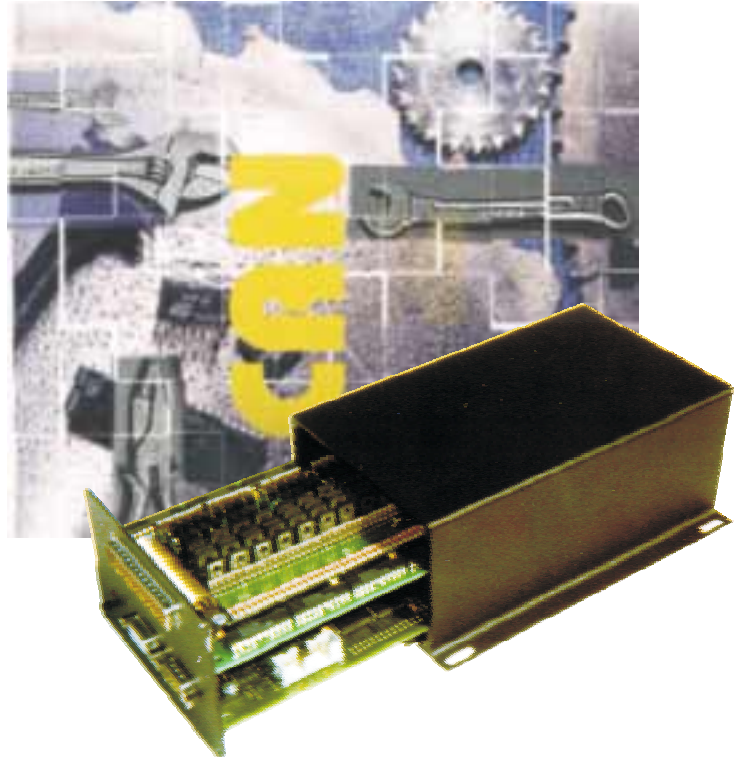


## CAN I/O

The CAN I/O's are primarily intended as hardware for distributed industrial control application. They can also be used as a stand alone controller.

The CAN interface enables CAN I/O to participate in a real time network. Complex control algorithms can be distributed among several decentralized stations with a minimum of wiring.

The core of the CAN I/O's consists of different micro controller (Philips 80C592 / Siemens 80C166 with external CAN cell and Siemens SAB C167 CR), which has FlashEPROM onboard and up to 256 kByte EPROM.



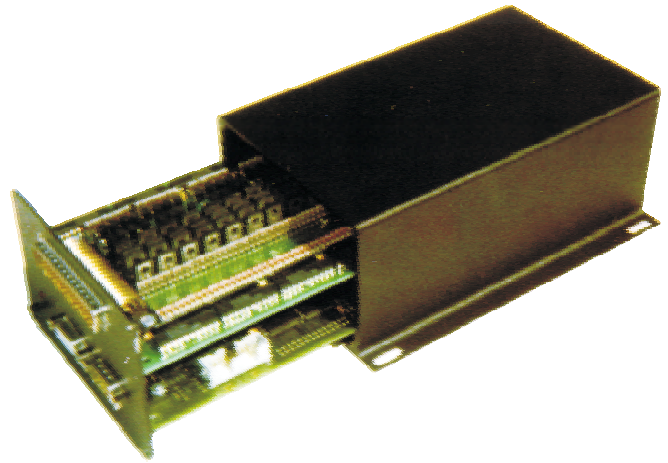
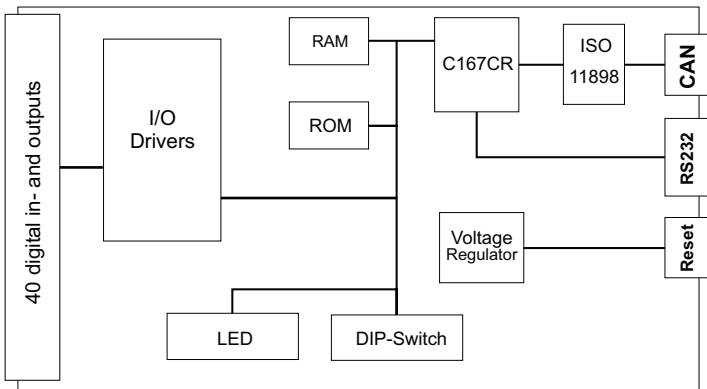
### FEATURES

- Up to 64 I/O (32 digital in and 32 digital out)
- Analog in- and outputs and programmable counter are available.
- CAN protocol according to CAN 2.0A by using the 8-Bit version and CAN 2.0B by using the 16-Bit version
- On board RS 232 interface for easy development, diagnostic and service.
- Ideal platform for real time I/O management
- Flexible interfacing of various types of digital I/Os
- Data (pre-)processing by the microcontroller or direkt link of input event to CAN
- CANopen supported

### HIGHLIGHTS

- Easy configuration and easy to use
- Designed for rough industrial environment
- Configurable via CAN or RS232
- Different housing for various protection classes available
- reduces the wiring
- PC program for remote control
- Slave board with 32 I/Os available
- All in- and outputs with phoenix contact connectors
- Delivery content includes documentation

# Type 3 Digital I/O



## SPECIFICATIONS

### General Characteristics

- Transfer rate CAN: up to 1 MBit/s
- Transfer rate RS232: 57,6 Kbaud
- Physical dimensions: 100 mm x 160 mm
- Housing: IP 50
- Power supply: 18.30 V DC
- Temperature range: 0°C .. +70° C
- Processor types: C167, @ 20 MHz
- Memory: 256 kByte (16Bit) FLASH  
64 kByte (16Bit) SRAM
- I/Os: 40 channel configurable for input or output with 24 V DC and 30mA for the output.

### Connectors

- Network CAN: 9-pin Sub D Min male CiA standard
- I/Os: 50 pin Sub D Min male
- Power supply: 50 pin Sub D Min male
- Network RS232: 9 pin SubD min D female

### Network protocol interfaces

- CAN: Internal CAN cell of the C167 CAN 2.0 B

### Network physical interfaces

- CAN: CAN ISO 11 898 (82C251)  
Or other on request

## GENERAL INFORMATION

- Hardware requirements:
  - PC-compatible
  - RS232 interface
- Software requirements:
  - MS-DOS 3.0 and higher
  - Win 9x, Win NT, Win 2000
- Knowledge requirements for design of own applications :
  - Experience in programming PCs

## PRODUCT INCLUDES

- 1 CAN IO Type 3
- Application sample for programming the C167CR
- LevelX
- Delphi democodes
- Special Software to demonstrate the IO using

## ORDERNUMBERS

- IME 1805 202 Hardware incl. housing