KB, Front connector (1x 40-pole) and Micro Memory Card required	Minimum MMC card 6ES7953-8LF31-0AA0 required. Flash-EPROM 64 kB. Price: 39,50 €	
314-6CF23	VIPA CPU 314ST	<p>Powered by SPEED7 Work memory [KB]: 512...2.048 Onboard 8x DI / 8x DIO / 5x AI [current/voltage] / 2x AO / 1x Pt100 / 4x Counter SPEED-Bus Interface [RJ45]: Ethernet PG/OP communication Interface [2x RS485]: MPI, PROFIBUS master/slave, PTP: ASCII, STX/ETX, 3964 (R), USS master, Modbus master/slave Including front connector SD/MMC card slot with locking, up to 32 modules stackable, programmable with WinPLC7, SIMATIC Manager and TIA Portal</p>	6ES7-317-2AK14-0AB0	SIMATIC S7-300, CPU 317-2 DP, Central processing unit with 1 MB work memory, 1st interface MPI/DP 12 Mbit/s, 2nd interface DP master/slave Micro Memory Card required	Minimum MMC card 6ES7953-8LF31-0AA0 required. Flash-EPROM 64 kB. Price: 39,50 €	
314-6CG23	VIPA CPU 314SC DPM	<p>Powered by SPEED7 Work memory [KB]: 512...2.048 Onboard 24x DI / 16x DO / 8x DIO / 5x AI [current/voltage] / 2x AO / 1x Pt100 / 4x Counter / 4x PWM Interface [RJ45]: Ethernet PG/OP communication Interface [2x RS485]: MPI, PROFIBUS master/slave, PTP: ASCII, STX/ETX, 3964 (R), USS master, Modbus master/slave Including front connector SD/MMC card slot with locking, up to 32 modules stackable, programmable with WinPLC7, SIMATIC Manager and TIA Portal</p>	6ES7314-6BH04-0AB0	SIMATIC S7-300, CPU 314C-2 PTP Compact CPU with MPI, 24 DI/16 DO, 4 AI, 2 AO, 1 Pt100, 4 high-speed counters (60 kHz), integrated interface RS485, Integr. power supply 24 V DC, work memory 192 KB, Front connector (2x 40-pole) and Micro Memory Card required	Minimum MMC card 6ES7953-8LF31-0AA0 required. Flash-EPROM 64 kB. Price: 39,50 €	

See VIPA CPU above	See VIPA CPU above	See VIPA CPU above	6ES7314-6CH04-0A80	SIMATIC S7-300, CPU 314C-2 DP Compact CPU with MPI, 24 DI/16 DO, 4 AI, 2 AO, 1 Pt100, 4 high-speed counters (60 kHz), integrated DP interface, Integr. power supply 24 V DC, work memory 192 KB, Front connector (2x 40-pole) and Micro Memory Card required	Minimum MMC card 6ES7953-8LF31-0AA0 required. Flash-EPROM 64 kB. Price: 39,50 €	
307-1BA00	PS 307 - Power supply	AC 100...240 V DC 24 V 2,5 A Without manual switch	6ES7307-1BA01-0AA0	SIMATIC S7-300 Regulated power supply PS307 input: 120/230 V AC, output: 24 V DC/2 A		
307-1EA00	PS 307 - Power supply	AC 120...230 V DC 24 V 5 A 60/50 Hz switchable	6ES7307-1EA01-0AA0	SIMATIC S7-300 Regulated power supply PS307 input: 120/230 V AC, output: 24 V/5 A DC		
307-1FB70	PS 307S - Power supply - SPEED-Bus	DC 24 V 5,5 A Only for 317S PLCs	No SPEED-Bus module			
307-1KA00	PS 307 - Power supply	AC 120...230 V DC 24 V 10 A 60/50 Hz switchable	6ES7307-1KA02-0AA0	SIMATIC S7-300 Regulated power supply PS307 input: 120/230 V AC, output: 24 V / 10 A DC		
321-1BH01	SM 321 - Digital input	16x DI DC 24 V For 20 pole front connector	6ES7321-1BH02-0AA0	SIMATIC S7-300, Digital input SM 321, isolated, 16 DI, 24 V DC, 1x 20-pole		
