













Technical Data:

CPU	312SC	313SC	313SC/DPM	314SC/DPM	314ST/DPM	315SB/DPM	315SN/NET	317 SE/DPM	317SN/NET	515 S/DPM	517S/DPM	517S/NET
												
Order number	VIPA 312-5BE03	VIPA 313-5BF03	VIPA 313-6CF03	VIPA 314-6CG03	VIPA 314-6CF02	VIPA 315-2AG12	VIPA 315-4NE12	VIPA 317-2AJ12	VIPA 317-4NE12	VIPA 515-2AJ00	VIPA 517-2AJ00	VIPA 517-4NE00
Work memory (50% program / 50% data)	32kB - 512kB	64kB - 512kB	64kB - 512kB	128kB - 1MB	512kB - 2MB	1MB - 2MB		2MB - 8MB		1MB - 2MB	2MB - 8MB	
Processing time (BIT, Word, Fix/Floatingpoint in Nanoseconds*)	21/125			11/63	10/58	10/58		10/58		13/75		
Number range: FB, FC DB	2048 4096			2048 4096			8191 8191		2048 4096			
Bit memory / Counter / Timer	8192Byte / 512 / 512			8192Byte / 512 / 512			16K / 2K / 2K		8192Byte / 512 / 512			
Local data	512Byte per prio-level			8192Byte total (configurable per prio-level)								
Total address space I/O	8192 / 8192Byte			8192 / 8192Byte								
Process image I/O	128 / 128Byte			2048 / 2048Byte			8192 / 8192Byte		2048 / 2048Byte			
X2, COM 1 ↳ MPI ↳ PtP ↳ DP master	187,5kbit/s -- --		187,5kbit/s 115,2kbit/s 12Mbit/s	12Mbit/s iso -- --								1,5Mbit/s iso -- --
X3, COM 2 ↳ DP master ↳ PtP ↳ SSI	-- 115,2kbit/s --	12Mbit/s 115,2kbit/s --	12Mbit/s 115,2kbit/s 1,5Mbit/s	12Mbit/s 115,2kbit/s --								12Mbit/s -- --
Ethernet interface integrated (2 PU/OP connections)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
VIPA SPEED-Bus	--	--	--	--	✓	--	--	✓	✓	--	--	--
Ethernet-CP 343/543 integrated:	--	--	--	--	--	--	✓	--	✓	--	--	✓
↳ PU/OP connections	--	--	--	--	--	--	32	--	32	--	--	32
↳ S7 / RFC 1006 / H1 / TCP / UDP	--	--	--	--	--	--	8	--	64	--	--	64
DI / DO / DIOS	16 / 8 / --	24 / 16 / --	16 / 16 / --	24 / 16 / 8	8 / -- / 8	--	--	--	--	--	--	--
AI / AO / Pt100	--	4 / 2 / 1	--	4 / 2 / 1	4 / 2 / 1	--	--	--	--	--	--	--
Counter / PWM or Stepper ¹ (switchable)	2 / -- / --	3 / -- / --	3 / -- / --	4 / -- / --	4 / -- / --	--	--	--	--	--	--	--
Dimensions (WxHxD) in mm	80x125x130	120x125x130	80x125x130	120x125x130	80x125x130	40x125x130	80x125x130		80x125x130	174x106 (PCI)		

* 1ns = 0,001µsec

