

VIPA System 200V

CPU's for STEP5
from Siemens



PLC-CPU 241-244

CPU's for STEP7
from Siemens



PLC-CPU 214-216

Decentral periphery
Master - Slave



PROFIBUS-DP master
IM 208DP
opt. optical waveguide

Decentral periphery
Slave



PROFIBUS-DP slave
IM 253DP
opt. optical waveguide

Digital
input



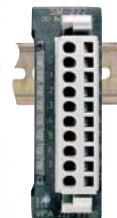
SM 221
• DI 8xDC 24V
• DI 8xDC 24V, 0.2ms
• DI 8xDC 24V Alarm
• DI 8xDC 24V NPN

Digital
output



SM 222
• DO 8xDC 24V, 1A
• DO 8xDC 24V, 2A

Digital
output



SM 222
DO 8x Solid State
relay COM
DC 400V/AC 230V



PLC-CPU 241-244DP
with Profibus-DP slave



PLC-CPU 214-216DP
with Profibus-DP slave



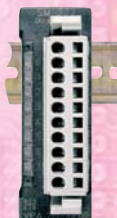
CANopen
CANopen master
IM 208CAN



CANopen
CANopen slave
IM 253CAN



SM 221
• DI 8xAC/DC 24...60V
• DI 8xAC/DC 60...230V



SM 222
• DO 4xrelay COM
• DO 8xrelay COM
• DO 4xrelay ISO
• DO 4xrelay ISO bistable
DC 30V/AC 230V



SM 222
DO 4x Solid State
relay ISO
DC 400V/AC 230V



Green Cable
Programming and download
cable for all VIPA CPUs and
Profibus fieldbus master.
Only PtP connection!



PLC-CPU 214-216DPM
with Profibus-DP master



SERCOS slave
IM 253SC



DeviceNet
DeviceNet slave
IM 253DN



SM 221
DI 16xDC 24V



SM 222
DO 16xDC 24V, 1A



Bus connectors
1-, 2-, 4- or 8-tier
for building up
the backplane bus



TCP/IP
PLC-CPU 241-244NET
with Ethernet-CP



TCP/IP
PLC-CPU 214-216NET
with Ethernet-CP



TCP/IP
Ethernet slave
IM 253NET



INTERBUS
INTERBUS slave
IM 253IB



SM 221
DI 32xDC 24V



SM 222
DO 32xDC 24V, 1A



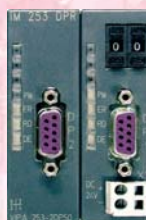
MMC - MultiMediaCard
Memory module for VIPA
CPUs 11x, 21x, 31x, 51x
and fieldbus master