321-1BH70	SM 321S - FAST Digital input - SPEED-Bus	16x fast DI SPEED-Bus 2,56µs...40ms Parameterizable as Alarm/ETS For 20 pole front connector	No SPEED-Bus module			
321-1BL00	SM 321 - Digital input	32x DI, two groups DC 24 V For 40 pole front connector	6ES7321-1BL00-0AA0	SIMATIC S7-300, Digital input SM 321, Isolated 32 DI, 24 V DC, 1x 40-pole		
321-1FH00	SM 321 - Digital input	16x DI, in groups of 4 AC 120/230 V For 20 pole front connector	6ES7321-1FH00-0AA0	SIMATIC S7-300, Digital input SM 321, Isolated 16 DI, 120/230 V AC, 1x 20-pole		
322-1BF01	SM 322 - Digital output	8x DO, in groups of 4 DC 24 V 2 A For 20 pole front connector	6ES7322-1BF01-0AA0	SIMATIC S7-300, Digital output SM 322, isolated, 8 DO, 24 V DC, 2A, 1x 20-pole		
322-1BH01	SM 322 - Digital output	16x DO, in groups of 8 1 A (per group up to 4 A) For 20 pole front connector	6ES7322-1BH01-0AA0	SIMATIC S7-300, Digital output SM 322, isolated, 16 DO, 24 V DC, 0.5A, 1x 20-pole, Total current 4 A/group (8 A/module)		
322-1BH01-S	SM 322 - Digital output	16x DO, in groups of 8 1 A (per group up to 4 A) Safe shutdown according to EN ISO 13849-1 to category 3 PLD For 20 pole front connector	6ES7 322-1BL00-0AA0 (above hardware version 10)	SIMATIC S7-300, Digital output SM 322, isolated, 32 DO, 24 V DC, 0.5A, 1x 40-pole, Total current 4 A/group (16 A/module)		
322-1BH41	SM 322 - Digital output	16x DO, in groups of 8 DC 24 V 2 A For 20 pole front connector	-			

<b>322-1BH60</b>	SM 322 - Digital output	16x DO (1x DI activation for outputs) DC 24 V 0.5 A 16 switch, automatic/manual 0/1 For 20 pole front connector	<b>6ES7- 323-1BL00-0AA0 (Without onboard switches)</b>	SIMATIC S7-300, Digital module SM 323, isolated, 16 DI and 16 DO, 24 V DC, 0.5 A, Total current 4A, 1x 40-pole		
<b>322-1BH70</b>	SM 322S - FAST Digital output - SPEED-Bus	16x fast DO SPEED-Bus DC 24 V 0.5 A 100 kHz For 20 pole front connector	<b>No SPEED-Bus module</b>			
<b>322-1BL00</b>	SM 322 - Digital output	32x DO, in groups of 8 DC 24 V 1 A For 40 pole front connector	<b>6ES7 322-1BL00-0AA0</b>	SIMATIC S7-300, Digital output SM 322, isolated, 32 DO, 24 V DC, 0.5A, 1x 40-pole, Total current 4 A/group (16 A/module)		
<b>322-1BL00-S</b>	SM 322 - Digital output	32x DO, in groups of 8 DC 24 V 1 A Safe shutdown according to EN ISO 13849-1 to category 3 PLd For 40 pole front connector	<b>6ES7 322-1BL00-0AA0 (above hardware version 10)</b>	SIMATIC S7-300, Digital output SM 322, isolated, 32 DO, 24 V DC, 0.5A, 1x 40-pole, Total current 4 A/group (16 A/module)		
<b>322-1HH00</b>	SM 322 - Digital output	16x DO, in groups of 8 Relay DC 24 V AC 230 V Contact rating per channel 5 A For 20 pole front connector	<b>6ES7322-1HH01-0AA0</b>	SIMATIC S7-300, Digital output SM 322, Isolated 16 DO, relay contacts, 1x 20-pole		
<b>322-5FF00</b>	SM 322 - Digital output	8x DO in groups of 1 AC 120/230 V 2 A Potential separated per channel Substitute value output (programmable) For 40 pole front connector	<b>6ES7322-5FF00-0AB0</b>	SIMATIC S7-300, Digital output SM 322, isolated, 8 DO, 120/230 V AC, 2A, with single rooting/channel and selectable failure mode, 1x 40-pole		
