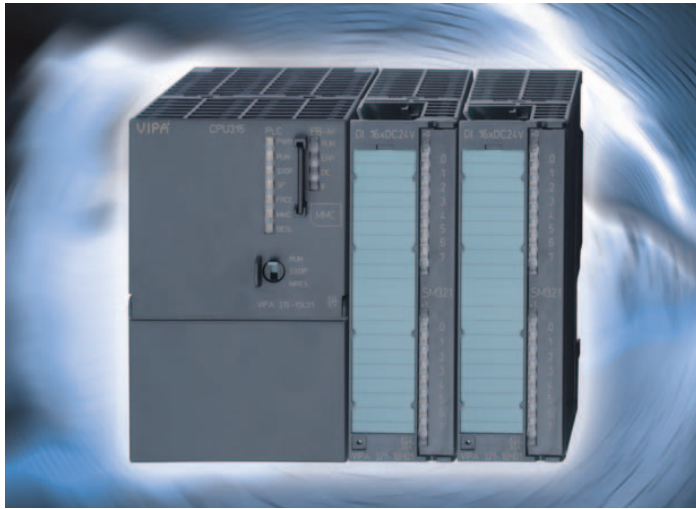


VIPA System 300V - The control system for centralised and decentralised applications



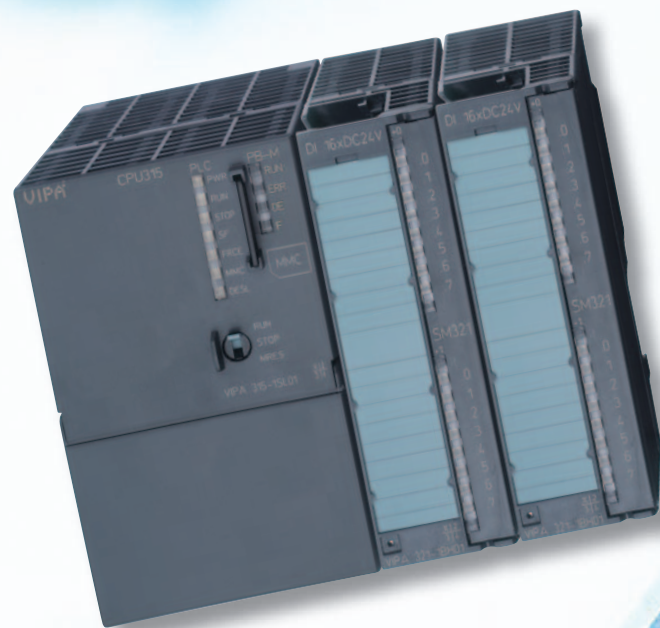
The VIPA System 300V is a compact and modular automation system for centralised and decentralised applications for mid and higher performance areas. It is also suitable for time-critical tasks. The System 300V is also compatible to S7-300.



Control system for centralised and decentralised applications programmable with Step[®]7 from Siemens

Features VIPA System 300V:

- Programmable with Step[®]7 from Siemens
- Integrated work memory - operation without additional memory card possible!
- Integrated ROM memory for continuous saving of program and data
- Integrated accumulator-backed RAM memory
- Supporting standard MMC cards for saving of program and data
- Profibus DP and MPI-Interface on board
- Designed like S7-300[®] from Siemens
- MMC Slot
- Real-time clock
- Centralized application with up to 32 modules directly at the CPU possible
- Synchronous use of VIPA and Siemens modules possible
- Use in centralised and decentralised applications possible
- Modular expandable
- 24 months warranty
- UL-standard certification



System 100V

System 200V

System 300S

System 300V

System 400V

System 500S

HMI

Software

Zubehör/Accessories

VIPA System 300V - The control system for centralised and decentralised applications

POWER SUPPLY



Fig.: 307-1BA00

Models:

307-1BA00 PS 307 with AC 100/240V, DC 24V, 2,5A

CPUS FOR STEP®7 FROM SIEMENS



Fig.: 315-1SL01

Models:

- 314-1SL01 CPU 314 with 96/144kB work/load memory, Profibus DP-Slave
- 314-2DP01 CPU 314DPM with 96/144kB work/load memory, Profibus DP-Master
- 314-3DP01 CPU 314NET-DPM with 96/144kB work/load memory, integrated Ethernet-CP 343, TCP/IP and S7-Communication, 4tier-Switch, Profibus DP-Master
- 314-3SL01 CPU 314NET-DPS with 96/144kB work/load memory, integrated Ethernet-CP 343, TCP/IP and S7-Communication, 4tier-Switch, Profibus DP-Slave

- 315-1SL01 CPU 315 with 192/256kB work/load memory, Profibus DP-Slave
- 315-2DP01 CPU 315DPM with 192/256kB work/load memory, Profibus DP-Master
- 315-3DP01 CPU 315NET-DPM with 192/256kB work/load memory, integrated Ethernet-CP 343, TCP/IP and S7-Communication, 4tier-Switch, Profibus DP-Master
- 315-3SL01 CPU 315NET-DPS with 192/256kB work/load memory, integrated Ethernet-CP 343, TCP/IP and S7-Communication, 4tier-Switch, Profibus DP-Slave

- 316-1SL01 CPU 316 with 256/512kB work/load memory, Profibus DP-Slave
- 316-2DP01 CPU 316DPM with 256/512kB work/load memory, Profibus DP-Master
- 316-3DP01 CPU 316NET-DPM with 256/512kB work/load memory, integrated Ethernet-CP 343, TCP/IP and S7-Communication, 4tier-Switch, Profibus DP-Master
- 316-3SL01 CPU 316NET-DPS with 256/512kB work/load memory, integrated Ethernet-CP 343, TCP/IP and S7-Communication, 4tier-Switch, Profibus DP-Slave

