

VIPA System 100V - The compact control system



The VIPA System 100V Micro-PLC is a compact controller programmable with STEP[®]7 from Siemens. Due to the extremely compact design and the special price/performance ratio, the Micro-PLCs are especially suitable for use in small applications.



Micro-PLC programmable with STEP[®]7 from Siemens

Features VIPA System 100V:

- Programmable with Step[®]7 from Siemens
- Programming software WinPLC7 lite included
- 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
- MPI-Interface on board
- Application in centralized and decentralized areas possible
- Expandable with up to four signal and function modules (system 100V and 200V)
- MMC Slot
- Real-time clock
- Work memory expandable (except CPU112)
- Compact design
- Maintenance-free cage clamps
- Front connector included
- Set-up for 35mm DIN rails
- 24 months warranty
- UL-standard certification



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MICRO-PLC FOR STEP®7 FROM SIEMENS

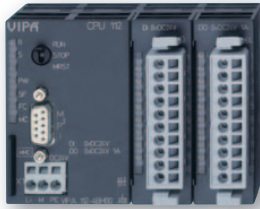


Fig.: 112-4BH00



Models:

- 112-4BH00 CPU 112 with 8/16kB work/load memory, DI 8(12)xDC 24V, DO 8(4)xDC 24V, 1A, not expandable
- 114-6BJ02 CPU 114 with 16/24kB work/load memory, DI 16(20)xDC 24V thereof 4(2) counter (AB) up to 30KHz, DO 8(4)xDC 24V, 0,5A thereof 2xPWM 50kHz outputs
- 114-6BJ50 CPU 114R with 16/24kB work/load memory, DI 16(20)xDC 24V thereof 4(2) counter (AB) up to 30KHz, DO 8xRelais
- 115-6BL02 CPU 115 with 16/24kB work/load memory, DI 16(20)xDC 24V thereof 4(2) counter (AB) up to 30KHz, DO 16(12)xDC 24V, 0,5A thereof 2xPWM 50kHz outputs
- 115-6BL12 CPU 115SER with 16/24kB work/load memory, RS 232, PtP, DI 16(20)xDC 24V thereof 4(2) counter (AB) up to 30KHz, DO 16(12)xDC 24V, 0,5A thereof 2xPWM 50kHz outputs
- 115-6BL22 CPU 115DP with 16/24kB work/load memory, Profibus DP-Slave, DI 16(20)xDC 24V thereof 4(2) counter (AB) up to 30KHz, DO 16(12)xDC 24V, 0,5A thereof 2xPWM 50kHz outputs
- 115-6BL32 CPU 115SER with 16/24kB work/load memory, RS 485, PtP, DI 16(20)xDC 24V thereof 4(2) counter (AB) up to 30KHz, DO 16(12)xDC 24V, 0,5A thereof 2xPWM 50kHz outputs

EXPANSION MODULES



Fig.: 123-4EJ00

Models:

- 123-4EH00 EM 123 with DI 8xDC 24V, DO 8xDC 24V, 1A
- 123-4EJ00 EM 123 with DI 16xDC 24V, DO 8xDC 24V, 1A
- 123-4EJ10 EM 123 with DI 16xDC 24V, DO 8xRelais
- 123-4EJ20 EM 123 with DI 16xAC 60...230V, DO 8xRelais
- 123-4EL00 EM 123 with DI 16xDC 24V, DO 16xDC 24V, 1A

FIELDBUS VIPA BLOCK I/O PROFIBUS DP-SLAVE DIGITAL INPUT



Fig.: 151-4PH00



Models:

- 151-4PH00 SM 151 with DI 16xDC 24V
- 151-6PH00 SM 151 with DI 16xDC 24V, 4x11 clamps
- 151-6PL00 SM 151 with DI 32xDC 24V

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FIELDBUS VIPA BLOCK I/O PROFIBUS DP-SLAVE DIGITAL OUTPUT



Fig.: 152-6PH50



Models:

- 152-4PH00 SM 152 with DO 16xDC 24V, 1A
- 152-6PH00 SM 152 with DO 16xDC 24V, 1A, 4x11 clamps
- 152-6PH50 SM 152 with DO 16xRelais COM
- 152-6PL00 SM 152 with DO 32xDC 24V, 1A

FIELDBUS VIPA BLOCK I/O PROFIBUS DP-SLAVE DIGITAL IN-/OUTPUT



Fig.: 153-4PF00



Models:

- 153-4PF00 SM 153 with DIO 8xDC 24V, 1A, 2x11 clamps
- 153-4PH00 SM 153 with DI 8xDC 24V, DO 8xDC 24V, 1A
- 153-6PH00 SM 153 with DI 8xDC 24V, DO 8xDC 24V, 1A, 4x11 clamps
- 153-6PL00 SM 153 with DI 16xDC 24V, DO 16xDC 24V, 1A
- 153-6-PL10 SM 153 with DI 24xDC 24V, DO 8xDC 24V, 1A

FIELDBUS VIPA BLOCK I/O CANOPEN-SLAVE DIGITAL INPUT



Fig.: 153-4CH00



Models:

- 153-4CF00 SM 153 with DIO 8xDC 24V, 1A, Tx/Rx-PDO 10/10, 2x11 clamps
- 153-4CH00 SM 153 with DI 8xDC 24V, DIO 4xDC 24V, 1A, DO 4xDC 24V, 1A, Tx/Rx-PDO 10/10
- 153-6CH00 SM 153 with DI 8xDC 24V, DIO 4xDC 24V, DO 4xDC 24V, 1A, Tx/Rx-PDO 10/10, 4x11 clamps
- 153-6CL10 SM 153 with DI 24xDC 24V, DO 8xDC 24V, 1A, Tx/Rx-PDO 10/10

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MEMORY EXPANSIONS

Models:

193-0KA00 ME 193A with 24/32kB
 193-0KB00 ME 193B with 32/40kB

INSTALLATION



Fig.: 101-4FH50

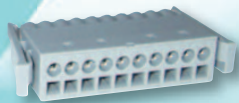
Models:

101-4FH50 CM101 8x11 clamps, passive

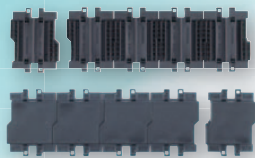
ACCESSORIES FOR SYSTEM 100V



35mm DIN rail



Front connector
 • 10 pole



Bus connector
 • 1tier, 2tier

Accessories System 100V:

290-0AA10 Bus connector 1tier
 290-0AA20 Bus connector 2tier
 290-1AF30 DIN rail 35mm, length 530mm
 292-1AF00 Front connector 10pole with cage clamps
 HB100D Manual System 100V, German, Rev. 05/19
 HB100E Manual System 100V, English, Rev. 05/19