<b>323-1BH00</b>	SM 323 - Digital in-/output	16x DIO DC 24 V 1 A Diagnostic function For 20 pole front connector	<b>6ES7323-1BH01-0AA0</b>	SIMATIC S7-300, Digital module SM 323, isolated, 8DI and 8DO, 24 V DC, 0.5 A Total current 2A, 1x 20-pole		
<b>323-1BH01</b>	SM 323 - Digital in-/output	8x DI 8x DO DC 24 V 1 A For 20 pole front connector	<b>6ES7323-1BH01-0AA0</b>	SIMATIC S7-300, Digital module SM 323, isolated, 8DI and 8DO, 24 V DC, 0.5 A Total current 2A, 1x 20-pole		
<b>323-1BH70</b>	SM 323S - FAST Digital in-/output - SPEED-Bus	16x DIO SPEED-Bus DC 24 V 0.5 A 100 kHz For 20 pole front connector	<b>No SPEED-Bus module</b>			

<b>323-1BL00</b>	SM 323 - Digital in-/output	16x DI 16x DO DC 24 V 1 A For 40 pole front connector	<b>6ES7323-1BL00-0AA0</b>	SIMATIC S7-300, Digital module SM 323, isolated, 16 DI and 16 DO, 24 V DC, 0.5 A, Total current 4A, 1x 40-pole		
<b>323-1BL00-S</b>	SM 323 - Digital in-/output	16x DI 16x DO DC 24 V 1 A Safe shutdown according to EN ISO 13849-1 to category 3 PLd For 40 pole front connector	-			
<b>331-1KF01</b>	SM 331 - Analog input	8x AI 13 Bit Voltage +/- 10 V, +/- 50 mV, +/- 500 mV, +/- 5 V, 0 V ... +10 V Current +/- 20 mA, 0/4...20 mA Resistance thermometer, thermocouple For 40 pole front connector	<b>6ES7331-1KF02-0AB0</b>	SIMATIC S7-300, Analog input SM 331, Isolated 8 AI, resolution 13 bits U/I/resistor/Pt100, NI100, NI1000, LG-NI1000, PTC/KTY, 66 ms conversion time; 1x 40-pole		
<b>331-7KF01</b>	SM 331 - Analog input	8x AI, in 4 groups 12 Bit Voltage +/- 10 V, +/- 5 V, 1...5 V, +/- 80 mV, +/- 250 mV, +/- 500 mV Current +/- 20 mA, +/- 10 mA, 0/4...20 mA, +/- 3.2 mA Resistance thermometer, thermocouple For 20 pole front connector	<b>6ES7331-7KF02-0AB0</b>	SIMATIC S7-300, Analog input SM 331, isolated, 8 AI, Resolution 9/12/14 bits, U/I/thermocouple/resistor, alarm, diagnostics, 1x 20-pole Removing/inserting with active backplane bus		
<b>331-7KB01</b>	SM 331 - Analog input	2x AI, in 1 group 12 Bit Voltage +/- 10 V, 1...5 V, 0...10 V Current +/- 20 mA, 0/4...20 mA Resistance thermometer, thermocouple For 20 pole front connectors	<b>6ES7331-7KB02-0AB0</b>	SIMATIC S7-300, Analog input SM 331, isolated, 2 AI, Resolution 9/12/14 bits, U/I/thermocouple/resistor, alarm, diagnostics, 1x 20-pole, Removing/inserting with active backplane bus		
<b>331-7AF70</b>	SM 331S - Analog input FAST - SPEED-Bus	8x fast AI 16 Bit Current +/- 20 mA Potential isolation between the channels 25µs...1000µs sampling rate (parameterizable) Memory: 8192 value/channel Oscilloscope-/FIFO-Function Alarm parameterizable For 20 pole front connectors	<b>No SPEED-Bus module</b>			
<b>331-7BF70</b>	SM 331S - Analog input FAST - SPEED-Bus	8x fast AI 16 Bit Voltage +/- 10 V Potential isolation between the channels 25µs...1000µs sampling rate (parameterizable) Memory: 8192 value/channel Oscilloscope-/FIFO-Function Alarm parameterizable For 20 pole front connectors	<b>No SPEED-Bus module</b>			