DIGITAL INPUT MODULES



Fig.: 321-1BH01

Models:

- 321-1BH01 SM 321 with DI 16xDC 24V
- 321-1BL00 SM 321 with DI 32xDC 24V

DIGITAL OUTPUT MODULES



Fig.: 322-1BH01

Models:

- 322-1BF01 SM 322 with DO 8xDC 24V, 2A
- 322-1BH01 SM 322 with DO 16xDC 24V, 1A
- 322-1BH41 SM 322 with DO 16xDC 24V, 2A
- 322-1BL00 SM 322 with DO 32xDC 24V, 1A
- 322-1HH00 SM 322 with DO 16xRelais, DC24V/AC 230V, 5A



System 100V

System 200V

System 300V

System 300V

System 400V

System 500S

HMI

Software

Zubehör/Accessories

VIPA System 300V - The control system for centralised and decentralised applications

DIGITAL IN-/OUTPUT MODULES



Fig.: 323-1B00

Models:

- 323-1BH00 SM 323 DIO 16xDC 24V, 1A
- 323-1B00 SM 323 DO 16xDC 24V, DO 16xDC 24V, 1A

ANALOG INPUT MODULES



Fig.: 331-7KB01

Models:

- 331-1KF01 SM 331 with AI 8x12Bit, U/I/R/Pt/Ni100, Ni 1000, 4opol.
- 331-7KB01 SM 331 with AI 2x12Bit, Multiinput, U/I/R, Thermo, Pt/Ni100
- 331-7KF01 SM 331 with AI 8x12Bit, Multiinput, U/I/R, Thermo, Pt/Ni100

ANALOG OUTPUT MODULES



Fig.: 332-5HB01

Models:

- 332-5HB01 SM 332 with AO 2x12Bit, U/I
- 332-5HD01 SM 332 with AO 4x12Bit, U/I



VIPA System 300V - The control system for centralised and decentralised applications

FUNCTION MODULES



Fig.: 355-4SF00

Models:

- 355-3SD00 FM 355 with 4 channels, U/I-measurement inputs
- 355-3SD10 FM 355 with 4 channels, Thermoelement-/Pt100-measurement inputs
- 355-3SF00 FM 355 with 8 channels, U/I-measurement inputs
- 355-3SF10 FM 355 with 8 channels, Thermoelement/Pt100-measurement inputs
- 355-4SD00 FM 355 with 4 channels, with output 8x DIO DC 24V, 0,5A, U/I-measurement inputs
- 355-4SD10 FM 355 with 4 channels, with output 8x DIO DC 24V, 0,5A, Thermoelement/Pt100-measurement inputs
- 355-4SF00 FM 355 with 8 channels, with output 8x DIO DC 24V, 0,5A, U/I-measurement inputs
- 355-4SF10 FM 355 with 8 channels, with output 8x DIO DC 24V, 0,5A, Thermoelement/Pt100-measurement inputs

FIELD BUS SLAVE MODULES



Fig.: 353-1DP01

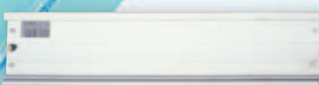
Models:

- 153-1AA03 IM153DP - Profibus DP-Slave, with RS485, configuration via HW configurator from Siemens
- 353-1CA00 IM 353CAN - CANopen-Slave, Tx/Rx-PDO 10/10
- 353-1DP01 IM 353DP - Profibus DP-Slave, with RS485, configuration via GSD-data from VIPA, up to 32 modules

ACCESSORIES FOR SYSTEM 300V



Front connector
• 20/40 pole



DIN rail
• 160mm - 2000mm
(Further lengths on request)



Manuals

Accessories for System 300V:

- 355-oAM00 Summing point for FM 355 temp. control module, with front connector 40 pole screw contact in connection with thermo elements
- 355-oBM00 Summing point for FM 355 temp. control module, with front connector 40 pole cage clamps in connection with thermo elements
- 392-1AJ00 Front connector, 20 pole with screw contact
- 392-1AM00 Front connector, 40 pole with screw contact
- 392-1BJ00 Front connector, 20 pole with cage clamps
- 392-1BM00 Front connector, 40 pole with cage clamps
- 392-9AJ00 Front connector, 20 pole with screw contact Eco pack: 100 pieces
- 392-9AM00 Front connector, 40 pole with screw contact Eco pack: 100 pieces
- HB130D Manual System 300V, German, Rev. 03/51
- HB130E Manual System 300V, English, Rev. 03/51
- HB131D Manual CPU31x, German, Rev. 03/51
- HB131E Manual CPU31x, English, Rev. 03/51
- 390-1AB60 DIN rail 160mm
- 390-1AE80 DIN rail 482mm
- 390-1AF30 DIN rail 530mm
- 390-1AJ30 DIN rail 830mm
- 390-9AB60 DIN rail 160mm, Eco pack: 100 pieces
- 390-9AE80 DIN rail 482mm, Eco pack: 32 pieces
- 390-9AF30 DIN rail 530mm, Eco pack: 32 pieces
- 390-9AJ30 DIN rail 830mm, Eco pack: 20 pieces
- 390-9BC00 DIN rail 2m, Eco pack: 10 pieces
- SW355 Projecting package for VIPA FM 355 temperature control modules