PLC-CPU 214-216SER
with 2 RS232C-serial interfaces

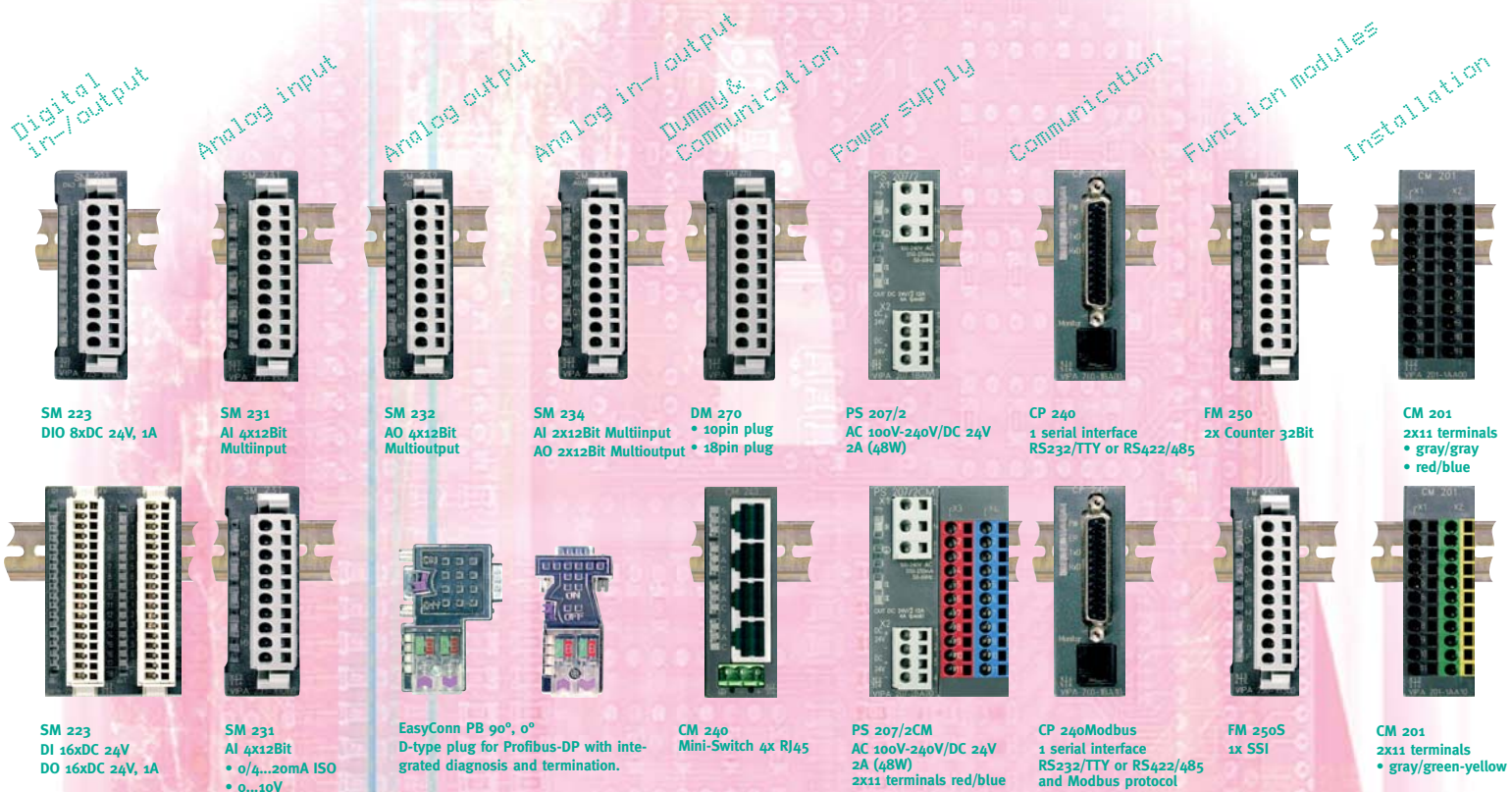


PC-CPU 288



PROFIBUS-DP slave
IM 253DPR
for system redundancy





System 200V - Future orientated solutions

The VIPA System 200V is a completely modular automation system for central and decentral automation tasks. It has been developed for low and medium performance applications. The different modules are directly mounted on a 35mm DIN rail and are coupled via backplane bus connectors that get clipped onto the rail. The variety of the modules guarantee the possibility to customize the automation system exactly for the needed configuration.

There are different CPU types available. Depending on the chosen module, the CPUs are programmable in STEP7 or STEP5 from Siemens. The PLC-CPU's optionally provide an integrated communication processor with Profibus-DP master or slave, Ethernet-TCP/IP or two serial interfaces.

CPUs System 200V - Advantages and characteristics

- Instruction set compatible to S7-300 from Siemens
- MP2I interface
- Integrated FlashROM
- MMC slot for external memory up to 64MB
- Fine modular
- Up to 32 modules in one row
- Easy and fast expansion
- Comfortable mounting and cabling

Distributed I/O - Advantages and characteristics

- Compact and robust
- Easy mounting onto a 35mm DIN rail
- Up to 2A DC 24V output current (DO)
- Interface for Profibus-DP, DeviceNet, CANopen, Modbus and INTERBUS
- Diagnostic LEDs
- Wiring with CageClamp connections
- Easy configuration by using standard tools
- High operation safety

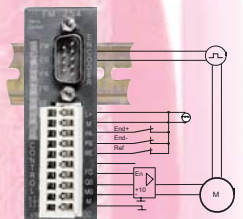
System 200V - Flexibility without limits

The easy integration into existing and different application is one of the outstanding advantages of the System 200V.

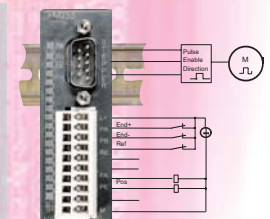
The slave connections build the interface to the field. There are slaves available for PROFIBUS-DP, INTERBUS, CANopen, Modbus, DeviceNet, SERCOS and Ethernet. They also serve the connection to sensors and actuators like counter and positioning modules (stepper, servo), various in- and output and serial communication modules.

All peripheral modules may be operated central or decentralized.

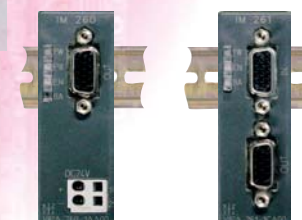
The option to use your present programming and configuration tool as well as the VIPA tools WinPLC7 or WinNCS (depending on the module) offers a complete solution to the customer.



FM 254
MotionControl
1 axis -Servo-



FM 253
MotionControl
1 axis -Stepper-



IM 260
Basic interface
1st row

IM 261
Interface
Row 2 to 4