<b>332-5HB01</b>	SM 332 - Analog output	2x AO 12 Bit Voltage +/- 10 V, 1...5 V, 0...10 V Current +/- 20 mA, 0/4...20 mA Parameterizable	<b>6ES7332-5HB01-0AB0</b>	SIMATIC S7-300, Analog output SM 332, isolated, 2 AO, U/I; resolution 11/12 bits, 20-pole, Removing/inserting with active backplane bus possible		
<b>332-5HD01</b>	SM 332 - Analog output	4x AO 12 Bit Voltage +/- 10 V, 1...5 V, 0...10 V Current +/- 20 mA, 0/4...20 mA Parameterizable	<b>6ES7332-5HD01-0AB0</b>	SIMATIC S7-300, Analog output SM 332, isolated, 4 AO, U/I; diagnostics; resolution 11/12 bits, 20-pole, removing and inserting possible with active backplane bus		
<b>334-0KE00</b>	SM 334 - Analog in-/output	4x AI 2x AO 12 Bit Input: RTD / output voltage 0...10 V Parameterizable For 20 pole front connector	<b>6ES7334-0KE00-0AB0</b>	SIMATIC S7-300, Analog module SM 334, isolated, 4 AI/2 AO, 12 bit, 0-10 V f. Pt100 (climatic range -120-155 degrees) and 10 kOhm measuring range, 1x 20-pole		
<b>341-1AH01</b>	CP 341 - Communication processor	RS232 Isolated Function compatibility to Siemens CP 341 Parameterization via the Siemens parameterization package Data transfer rate up to 76.8 Kbit/s Power supply via backplane bus	<b>6ES7341-1AH02-0AE0</b>	SIMATIC S7-300, CP 341 Communications processor with RS232C interface (RS-232-C) incl. configuration package on CD		
<b>341-1CH01</b>	CP 341 - Communication processor	RS422/485 Isolated Function compatibility to Siemens CP 341 Parameterization via the Siemens parameterization package Data transfer rate up to 76,8 Kbit/s Power supply via backplane bus	<b>6ES7341-1CH02-0AE0</b>	SIMATIC S7-300, CP 341 Communications processor with RS422/485 interface incl. configuration package on CD		
<b>341-2CH71</b>	CP 341S - Communication processor - SPEED-Bus	2x RS422/485 Isolated SPEED-Bus Data transfer rate up to 115.2 Kbit/s Integrated diagnostic buffer	<b>No SPEED-Bus module</b>			
<b>342-1CA70</b>	CP 342S CAN - CANopen master - SPEED-Bus	CANopen master SPEED-Bus 1 Mbit/s 125 CAN slaves connectable 40 Transmit PDOs, 40 Receive PDOs 1 SDO (Server), 127 SDO (Client) Project engineering: VIPA WinCoCT	<b>No SPEED-Bus module</b>			
<b>342-1DA70</b>	CP 342S DP - PROFIBUS-DP master - SPEED-Bus	PROFIBUS DP master SPEED-Bus 12 Mbit/s RS485 124 DP slaves connectable Project engineering: Siemens SIMATIC Manager Diagnostic facilities	<b>No SPEED-Bus module</b>			

<b>342-2IA71</b>	CP 342S IBS - INTERBUS master - SPEED-Bus	Dual INTERBUS master SPEED-Bus 2x RS422 Diagnostic via LEDs Diagnostic device (2x RJ45) Dual Port Master Up to 512 slaves connectable	<b>No SPEED-Bus module</b>		
<b>343-2AH10</b>	CP 343-2P ASI - AS-i master	Up to 62 slaves connectable Corresponding to AS-i specification 3.0 (master profile M3) Support of analog slaves concerning profile 7.3 resp. 7.4 Automatic address programming possible (address 0)	<b>6GK7343-2AH01-0XA0</b> or <b>6GK7343-2AH11-0XA0</b>	SIMATIC NET, CP 343-2 Communications processor for Connection of SIMATIC S7-300 and ET 200M to AS-Interface according to AS-Interface Specification V3.0	
