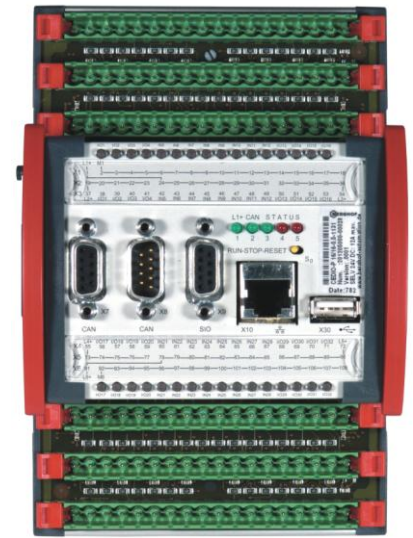


Controls / PLC controllers

## CEDIO-P 16/16 - Standard PLC controller for retrofitting applications

In terms of the I/O raster it matches the first generation CANtrol controllers; it is the right connector-compatible controller for retrofitting applications.



### PLC programming

CoDeSys is the efficient programming environment for the SPS-programming.

Programming, input/output configuration, communication and visualisation are combined in one single tool.

### Web visualization

The web visualisation of the application control can be called up via a PC with an Internet browser. It can be used for operating and monitoring machinery and equipment via the Internet

### Service and remote maintenance

Web servers and optional FTP and e-mail functionality ensure that the control is globally accessible.

### Communication

Ethernet, USB, RS232 and 2 CAN interfaces form the basis for

fast data exchange. This enables field bus input/output and host visualisation systems to be supplied with the right data.

### Processor and memory

High-performance PowerPC CPU 400 MHz with FFP for speeding up floating-point intensive computations.

With its 128 MB RAM and 32 MB Flash, it offers sufficient memory even for complex applications.

### The Facts

- Ethernet interface
- 2 CAN/CANopen
- CoDeSys SPS-programming
- 32 digital inputs and outputs
- 1 USB

## CEDIO-P 16/16

### Module data

Version	CEDIO-P 16/16-0,5-1131
Part no.	201205000
Development environment	IEC61131-3 / CoDeSys
Dimensions WxHxD [mm]	124 x 170 x 85,5 (in series dimensions W = 113/118,5)
Installation	Bearer rail NS 35/7,5 EN 50022
Expansion	with up to 6 E-bus expansion modules (e. g. QDIO, QAIO)
CPU	PowerPC, 400 MHz
Flash EPROM /SRAM	32 MB / 128 MB

### Supply voltage, current consumption

Power supply, module electronics (connection voltage)	SELV DC +24 V < 0,4 A (EN 61131-2)
Power supply, digitale I/Os	DC +24 V (EN 61131-2)
Power consumption	At Ue = DC +24 V in neutral, a max. of 300 mA, all I/O = active approx. 8 A
Potential isolation	Yes

### Digital Inputs/outputs

Number of inputs	16
Number of outputs	16; each output max. 0,5 A; also used as input
Short circuit protection	Yes
Connection technique	Standing 3-wire front wiring with terminal strips

### Interfaces

Type of interfaces	2 x CANbus 1 x Ethernet 1 x USB host Rev. 1.1 1 x RS232 1 x E-bus
Real-time clock	No