Features / VIPA Systeme	100V	200V	300V	300S	500S
VIPA SPEED7 technology (High-speed-CPU)				●	●
VIPA SPEED-Bus (for High-speed modules/applications)				●	
Type	compact / upgradable	compact / modular-wise expandable	like S7-300 from Siemens	like S7-300 from Siemens	PC PCI card
Programable with STEP7 from Siemens	●	●	●	●	●
Integrated work memory (from/up to) (depends on CPU variant)	8 - 32kByte	32 - 128kByte	96 - 256kByte	64kByte - 2MByte	1MByte - 2MByte
Upgradable work memory up to max.				8192kByte *2	8192kByte *2
Integrated Flash memory (for durable storage of programm and data in the CPU)	●	●	●		
Integrated accu-buffered RAM memory (for durable storage of programm and data in the CPU)	●	●	●	●	●
MMC card slot (for storage of programm and data on a commercial MMC card)	●	●	●	●	●
Operation without additional memory card (the work-/load memory is already integrated in the CPUs from VIPA!)	●	●	●	●	●
MPI-interface	●	●	●	●	●
Profibus-DP master interface *1		●	●	●	
Profibus-DP slave interface *1	●	●	●	●	●
PtP interface *1	●	●	●	●	●
CANopen master interface *1		●		●	
CANopen slave interface *1	●	●			
INTERBUS master interface *1				●	
INTERBUS slave interface *1		●			
DeviceNet slave interface *1		●			
Integrated Ethernet interface (RJ45) (for programming via network - OP-/PU-communication - 2 connections)				●	●
Integrated Ethernet communication processor *1		●	●	●	●
Integrated real time clock	●	●	●	●	●
Integrated digital IOs (at 300S - CPU 313SC/314SC/314ST)	●			●	
Integrated analog IOs (at 300S - CPU 313SC/314SC/314ST)				●	
Number of pluggable modules (central - with and without additional line allocation - depends on avaiable space)	4 100V and 200V modules	32	32	32	
Inclusive front plugs	●	●			
Inclusive programming software (VIPA WinPLC7.lite)	●				
Inclusive OPC server					●
Inclusive backplane bus	●		●		
Installation	Profile rail 35mm	Profile rail 35mm	Profile rail (wie Siemens)	Profile rail (wie Siemens)	PCI plug-in place
UL certificated	●	●	●	●	●

*1 depemds on CPU-/System type - integrated interface or seperate Interface module
*2 upgradable via VIPA MCC (MicroConfigurationCard)

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