<b>343-1EX71</b>	CP 343S TCP/IP - Ethernet-CP 343 - SPEED-Bus	SPEED-Bus RJ45 16 connections via Siemens NetPro 64 connections via user program 32 PG/OP connections	<b>No SPEED-Bus module</b>		
<b>353-1DP01</b>	IM 353DP - PROFIBUS-DP slave	DC 24 V 12 Mbit/s Up to 29 peripheral modules (16 analog) 244 Byte input- und 244 Byte outputdata Integrated DC 24 V power supply Configuration via GSD-file of VIPA	<b>6ES7153-1AA03-0XB0</b>	SIMATIC DP, Connection IM 153-1, for ET 200M, for max. 8 S7-300 modules	
<b>953-0KX10</b>	MMC - MultiMediaCard	MMC for VIPA CPUs 11x, 21x, 24x, 31x and 51x MMC for 208-1DP01 and CC 03	-		
<b>953-1LE00</b>	Memory Configuration Card (MCC) 32 KB	For SPEED7-CPU 32 KB 16 KB program/16 KB data	-		
<b>953-1LF00</b>	Memory Configuration Card (MCC) 64 KB	For SPEED7-CPU 64 KB 32 KB program/32 KB data	-		
<b>953-1LG00</b>	Memory Configuration Card (MCC) 128 KB	For SPEED7-CPU 128 KB 64 KB program/64 KB data	-		
<b>953-1LH00</b>	Memory Configuration Card (MCC) 256 KB	For SPEED7-CPU 256 KB 128 KB program/128 KB data	-		
<b>953-1LJ00</b>	Memory Configuration Card (MCC) 512 KB	For SPEED7-CPU 512 KB 256 KB program/256 KB data	-		
<b>953-1LK00</b>	Memory Configuration Card (MCC) 1 MB	For SPEED7-CPU 1 MB 512 KB program/512 KB data	-		
<b>953-1LL00</b>	Memory Configuration Card (MCC) 2 MB	For SPEED7-CPU 2 MB 1 MB program/1 MB data	-		
<b>953-1LM00</b>	Memory Configuration Card (MCC) 4 MB	For SPEED7-CPU 4 MB 2 MB program/2 MB data	-		
<b>953-1LP00</b>	Memory Configuration Card (MCC) 8 MB	For SPEED7-CPU 8 MB 4 MB program/4 MB data	-		



955-0000000	VIPA SD-Card (VSD)	Industrial SD card 512 Mbyte (Industrial SLC) Extremely robust against EMC, shock and vibration Temperature range -40 up to 85°C Water-/dust proof in accordance with IP57/IP67 MTBF (25°C) >5.000.000h unrecorded	-		
342-0IA01	CP 342 IBS - Configuration/diagnosis module	LC display 7 buttons Cable 0.5 m RJ45 connector For 342-2IA71	No SPEED-Bus module		
391-1AF10	BP 391 - SPEED-Bus	Length: 530 mm With integrated High-SPEED rear panel bus For 2 expansion slots	No SPEED-Bus module		
391-1AF30	BP 391 - SPEED-Bus	Length: 530 mm With integrated High-SPEED rear panel bus For 6 expansion slots	No SPEED-Bus module		
391-1AF50	BP 391 - SPEED-Bus	Length: 530 mm With integrated High-SPEED rear panel bus For 10 expansion slots	No SPEED-Bus module		
391-1AJ10	BP 391 - SPEED-Bus	Length: 830 mm With integrated High-SPEED rear panel bus For 2 expansion slots Left justified	No SPEED-Bus module		
391-1AJ30	BP 391 - SPEED-Bus	Length: 830 mm With integrated High-SPEED rear panel bus For 6 expansion slots Left justified	No SPEED-Bus module		
391-1AJ50	BP 391 - SPEED-Bus	Length: 830 mm With integrated High-SPEED rear panel bus For 10 expansion slots Left justified	No SPEED-Bus module		
390-1AB60	Profile rail	Length: 160 mm	6ES7390-1AB60-0AA0	SIMATIC S7-300, mounting rail, length: 160 mm	
390-1AE80	Profile rail	Length: 482 mm	6ES7390-1AE80-0AA0	SIMATIC S7-300, mounting rail, length: 482.6 mm	
390-1AF30	Profile rail	Length: 530 mm	6ES7390-1AF30-0AA0	SIMATIC S7-300, mounting rail, length: 530 mm	
390-1AJ30	Profile rail	Length: 830 mm	6ES7390-1AJ30-0AA0	SIMATIC S7-300, mounting rail, length: 830 mm	
392-1AJ00	Front connector	20 pole Screw contact	6ES7392-1AJ00-0AA0	SIMATIC S7-300, Front connector for signal modules with screw contacts, 20-pole	
392-1BJ00	Front connector	20 pole Cage clamps	6ES7392-1BJ00-0AA0	SIMATIC S7-300, Front connector for signal modules with spring-loaded contacts, 20-pole	
392-1AM00	Front connector	40 pole Screw contact	6ES7392-1AM00-0AA0	SIMATIC S7-300, Front connector with screw contacts, 40-pole	
392-1BM01	Front connector	40 pole Cage clamps	6ES7392-1BM01-0AA0	SIMATIC S7-300, Front connector for signal modules with spring-loaded contacts, 40-pole	

922-3BC50	Preassembled front connectors	<p>For 300 series  20 pin with 20 single cores 0,5 mm<sup>2</sup>  All the wires are marked at regular intervals with wire numbers  Wire type H05V-K  Permissible constant current by pressure of all wires, max. 1,5 A  Nominal operating voltage DC 24 V  Cable length: 2,5 m</p>	-			
922-3BD20	Preassembled front connectors	<p>For 300 series  20 pin with 20 single cores 0,5 mm<sup>2</sup>  All the wires are marked at regular intervals with wire numbers  Wire type H05V-K  Permissible constant current by pressure of all wires, max. 1,5 A  Nominal operating voltage DC 24 V  Cable length: 3,2 m</p>	-			
922-3BF00	Preassembled front connectors	<p>For 300 series  20 pin with 20 single cores 0,5 mm<sup>2</sup>  All the wires are marked at regular intervals with wire numbers  Wire type H05V-K  Permissible constant current by pressure of all wires, max. 1,5 A  Nominal operating voltage DC 24 V  Cable length: 5 m</p>	-			
922-6BC50	Preassembled front connectors	<p>For 300 series  40 pin with 40 single cores 0,5 mm<sup>2</sup>  All the wires are marked at regular intervals with wire numbers  Wire type H05V-K  Permissible constant current by pressure of all wires, max. 1,5 A  Nominal operating voltage DC 24 V  Cable length: 2,5 m</p>	-			
922-6BD20	Preassembled front connectors	<p>For 300 series  40 pin with 40 single cores 0,5 mm<sup>2</sup>  All the wires are marked at regular intervals with wire numbers  Wire type H05V-K  Permissible constant current by pressure of all wires, max. 1,5 A  Nominal operating voltage DC 24 V  Cable length: 3,2 m</p>	-			

922-6BF00	Preassembled front connectors	For 300 series 40 pin with 40 single cores 0,5 mm <sup>2</sup> All the wires are marked at regular intervals with wire numbers Wire type H05V-K Permissible constant current by pressure of all wires, max. 1,5 A Nominal operating voltage DC 24 V <sup>2</sup> Cable length: 5 m	-			
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